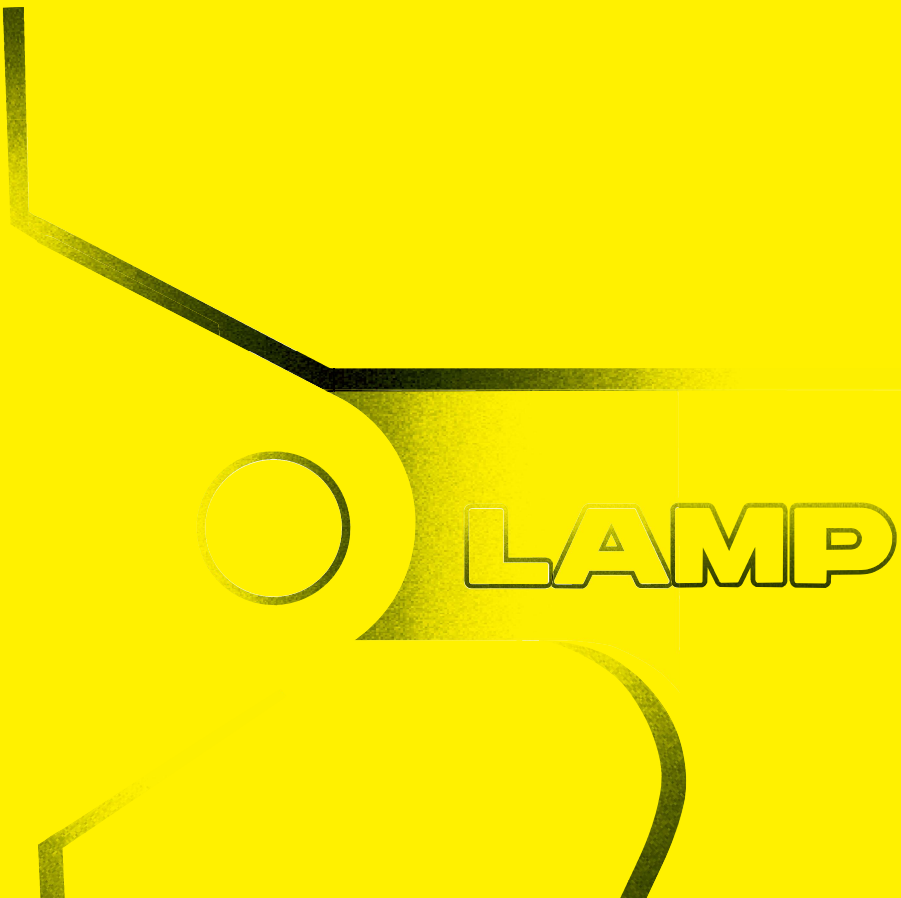
SUGATSUNE

Industrial Component Hardware



June 2022

No.400

INDEX

HINGES
LID SUPPORTS
CATCHES, LATCHES & FASTENERS
DRAWER SLIDES
HANDLES, PULLS & KNOBS
HOOKS & BRACKETS
MONITOR MOUNTS
CABINET DOOR HARDWARE & SHUTTER DOORS
LOCKS
CASTERS
LEVELLING GLIDES & BASE
MISCELLANEOUS

Motion Design Tec

LAMP®

CASTERS

Casters are a kind of hardware for moving carts or equipment smoothly by using wheels.
Sugatsune offers a characteristic series of casters with various load capacities and heights, and medical casters with excellent design and easy field operation, etc. You can select appropriate products by various factors such as the wheel material suitable for the floor surface, the shaft mechanism vital to smooth movement, as well as locking, braking and other additional functions.

SUGATSUNE

June 2022

Outline of Casters

Heavy Duty Casters
P.881



Single Wheel Casters
P.889



Twin Wheel Casters
P.893~



Casters With Levelling Glides
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Sliding Door Rollers
P.917



A caster is used for easily moving or handling objects. It is attached to various conveyors and equipment and used by human force on indoor flat floor surface.
Please select the proper caster as per the application and use conditions, and install it correctly.

Cautions for selection

- Please select casters within the load capacity range that meet the required conditions. Overload may cause damage, cracks or deformation of the product. Load capacity is just an example of measurement values obtained in the test under our company's reliable data and specific conditions, not guaranteed value.
  For example, when using 4 casters, the total load shall be multiplied by safety factor (0.75).

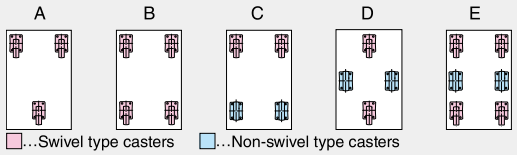
  Total load N (kgf) = Load capacity N (kgf) × 4 (pcs) × 0.75

  In addition, the safety factor (0.75) may vary depending on use conditions such as movement surface and movement speed. Before use, please select types suitable for your purpose.
- Do not use for power traction and mechanical parts. High speed rotation or continuous movement may cause damage, cracks and deformation of the products due to overload, impact, thermal accumulation, etc.
- Do not use in special environment. Use in environments such as low temperature, high temperature and high humidity or under the influence of acids, alkalis, salts, solvents, oils, etc. may significantly shorten the service life, or cause deterioration and breakage of the product.
- Since rubber wheels may contaminate the floor surface, please confirm with the actual item.

Cautions for use

- Please use it on a flat floor. Vibration due to uneven surfaces like asphalt or impact incurred by level difference may cause damage, cracks or deformation of the products.
- Do not apply excessive load to the caster.Overload, impact produced by putting down heavy objects or excessive force applied in a direction different from the rotation direction of the wheel may cause damage, cracks or deformation of the products.
- Do not apply excessive force to the stopper.Load on the stopper due to placing on an inclined surface, travelling with the stopper locked or using as a brake during movement, etc. may damage the product, cause injuries or damage the surrounding objects.

Effective characteristics can be obtained by combining swivel type and non-swivel type caster.



…Swivel type casters …Non-swivel type casters

A | Compared with B, using (2+1) swivel type casters is more economical, but the stability is poor.

B | Using 4 swivel type casters can realise effective movement even in a narrow place.

C | The combination of 2 swivel type casters and 2 non-swivel type casters is common. Installing the handle at the swivel type caster side may improve operability.

D | Compared with C, combining 2 swivel type casters and 2 non-swivel type casters in the centre is more effective in a narrow place. A central non-swivel type caster larger than the swivel type caster may bear most of the load and provides better operability.

E | Combining 4 swivel type casters and 2 non-swivel type casters arranged in the centre is suitable for cases with increased load.

High

Economy	Stability	Operability ※	Load Capacity
A	B / C	A / B	E
C / D	D / E	D / E	B / C / D
B	A	C	A

※ Operability indicates whether it is suitable for "use in a narrow place".

HEAVY DUTY CASTERS
SINGLE WHEEL CASTERS
TWIN WHEEL CASTERS
CASTERS WITH LEVELLING GLIDES
BALL CASTERS
SLIDING DOOR ROLLERS

Outline of Casters

Heavy Duty Casters

P.881~P.888

Product Name	Load Capacity N (kgf)	Wheel: Single/Twin Wheel	Wheel: Dia. (ϕmm)	Wheel: Width (mm)	Wheel: Material	Installation Type: Plate Type	Installation Type: Threaded Bolt Type	Installation Type: Insert Bolt Type	Swivel: Swivel Type	Swivel: Non-Swivel Type	Lock/Brake Operation: Wheel Lock	Lock/Brake Operation: Wheel Brake	Lock/Brake Operation: Swivel Lock	Page
Low Profile Heavy Duty Caster UHG 	4000 (408) ~ 8000 (816)	Single Wheel	50	38	Phenol Resin (PF) MC Reinforced (PA) Reinforced Polyamide Conductive MC Reinforced (PA)	●	–	–	●	–	–	–	–	P.881
			65	48		●	–	–	●	–	–	–	–	
			75			●	–	–	●	–	–	–	–	
			80		MC Polyamide	●	–	–	●	–	–	–	–	
			100			●	–	–	●	–	–	–	–	
Low Profile Heavy Duty Caster HG 	1600 (163.2)	Single Wheel	50	28	Reinforced (PA)	●	–	–	●	–	–	–	–	P.881
	3000 (306)		65	38	Phenol Resin (PF)	●	–	–	●	–	–	–	–	
	3200 (326.4)		75			●	–	–	●	–	–	–	–	
Shock-Absorbing Caster TP 	749.7 (76.5) ~ 6272 (640)	Single Wheel	151	45	PUR	●	–	–	●	●	–	–	–	P.882 ~ P.883
			202			●	–	–	●	●	–	–	–	
			203.2	70		●	–	–	●	●	–	–	–	
Dual Brake System Caster MX 	1176 (120)	Single Wheel	125	36	PA / PUR	●	●	–	●	–	●	–	●	P.884 ~ P.885
Dual Brake System Caster EX-100 	980 (100)	Single Wheel	100	32	PA / PUR	●	●	–	●	–	–	●	●	P.886 ~ P.887

Single Wheel Casters

P.889~P.892

Product Name	Load Capacity N (kgf)	Wheel: Single/Twin Wheel	Wheel: Dia. (ϕmm)	Wheel: Width (mm)	Wheel: Material	Installation Type: Plate Type	Installation Type: Threaded Bolt Type	Installation Type: Insert Bolt Type	Swivel: Swivel Type	Swivel: Non-Swivel Type	Lock/Brake Operation: Wheel Lock	Lock/Brake Operation: Wheel Brake	Lock/Brake Operation: Swivel Lock	Page
Stainless Steel Caster SUS-ET SUS 	380 (38.8)	Single Wheel	50	21	Urethane Rubber (UR)	–	●	–	●	–	–	●	–	P.889
	400 (40.8)		65			–	●	–	●	–	–	●	–	
	450 (45.9)		75			–	●	–	●	–	–	●	–	
	600 (61.2)		100	28		–	●	–	●	–	–	●	–	
Stainless Steel Caster SUS-SJ SUS 	490 (50) ~ 1568 (160)	Single Wheel	65 ~ 150	25 ~ 40	Rubber/Polyamide Urethane	●	–	–	●	–	–	●	–	P.890
Stainless Steel Caster SUS-SK SUS 	588 (60) ~ 1568 (160)	Single Wheel	65 ~ 150	25 ~ 38	Rubber/Polyamide Urethane	●	–	–	–	●	–	–	–	P.891
PLN Design Caster 	785 (80)	Single Wheel	50	14	PA	●	–	–	●	–	–	–	–	P.892
						–	●	–	●	–	–	–	–	

HEAVY DUTY CASTERS
SINGLE WHEEL CASTERS
TWIN WHEEL CASTERS
CASTERS WITH LEVELLING GLIDES
BALL CASTERS
SLIDING DOOR ROLLERS

Twin Wheel Casters

P.893~P.913

Product Name	Load Capacity	Wheel				Installation Type			Swivel		Lock/Brake Operation			Page
											Wheel		Swivel	
	N (kgf)	Single/ Twin Wheel	Dia. (ϕmm)	Width (mm)	Material	Plate Type	Threaded Bolt Type	Insert Bolt Type	Swivel Type	Non-Swivel Type	Lock	Brake	Lock	
Twin Wheel Caster GX 	1960 (200)	Twin Wheel	50	64.5	POM	●	●	–	●	●	–	–	–	P.893 ~ P.895 , P.897
	980 (100)			(52.5)	PA	●	●	–	●	–	●	–	–	
	1470 (150)		60	44		●	●	–	●	–	●	–	–	
	1960 (200)		75	58		●	●	–	●	–	●	–	–	
Parts Separable Caster CNP SUS 	588 (60)	Twin Wheel	50	70	PA	●	–	–	●	–	–	–	–	P.896
	1176 (120)		75	85		●	–	–	●	–	–	–	–	
Parts Separable Caster CNB SUS 	588 (60)	Twin Wheel	50	70	PA	–	●	–	●	–	–	–	–	P.896
	1176 (120)		75	85		–	●	–	●	–	–	–	–	
Twin Wheel Caster T, TSD 	784 (80)	Twin Wheel	76	61	PA, PUR	●	●	–	●	–	●	–	●	P.898 ~ P.899
	980 (100)		100	69		●	●	–	●	–	●	–	●	
Design Caster FS (Made to Order) 	490 (50)	Twin Wheel	–	–	–	●	●	–	–	–	●	–	–	P.899
Twin Wheel Caster MFD 	686 (70)	Twin Wheel	75	52	PA, PUR	●	●	–	●	–	●	–	●	P.900
	784 (80)		100	64		●	●	–	●	–	●	–	●	
	882 (90)		125	74		●	●	–	●	–	●	–	●	
Twin Wheel Caster DB, DS 	490 (50)	Twin Wheel	40.5	39.5	PA	●	●	–	●	–	●	–	–	P.901
	784 (80)		50.5	46		●	●	–	●	–	●	–	–	
Twin Wheel Caster MUDR 	784 (80)	Twin Wheel	100	64	PA, PUR	●	–	–	–	●	–	–	–	P.902
Twin Wheel Caster FAU55 	686 (70)	Twin Wheel	53	(46)	PA + Elastomer (TPU)	●	●	●	●	–	●	–	–	P.904
Twin Wheel Caster FPU55 	490 (50)	Twin Wheel	53	(46)	PA + Elastomer (TPU)	●	●	●	●	–	●	–	–	P.905
Twin Wheel Caster FA55 	784 (80)	Twin Wheel	53	(46)	PA	●	●	–	●	–	●	–	–	P.906
Twin Wheel Caster FP55 	490 (50)	Twin Wheel	53	(46)	PA	●	●	–	●	–	●	–	–	P.906 ~ P.907
Twin Wheel Caster FA45 	490 (50)	Twin Wheel	47	43	PA	●	●	–	●	–	●	–	–	P.907
Twin Wheel Caster FP45 	392 (40)	Twin Wheel	47	43	PA	●	●	–	●	–	●	–	–	P.908

Twin Wheel Casters

P.893~P.913

Product Name	Load Capacity	Wheel				Installation Type			Swivel		Lock/Brake Operation			Page
	N (kgf)	Single/ Twin Wheel	Dia. (ϕmm)	Width (mm)	Material	Plate Type	Threaded Bolt Type	Insert Bolt Type	Swivel Type	Non-Swivel Type	Wheel Lock	Wheel Brake	Swivel Lock	
Twin Wheel Caster NB,NS 	392 (40)	Twin Wheel	40	45.5	PA	●	●	–	●	–	●	–	–	P.909
						●	●	–	●	–	–	–	–	
	588 (60)		50	53		●	●	–	●	–	●	–	–	
						●	●	–	●	–	–	–	–	
Twin Wheel Caster JP 	490 (50)	Twin Wheel	50	57	PA	●	●	–	●	–	●	–	–	P.910
	588 (60)		60	65		●	●	–	●	–	●	–	–	
Twin Wheel Caster BR 	294 (30)	Twin Wheel	45	42	PA	●	●	●	●	–	●	–	–	P.911 ~ P.912
	392 (40)		53	48		●	●	●	●	–	●	–	–	
Twin Wheel Caster BU 	392 (40)	Twin Wheel	53	48	PA / PUR	●	●	●	●	–	●	–	–	P.912 ~ P.913
Twin Wheel Caster PT-30 	200 (20.4)	Twin Wheel	30	32	PA	●	–	–	●	–	–	–	–	P.913

With Levelling Glides

P.914~P.915

Product Name	Load Capacity	Wheel				Installation Type			Swivel		Lock/Brake Operation			Page
	N (kgf)	Single/ Twin Wheel	Dia. (ϕmm)	Width (mm)	Material	Plate Type	Threaded Bolt Type	Insert Bolt Type	Swivel Type	Non-Swivel Type	Wheel Lock	Wheel Brake	Swivel Lock	
Caster With Levelling Glide AF 	2499 (255)	Single Wheel	50	45	PA	●	–	–	●	–	–	–	–	P.914
			65			●	–	–	●	–	–	–	–	
Parts Separable Caster (w/Glide) CAP 	588 (60)	Twin Wheel	50	70	PA/Elastomer (TPE)	●	–	–	●	–	–	–	–	P.915
	1176 (120)		75	85		●	–	–	●	–	–	–	–	
Parts Separable Caster (w/Glide) CAB 	588 (60)	Twin Wheel	50	70	PA/Elastomer (TPE)	–	●	–	●	–	–	–	–	P.915
	1176 (120)		75	85		–	●	–	●	–	–	–	–	

Ball Casters

P.916

Product Name		Ball Dia. (ϕmm)	Installation Type: Front Screw Mount	Installation Type: Recessed Mount	Load Capacity N (kgf)	Page
Ball Caster (Surface Mount Type) 	BM	11.9, 14.3, 17.5, 22.2, 25.4	●	–	98 (10), 118 (12), 147 (15), 245 (25), 392 (40)	P.916
Plastic Caster (Threaded Bolt Type) 	NT	25	–	●	245 (25)	P.916
Plastic Caster (Surface Mount Type) 	NS	25	●	–	245 (25)	P.916
Ball Caster (Recessed Mount Type) 	BH	17.5, 22.2, 25.4	–	●	98 (10), 147 (15), 196 (20)	P.916
Mini Ball Caster (Recessed Mount Type) 	BHB-12	12	–	●	78.4 (8)	P.916

Sliding Door Rollers

P.917~P.924

With Bracket Non-bracket

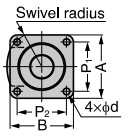
Wheel Shape		Product Name	Wheel Dia. (ϕmm)	Load Capacity N (kgf)	Page		Product Name	Wheel Dia. (ϕmm)	Page
L-shaped 		SUS Stainless Steel Sliding Door Roller JS315	120, 150 200	14700 (1500) ~ 27440 (2800)	P.917		SUS Stainless Steel Sliding Door Roller JS325	120, 150 200	P.917
V-shaped 		SUS Stainless Steel Sliding Door Roller JS300	50, 60 75, 90 110, 150 200	3920 (400) ~ 27440 (2800)	P.918		SUS Stainless Steel Sliding Door Roller JS310	50, 60 75, 90 110, 150 200	P.918
U-shaped 		SUS Stainless Steel Sliding Door Roller JS365	50, 60 75, 90 110, 150 200	3920 (400) ~ 27440 (2800)	P.919		SUS Stainless Steel Sliding Door Roller JS380	50, 60 75, 90 110, 150 200	P.919
Flat 		SUS Stainless Steel Sliding Door Roller JS375	50, 60 75, 90 110, 150 200	3920 (400) ~ 27440 (2800)	P.920		SUS Stainless Steel Sliding Door Roller JS385	50, 60 75, 90 110, 150 200	P.920
V-shaped 		Sliding Door Roller JC100	50, 60 75, 90 105, 120 150, 200	3430 (350) ~ 24500 (2500)	P.921		Sliding Door Roller JC110	50, 60 75, 90 105, 120 150, 200	P.921
U-shaped 		Sliding Door Roller JC135	50, 60 75, 90 105, 120 150, 200	3430 (350) ~ 24500 (2500)	P.922		Sliding Door Roller JC145	50, 60 75, 90 105, 120 150, 200	P.922
Flat 		Sliding Door Roller JC140	50, 60 75, 90 105, 120 150, 200	3430 (350) ~ 24500 (2500)	P.923		Sliding Door Roller JC150	50, 60 75, 90 105, 120 150, 200	P.923
L-shaped 		Sliding Door Roller JC115	90, 120 150, 200	6370 (650) ~ 24500 (2500)	P.924		Sliding Door Roller JC120	90, 120 150, 200	P.924

LOW PROFILE HEAVY DUTY CASTER UHG Plate Type

LOAD CAPACITY 4000~8000 N

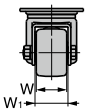


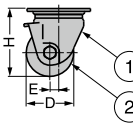
- Small heavy duty type with low profile.
- High performance bearing reduces starting force.
- Carburised and quenched main metal parts provide outstanding durability and load capacity.



[Applications]

- Medical equipment, automatic equipment, semiconductor equipment, financial equipment, other heavy equipment required for space-saving, long-term fixed heavy equipment, etc.





[Phenol Wheel] Item Name Suffix "PB"



High surface hardness and excellent resistance against oil, heat and compression.

[MC Polyamide Wheel] Item Name Suffix "MC"



Excellent load capacity, friction resistance, heat resistance and cold resistance and low starting resistance provide low probability of floor damage.

[Conductive MC Polyamide Wheel] Item name suffix "MCE"



Conductive MC polyamide wheel can play the role of earthing.

[Reinforced Polyamide Wheel] Item name suffix "GFB"



Excellent load capacity and impact resistance compared with polyamide wheel.

No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
②	Wheel	Item Name Suffix "PB" : Phenol Resin (PF)	Black
		Item Name Suffix "MC" : MC Reinforced (PA)	Blue
		Item Name Suffix "MCE" : Conductive MC Reinforced (PA)	Black
		Item Name Suffix "GFB" : Reinforced (PA)	

RoHS	CAD	Item Code	Item Name	Wheel Material	D	H	E	W	W1	A	B	P1	P2	d	Swivel Radius	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	–	200-130-840	UHG-50-PB	Phenol Resin (PF)	50	79	12	38	42	84	84	64	64	8.5	49	4000	408	814	20	–
G	3D	200-130-290	UHG-50-MC	MC Polyamide														810	20	–
G	–	200-130-291	UHG-50-MCE	Conductive MC Reinforced Polyamide														815	20	–
G	–	200-130-841	UHG-65-PB	Phenol Resin (PF)	65	97	14	48	51.5	100	100	78	78	10.5	57	5000	510	1581	12	–
G	3D	200-130-292	UHG-65-GFB	Reinforced Polyamide												4000	408	1469	12	–
G	3D	200-130-293	UHG-65-MC	MC Polyamide												6000	612	1600	12	–
G	–	200-130-294	UHG-65-MCE	Conductive MC Reinforced Polyamide														1600	12	–
G	3D	200-130-842	UHG-75-PB	Phenol Resin (PF)	75	107												1677	12	–
G	3D	200-130-295	UHG-75-GFB	Reinforced Polyamide												5000	510	1521	12	–
G	–	200-130-296	UHG-75-MC	MC Polyamide												7000	714	1800	12	–
G	–	200-130-297	UHG-75-MCE	Conductive MC Reinforced Polyamide														1670	12	–
G	–	200-130-298	UHG-80-MC	MC Polyamide	80	120	20				85	80	60	9.0	62	8000	816	1695	12	–
G	–	200-139-432	UHG-100-MC		100	140				150	110	121	59	13.0	72			2145	8	–

LOW PROFILE HEAVY DUTY CASTERS HG Plate Type

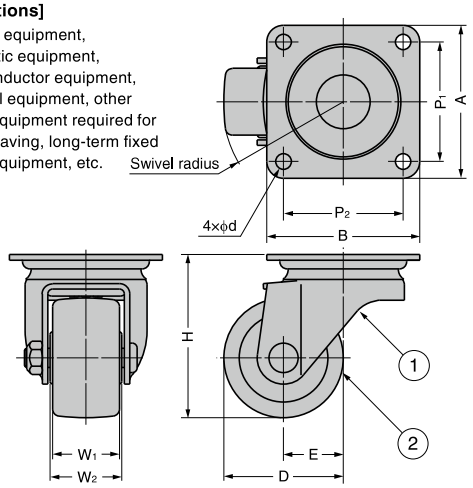
LOAD CAPACITY 1600~3200 N



- Small heavy duty type with low profile.
- High performance bearing reduces starting force (HG-50GNB excluded).
- Carburised and quenched main metal parts provide outstanding durability and load capacity.

[Applications]

- Medical equipment, automatic equipment, semiconductor equipment, financial equipment, other heavy equipment required for space-saving, long-term fixed heavy equipment, etc.



[Reinforced Polyamide Wheel] Item Name Suffix "GNB"



Excellent load capacity and impact resistance compared with polyamide wheel.

[Phenol Wheel] Item Name Suffix "PB"



High surface hardness and excellent resistance against oil, heat and compression.

No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
②	Wheel	Item Name Suffix "GNB" : Reinforced (PA)	Black
		Item Name Suffix "PB" : Phenol Resin (PF)	

RoHS	CAD	Item Code	Item Name	Wheel Material	D	H	E	W1	W2	A	B	P1	P2	d	Swivel Radius	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-399	HG-50GNB	Reinforced Polyamide	50	68	25	28	30	64	64	50	50	6.5	51	1600	163.2	320	36	–
G	3D	200-130-400	HG-65PB	Phenol Resin (PF)	65	92	22	38	42	90	90	71	71	10.5	57	3000	306	880	20	–
G	3D	200-130-401	HG-75PB		75	106									61	3200	326.4	970	20	–

SHOCK-ABSORBING CASTER TP Plate Type

LOAD CAPACITY 749.7~6272 N



TP-150LF-A-RD shown.

- Quiet movement: Elastic polyurethane wheel reduces noise during movement. (Refer to the moving noise comparison below).
- Stable movement: Excellent wheel side runout prevention, even travelling on a bad road.
- Long wheel life: Stable movement and small wheel wear ensure long service life of the wheel.
- Reduced starting force: Damping mechanism allows for easily moving a pallet carrying heavy load with a small force.

[Choose From Six Types of Springs According to Application]
(Refer to item name table for details.)


Yellow


Blue

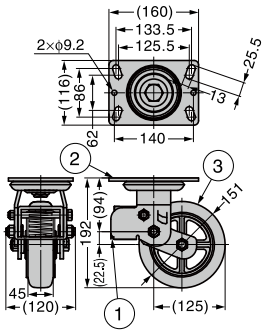

Red


Red

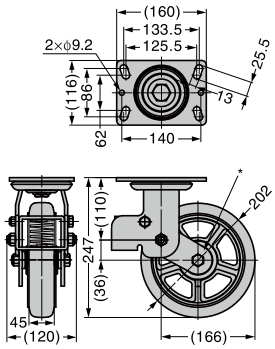

Green


Brown

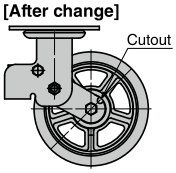
[TP-150LF]



[TP-200LF]

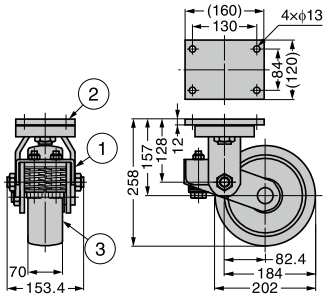


[After change]



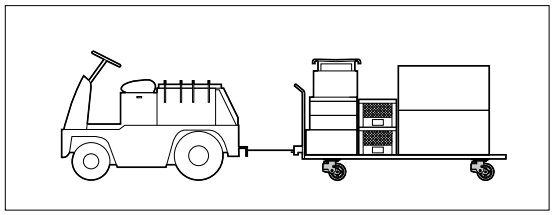
*There will be a cutout after current stock runs out.

[TPAH-200LF] Made to Order



Please also refer to [Application Example] 1.

- Swivel type and non-swivel type casters are used in combination. Refer to 2 for the arrangement.



[Moving Noise Comparison]

	Nomal Rubber Caster	Shock-Absorbing Caster (This Product)
Loaded	83dB	59dB
Unloaded	94dB	65dB

No.	Part Name	Material	Finish/Colour
①	Body	Steel	Clear Zinc Chromate
②	Plate		
③	Wheel	PUR	Red
④	Spring	Steel	Paint/See Below

The standard load of shock-absorbing caster represents the load at which the best impact absorption effect can be obtained.

RoHS	CAD	Item Code	Item Name	Wheel Dia.	Spring Colour	Load Capacity N/pc	Load Capacity kgf/pc	Standard Load N/pc	Standard Load kgf/pc	Max. Spring Compressed Length	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-130-714	TP-150LF-A-YE	151	Yellow	980	100	749.7	76.5	20	5.1	4	–
–	3D	200-130-715	TP-150LF-A-BU		Blue	2116	216	1481.7	151.2			4	–
–	3D	200-130-716	TP-150LF-A-RD		Red	3136	320	2195.2	224	16		4	–
–	3D	200-130-717	TP-200LF-A-YE	202	Yellow	980	100	749.7	76.5	20	6.7	2	–
–	3D	200-130-718	TP-200LF-A-BU		Blue	2116	216	1481.7	151.2			2	–
–	3D	200-130-719	TP-200LF-A-RD		Red	3136	320	2195.2	224	16		2	–
–	3D	200-012-504	※TPAH-200LF-A-RD	203.2		4900	500	3724	380	14.4	15	2	–
–	3D	200-012-505	※TPAH-200LF-A-GN		Green	7056	720	5096	520	10.8		2	–
–	3D	200-012-506	※TPAH-200LF-A-BR		Brown	7840	800	6272	640	9		2	–

Refer to 1 : P.883, 2 : P.876

※Made to order.

SHOCK-ABSORBING CASTER TP Plate & Non-swivel Type

LOAD CAPACITY 749.7~6272 N



TP-150LC-A-RD shown.

- Quiet movement: Elastic polyurethane wheel reduces noise during movement. (Refer to the moving noise comparison below).
- Stable movement: Excellent wheel side runout prevention, even travelling on a bad road.
- Long wheel life: Stable movement and small wheel wear ensure long service life of the wheel.
- Reduced starting force: Damping mechanism allows for easily moving a pallet carrying heavy load with a small force.

[Choose From Six Types of Springs According to Application]

(Refer to item name table for details.)



Yellow



Blue



Red



Red

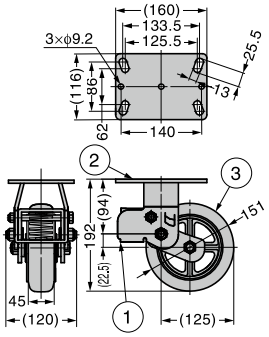


Green

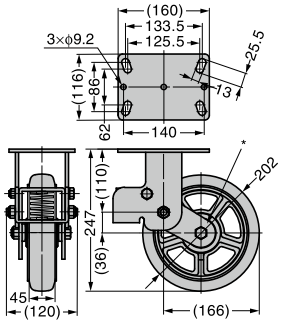


Brown

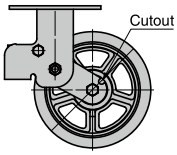
[TP-150LC]



[TP-200LC]

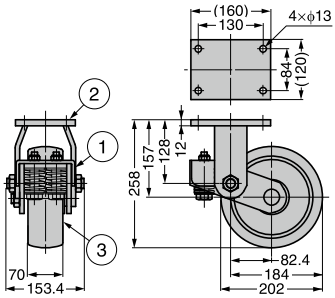


[After change]



*There will be a cutout after current stock runs out.

[TPAH-200LC] Made to Order



Please also refer to [Application Example] 1.

- Swivel type and non-swivel type casters are used in combination. Refer to 2 for the arrangement.



[Moving Noise Comparison]

	Nomal Rubber Caster	Shock-Absorbing Caster (This Product)
Loaded	83dB	59dB
Unloaded	94dB	65dB

No.	Part Name	Material	Finish/Colour
①	Body	Steel	Clear Zinc Chromate
②	Plate		
③	Wheel	PUR	Red
④	Spring	Steel	Paint/See Below

The standard load of shock-absorbing caster represents the load at which the best impact absorption effect can be obtained.

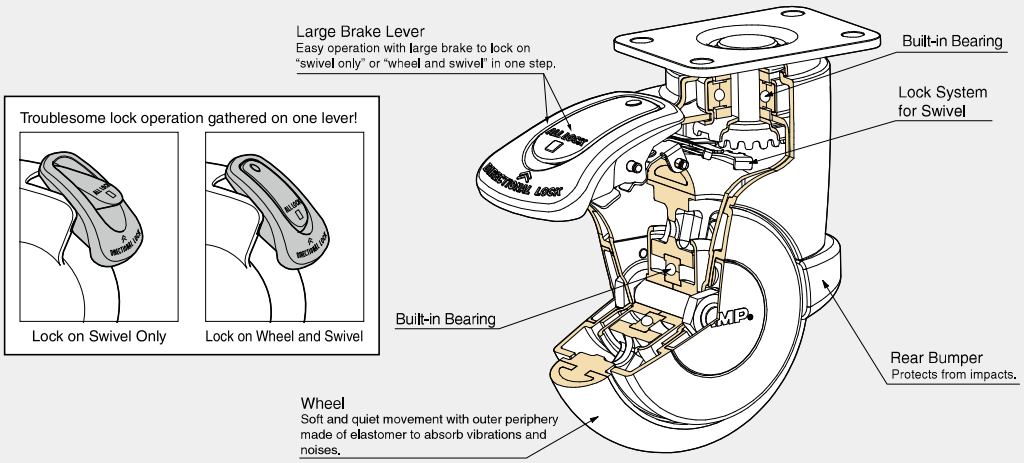
RoHS	CAD	Item Code	Item Name	Wheel Dia.	Spring Colour	Load Capacity N/pc	Load Capacity kgf/pc	Standard Load N/pc	Standard Load kgf/pc	Max. Spring Compressed Length	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-130-720	TP-150LC-A-YE	151	Yellow	980	100	749.7	76.5	20	5.1	4	–
–	3D	200-130-721	TP-150LC-A-BU		Blue	2116	216	1481.7	151.2			4	–
–	3D	200-130-722	TP-150LC-A-RD		Red	3136	320	2195.2	224	16		4	–
–	3D	200-130-723	TP-200LC-A-YE	202	Yellow	980	100	749.7	76.5	20	6.7	2	–
–	3D	200-130-724	TP-200LC-A-BU		Blue	2116	216	1481.7	151.2			2	–
–	3D	200-130-725	TP-200LC-A-RD		Red	3136	320	2195.2	224	16		2	–
–	3D	200-012-507	※TPAH-200LC-A-RD	203.2		4900	500	3724	380	14.4	13.5	2	–
–	3D	200-012-508	※TPAH-200LC-A-GN		Green	7056	720	5096	520	10.8		1	–
–	3D	200-012-509	※TPAH-200LC-A-BR		Brown	7840	800	6272	640	9		2	–

Refer to 1 : P.882, 2 : P.876

※Made to order.

DUAL BRAKE SYSTEM CASTER MX-125

Design with Excellent User-friendliness



DUAL BRAKE SYSTEM CASTER MX-125P Plate Type

LOAD CAPACITY 1176 N



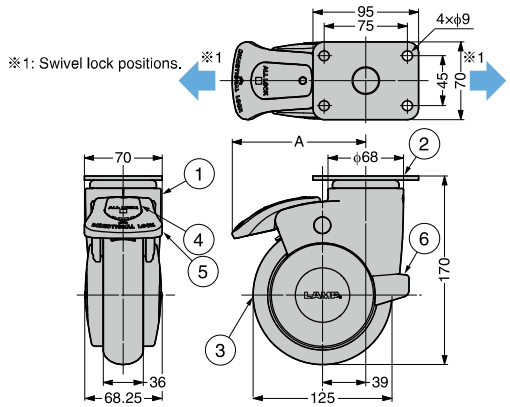
- Ideal for frequent use such as equipment in hospitals and laboratories.
- Easy switching between "swivel" lock and "wheel+swivel" lock with one lock lever.
- Large lock lever for easy operation.
- Works as non-swivel type when swivel is locked.
- Ball bearing equipped in both swivel and wheel to provide maximum smooth movement.

[Others]

- Colour of logo, cover and lock lever can be changed.

[Remarks]

- To align swivel lock positions (see ※1 in the drawing below) for caster with brake, fix the caster with the plate longitudinal direction consistent with the moving direction when installing to a cart.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PP	Light Grey
②	Plate	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA/PUR	Dark Grey
④	Brake	PA	Dark Blue
⑤	Brake		Light Blue
⑥	Rear Bumper	PUR	Dark Grey

RoHS	CAD	Item Code	Item Name	Type	A	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-053	MX-125PS	With Brake	120.5	1176	120	1444	2	8
G	3D	200-130-052	MX-125P	Without Brake	101.5			1357	2	8

DUAL BRAKE SYSTEM CASTER MX-125N Threaded Bolt Type

LOAD CAPACITY 1176 N



- Ideal for frequent use such as equipment in hospitals and laboratories.
- Easy switching between “swivel” lock and “wheel+swivel” lock with one lock lever.
- Large lock lever for easy operation.
- Works as non-swivel type when swivel is locked.
- Ball bearing equipped in both swivel and wheel to provide maximum smooth movement.

[Others]

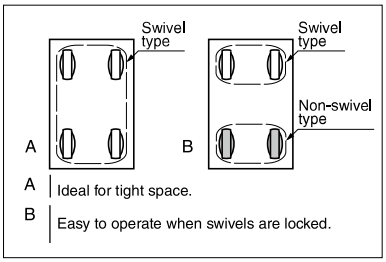
- Colour of logo, cover and lock lever can be changed.

[Remarks]

- To align swivel lock positions (see ※1 in the drawing below) for caster with brake, fix the caster with the slit direction consistent with the pushing direction when installing to a cart.

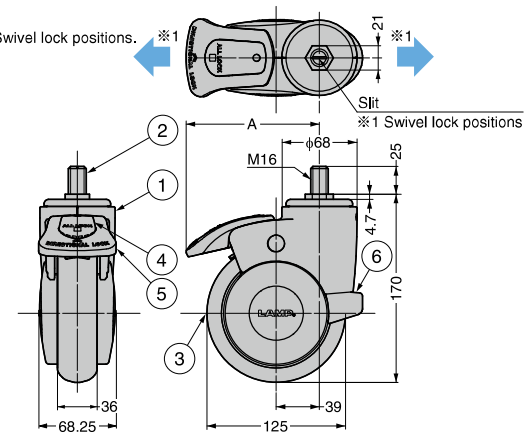
[Application Example]

- w/ Brake type is easy to switch the types of carriage as below.

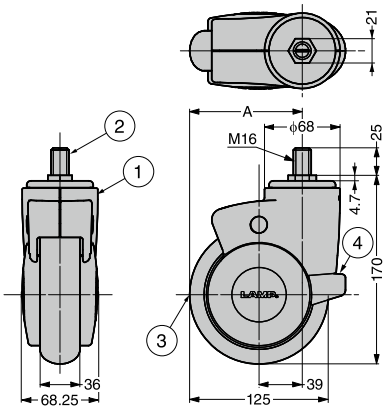


- w/ Brake

※1 : Swivel lock positions.



- w/o Brake



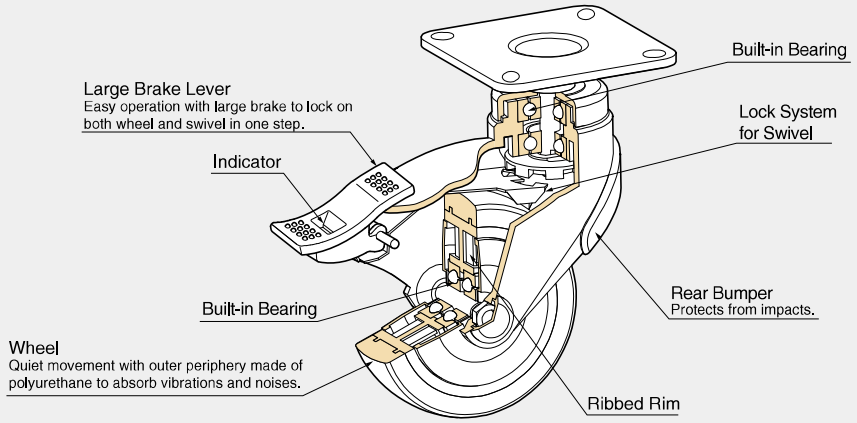
No.	Part Name	Material	Finish/Colour
①	Body	PP	Light Grey
②	Threaded Bolt	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA/PUR	Dark Grey
④	Brake	PA	Dark Blue
⑤	Brake		Light Blue
⑥	Rear Bumper	PUR	Dark Grey

No.	Part Name	Material	Finish/Colour
①	Body	PP	Light Grey
②	Screw	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA/PUR	Dark Grey
④	Rear Bumper	PUR	

RoHS	CAD	Item Code	Item Name	Type	A	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-055	MX-125N16S	w/ Brake	120.5	1176	120	1301	2	8
G	3D	200-130-054	MX-125N16	w/o Brake	101.5			1209	2	8

DUAL BRAKE SYSTEM CASTER EX-100

Functional Caster Designed for Easy Operation

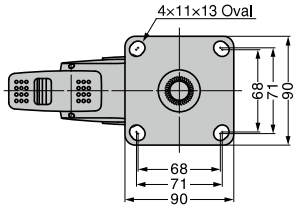


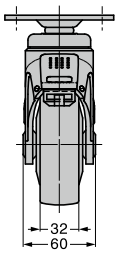
DUAL BRAKE SYSTEM CASTER EX-100P Plate Type

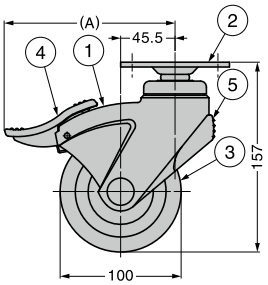
LOAD CAPACITY 980 N



- Brake indicator for easy recognition.
- Locks both wheel and swivel.
- Large brake lever for easy operation.
  Since the brake lever protrudes the wheel, operation is unaffected even if the installation position of the caster is slightly inward from the edge of upper cabinet.
- Ball bearing equipped in both swivel and wheel to provide smooth movement.
- Rear bumper protects from impacts.
- W/o brake type has also front rubber bumper to protect foot.







No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey
②	Plate	Steel (SPHC)	Clear Zinc Chromate
③	Wheel	※PA/PUR	Dark Grey
④	Brake	PA	
⑤	Rear Bumper	Elastomer (TPE)	

※The material will be changed to PP/TPE when the stock runs out.

RoHS	CAD	Item Code	Item Name	Type	A	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-132-735	EX-100PS	With Brake	139	980	100	888	20	–
–	3D	200-132-734	EX-100P	Without Brake	105			873	20	–

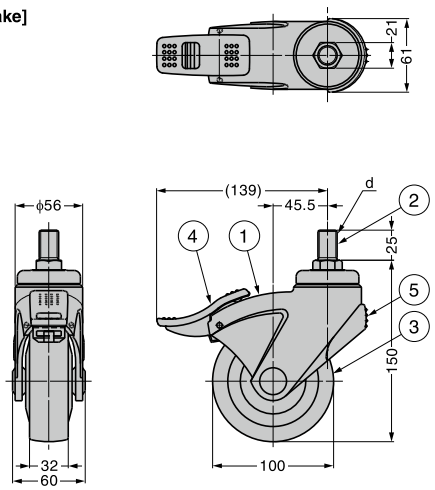
DUAL BRAKE SYSTEM CASTER EX-100N Threaded Bolt Type

LOAD CAPACITY 980 N

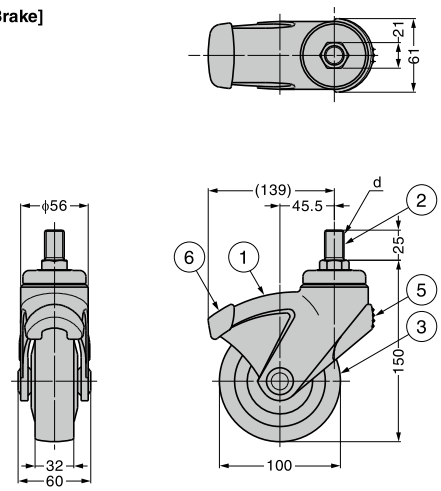


- Brake indicator for easy recognition.
- Locks both wheel and swivel.
- Large brake lever for easy operation.
  Since the brake lever protrudes the wheel, operation is unaffected even if the installation position of the caster is slightly inward from the edge of upper cabinet.
- Ball bearing equipped in both swivel and wheel to provide smooth movement.
- Rear bumper protects from impacts.
- W/o brake type has also front rubber bumper to protect foot.

[w/ Brake]



[w/o Brake]



No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey
②	Threaded Bolt	Steel (SWCH)	Clear Zinc Chromate
③	Wheel	※PA/PUR	Dark Grey
④	Brake	PA	
⑤	Rear Bumper	Elastomer (TPE)	
⑥	Front Bumper		

※The material will be changed to PP/TPE when the stock runs out.

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-132-736	EX-100N12S	w/ Brake	M12	980	100	680	20	–
–	3D	200-132-730	EX-100N12	w/o Brake				641	20	–
–	3D	200-132-733	EX-100N16S	w/ Brake	M16			686	20	–
–	3D	200-132-732	EX-100N16	w/o Brake				661	20	–

HIGH DURABILITY URETHANE ROLLER DIGEST

Made to Order

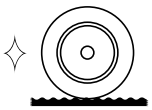




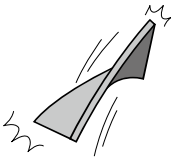
- High durability.
- Can be used for various purposes such as driving wheel, caster, and bearing roller, etc. Especially suitable for handling system and stacker for semiconductors and glass substrates and FA system, etc.
- Wheel diameters can be made to order. (Minimal order quantity 4 pcs~)
- Operating temperature: -10℃~ 80℃.

[Remarks]

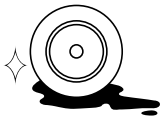
- Please use at a speed less than 10km/h.
- Wheel may discolour after long-term use, but the performance is not affected.



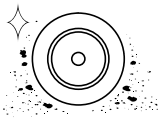
Wear resistant!



Break resistant!



Oil proof!



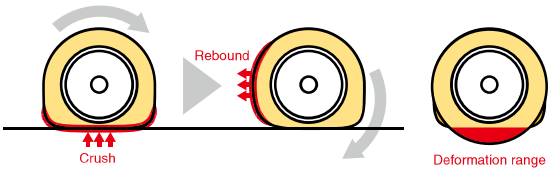
Prevents dust adhesion

(Anti-static urethane/electrical resistance: 10^6~10^9 Ω cm)

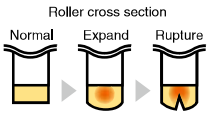
Physical Properties

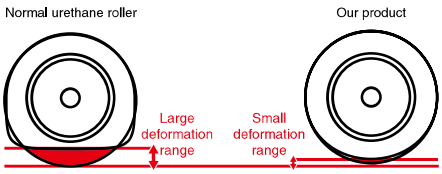
Hardness	Shore A95
100% Tensile Modulus	12.5 MPa
300% Tensile Modulus	19.1 MPa
Tear Strength	151 KN/m
Tensile Strength	50 MPa
Elongation	560%
Rebound Resilience	**63%**
Compression Set	24%

Excellent Rebound Resilience



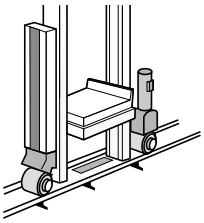
Repeated process of deformation by compression and restoration may occur in the ground contact part as the roller rotates. The heat generated by such deformation may expand urethane and thus rupture it.



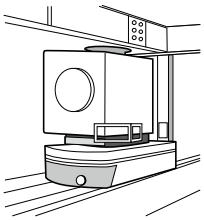


The product has excellent rebound resilience (capacity of restoring to the original shape) and small deformation range, which may suppress heat generation.Besides, the heat resistance of urethane itself is also high, making it less susceptible to deterioration.

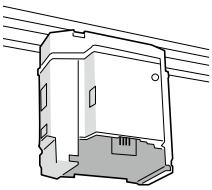
Stacker



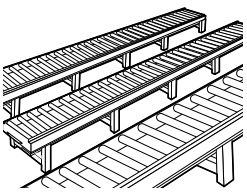
RGV(AGV)



OHT



Conveyor



STAINLESS STEEL CASTER SUS-ET Threaded Bolt Type

LOAD CAPACITY 380~600 N SUS



- Stainless steel (SUS304) body provides excellent corrosion resistance.
- Conductive rubber wheels also available.
- Anti-static urethane wheel with diameter ϕ100 also available.

[How to order] When installing caster to aluminium frame.

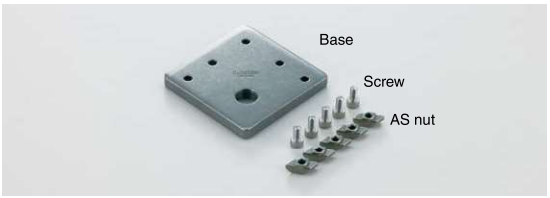
※Please select both caster (single item) and base installation parts set 1 and specify the item names of both.

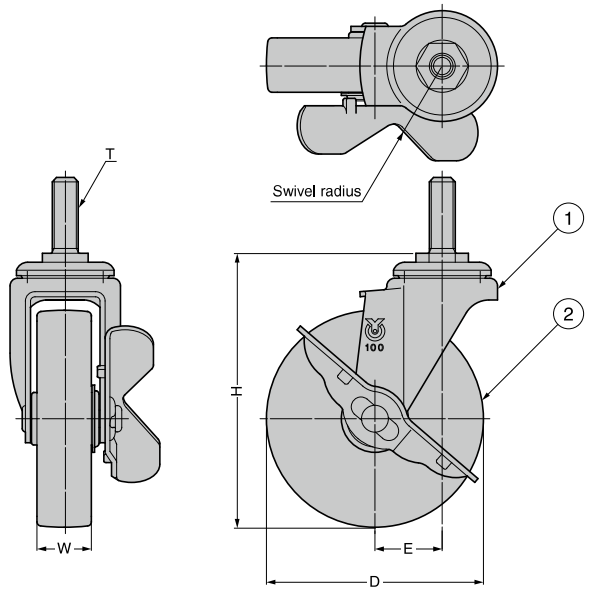
※Refer to the relevant pages when ordering base 2 and AS nut 3 separately.

[Sold Separately]

- Base installation parts set

[Base Installation Parts Set] Sold Separately





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Barrel Polished
②	Wheel	Urethane Rubber (UR)	Brown + White

RoHS	CAD	Item Code	Item Name	Type	D	W	H	E	T	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-867	SUS-ET-50UR	Without Brake	50	21	68	22	M12	380	38.8	175	100	–
G	3D	200-130-883	SUS-ET-65URS	With Brake	65		85	23		400	40.8	220	60	–
G	3D	200-130-870	SUS-ET-65UR	Without Brake								195	70	–
G	3D	200-130-886	SUS-ET-75URS	With Brake	75		95	27		450	45.9	230	50	–
G	3D	200-130-873	SUS-ET-75UR	Without Brake								210	60	–
G	3D	200-130-890	SUS-ET-100URS	With Brake	100	28	126	31		600	61.2	470	20	–
G	3D	200-130-877	SUS-ET-100UR	Without Brake								405	24	–

Refer to 1 2 : P.954, 3 : P.526

STAINLESS STEEL CASTER SUS-SJ Plate Type

LOAD CAPACITY 686~1176 N SUS



Picture above is a urethane wheel with built-in bearing.

- Made of 304 stainless steel with excellent corrosion resistance. Ideal for humid environments, laboratories, and kitchens, etc.

[Remarks]

- When ordering, please confirm the type of wheel and the presence/absence of brake in the table below.

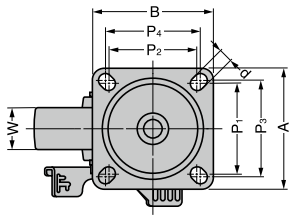

N: Polyamide wheel

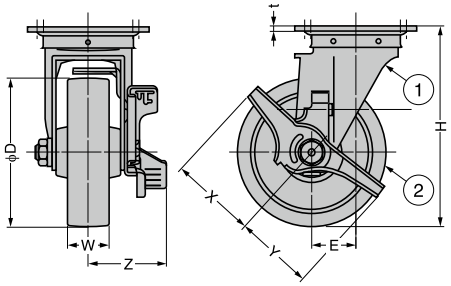

NWB: Polyamide wheel (w/ Bearing)


UWB: Polyurethane wheel (w/ Bearing)


R: Rubber wheel


R: Rubber wheel (w/ Bearing)





Drawing above shows the model with brake.

No.	Material	Finish/Colour
①	Stainless Steel (SUS304)	Polished
②	Polyamide	As below
	Urethane	

w/ B: With Bearing

RoHS	CAD	Item Code	Item Name	Type	Wheel	Wheel Colour	D	W	H	E	A	B	P1	P2	P3	P4	d	t	X	Y	Z	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)
G	–	200-134-216	SUS-SJ65-S-R	With Brake	Rubber	Black	65	25	85	29	70	58	55	42	–	–	8.8	2	38	37	45	490	50	380	40
G	3D	200-134-218	SUS-SJ65-S-N		Polyamide	White																686	70	320	40
G	3D	200-134-220	SUS-SJ65-S-UWB		Urethane (w/ B)	Ivory/Dark Brown																		340	40
G	–	200-134-215	SUS-SJ65-R	Without Brake	Rubber	Black													–	–	–	490	50	340	50
G	3D	200-134-217	SUS-SJ65-N		Polyamide	White																686	70	280	50
G	3D	200-134-219	SUS-SJ65-UWB		Urethane (w/ B)	Ivory/Dark Brown																		300	50
G	–	200-134-222	SUS-SJ75-S-R	With Brake	Rubber	Black	75		93	28									38	37	45	588	60	420	40
G	3D	200-134-224	SUS-SJ75-S-N		Polyamide	White																784	80	360	40
G	3D	200-134-226	SUS-SJ75-S-UWB		Urethane (w/ B)	Ivory/Dark Brown																		380	40
G	–	200-134-221	SUS-SJ75-R	Without Brake	Rubber	Black													–	–	–	588	60	370	50
G	3D	200-134-223	SUS-SJ75-N		Polyamide	White																784	80	310	50
G	3D	200-134-225	SUS-SJ75-UWB		Urethane (w/ B)	Ivory/Dark Brown																		320	50
G	–	200-134-228	SUS-SJ100-S-R	With Brake	Rubber	Grey	100	32	132	35	90	90	68	68	71	71	11	3	55	53	60	1176	120	1160	15
G	–	200-134-230	SUS-SJ100-S-RB		Rubber (w/ B)																			1200	15
G	3D	200-134-232	SUS-SJ100-S-N		Polyamide	White																		950	15
G	–	200-134-234	SUS-SJ100-S-NWB		Polyamide (w/ B)																			1030	15
G	3D	200-134-236	SUS-SJ100-S-UWB		Urethane (w/ B)	Ivory/Dark Brown																		1070	15
G	3D	200-134-231	SUS-SJ100-N	Without Brake	Polyamide	White													–	–	–			820	15
G	–	200-134-233	SUS-SJ100-NWB		Polyamide (w/ B)																			900	15
G	3D	200-134-235	SUS-SJ100-UWB		Urethane (w/ B)	Ivory/Dark Brown																		940	15
G	–	200-134-242	SUS-SJ125-S-NWB	With Brake	Polyamide (w/ B)	White	125	35	168	38	102	102	75	75	80	80	4		70	67	65	1470	150	1510	6
G	–	200-134-244	SUS-SJ125-S-UWB		Urethane (w/ B)	Ivory/Dark Brown																		1590	6
G	–	200-134-243	SUS-SJ125-UWB	Without Brake															–	–	–			1450	10
G	–	200-134-252	SUS-SJ150-S-UWB	With Brake			150	38	190	41									70	67	65	1568	160	1780	8
G	–	200-134-247	SUS-SJ150-RB	Without Brake	Rubber (w/ B)	Grey		40											–	–	–			1900	8
G	–	200-134-251	SUS-SJ150-UWB		Urethane (w/ B)	Ivory/Dark Brown		38																1650	8

STAINLESS STEEL CASTER SUS-SK Plate & Non-swivel Type

LOAD CAPACITY 686~1176 N SUS



Urethane wheel with bearing shown.

- Made of 304 stainless steel with excellent corrosion resistance. Ideal for humid environments, laboratories, and kitchens, etc.

[Remarks]

- The mounting hole shapes vary depending on the size of the caster.
- When ordering, please confirm the type of wheel in the table below.



N: Polyamide wheel



NWB: Polyamide wheel (w/ Bearing)

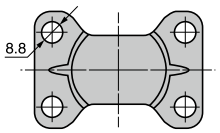


UWB: Polyurethane wheel (w/ Bearing)

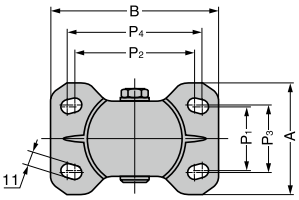


R: Rubber wheel

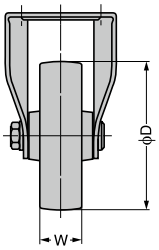
[Mounting Hole]

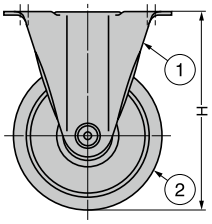


For ϕD65･75 mm



For ϕD100･125･150 mm





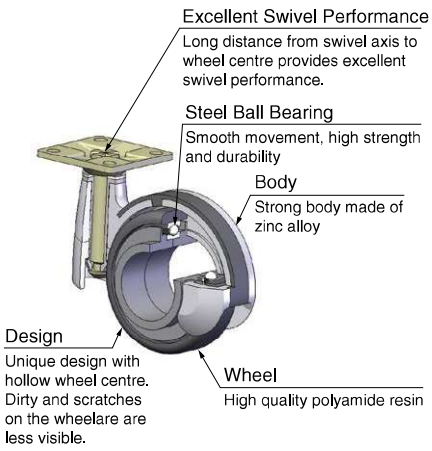
No.	Material	Finish/Colour
①	Stainless Steel (SUS304)	Polished
②	Polyamide	As below
	Urethane	

w/ B: With Bearing

RoHS	CAD	Item Code	Item Name	Wheel	Wheel Colour	D	W	H	A	B	P1	P2	P3	P4	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)
G	3D	200-134-255	SUS-SK65-N	Polyamide	White	65	25	85	47	70	28	55	–	–	686	70	160	50
G	3D	200-134-257	SUS-SK65-UWB	Urethane (w/ B)	Ivory/Dark Brown												180	50
G	–	200-134-259	SUS-SK75-R	Rubber	Black	75		93							588	60	260	50
G	–	200-134-261	SUS-SK75-N	Polyamide	White										784	80	200	50
G	3D	200-134-263	SUS-SK75-UWB	Urethane (w/ B)	Ivory/Dark Brown												220	50
G	–	200-134-265	SUS-SK100-R	Rubber	Grey	100	32	132	78	110	45	80	50	90	1176	120	780	15
G	–	200-134-269	SUS-SK100-N	Polyamide	White												570	15
G	–	200-134-271	SUS-SK100-NWB	Polyamide (w/ B)													650	15
G	3D	200-134-273	SUS-SK100-UWB	Urethane (w/ B)	Ivory/Dark Brown												690	15
G	–	200-134-279	SUS-SK125-NWB	Polyamide (w/ B)	White	125	35	168	94	140	56	100	53	112	1470	150	1060	10
G	–	200-134-281	SUS-SK125-UWB	Urethane (w/ B)	Ivory/Dark Brown		38										1140	10
G	–	200-134-289	SUS-SK150-UWB			150		190							1568	160	1350	8

PLN DESIGN CASTER



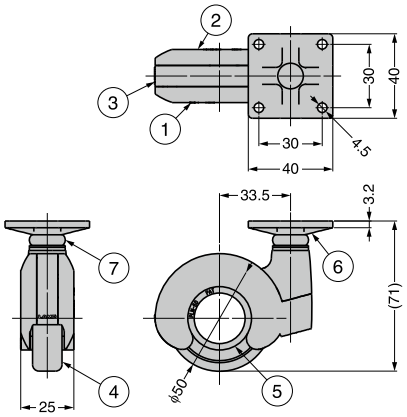


- Improved PL caster provides higher load capacity and operability.
- Excellent design
  Unique design with hollow wheel centre. Combination of smooth curve and black or chrome plating.
- Improved load capacity and operability
  Steel ball bearing improves load capacity and rotation smoothness.
- Wide range of applications
  Medical equipment, audio products, beauty equipment, wagons, chairs, travel bags, and displays, etc.

DESIGN CASTER PLN50P Plate Type

LOAD CAPACITY 785 N





[Remarks]
- Do not use it on a nonsmooth surface. Deformation, damage or wheel detachment may occur.
- The load capacities in the table below are static load values.

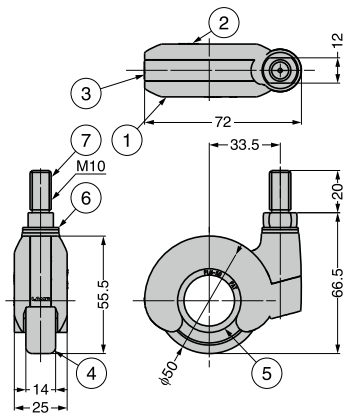
No.	Part Name	Material	Finish/Colour
①	Body (Right)	Zinc Alloy (ZDC)	As below.
②	Body (Left)		
③	Cover	POM	Dark Grey
④	Wheel	PA	Black
⑤	Inner Ring		Dark Grey
⑥	Plate	Steel	Coloured Zinc Chromate
⑦	Mounting Plate	Stainless Steel (SUS304)	Barrel Polished

RoHS	CAD	Item Code	Item Name	Finish/Colour (Body)	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-022-220	PLN50PBL	Paint/Black	785	80	220	1	28
G	3D	200-022-221	PLN50PCR	Chrome				1	28

DESIGN CASTER PLN50N Threaded Bolt Type

LOAD CAPACITY 785 N





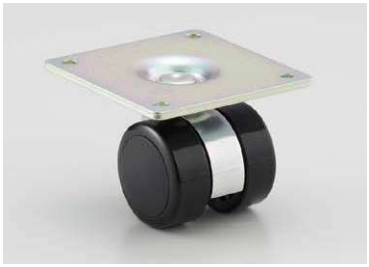
[Remarks]
- Do not use it on a nonsmooth surface. Deformation, damage or wheel detachment may occur.
- The load capacities in the table below are static load values.

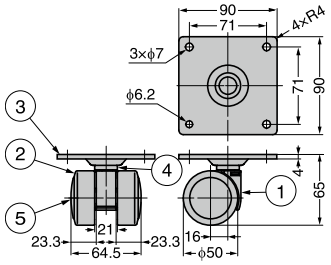
No.	Part Name	Material	Finish/Colour
①	Body (Right)	Zinc Alloy (ZDC)	As below.
②	Body (Left)		
③	Cover	POM	Dark Grey
④	Wheel	PA	Black
⑤	Inner Ring		Dark Grey
⑥	Mounting Plate	Stainless Steel (SUS304)	Barrel Polished
⑦	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate

RoHS	CAD	Item Code	Item Name	Finish/Colour (Body)	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-022-218	PLN50N10BL	Paint/Black	785	80	203	1	40
G	3D	200-022-219	PLN50N10CR	Chrome				1	40

TWIN WHEEL CASTER GX-W50GP Plate Type

LOAD CAPACITY 1960 N





- Low profile and heavy duty. Ideal for OA equipment, etc.
- Stable twin wheel structure provides smooth movement and excellent durability.
- Use in combination with GX-W50K 1 for easy handling.

[Remarks]

- The load capacities in the table below indicate the loads when moving on a smooth surface.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy	Barrel Polished
②	Wheel	POM	Black
③	Plate	Steel (SPCC)	Coloured Zinc Chromate
④	Shaft	Steel (SWCH)	
⑤	Cover	PA	Black

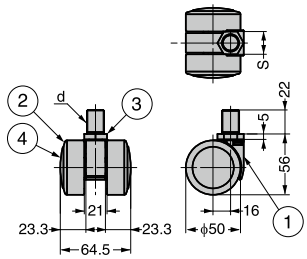
RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	–	200-130-027	GX-W50GP	1960	200	420	2	40

Refer to 1 : P.893

TWIN WHEEL CASTER GX-W50GN Threaded Bolt Type

LOAD CAPACITY 1960 N





- Low profile and heavy duty. Ideal for OA equipment, etc.
- Stable twin wheel structure provides smooth movement and excellent durability.

[Remarks]

- The load capacities in the table below indicate the loads when moving on a smooth surface.

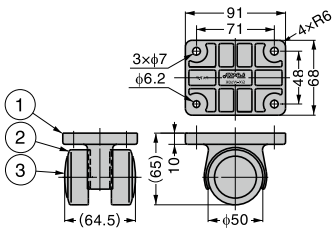
No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy	Barrel Polished
②	Wheel	POM	Black
③	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
④	Cover	PA	Black

RoHS	CAD	Item Code	Item Name	d	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-028	GX-W50GN12	M12	19	1960	200	208	4	80
G	3D	200-130-029	GX-W50GN16	M16	21			223	4	80

TWIN WHEEL CASTER GX-W50K Non-swivel Plate Type

LOAD CAPACITY 1960 N





- Stable twin wheel structure provides smooth movement and excellent durability.
- Use in combination with GX-W50GP 1 for easy handling.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Barrel Polished
②	Wheel	POM	Black
③	Cover	PA	

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-032	GX-W50K	1960	200	300	2	48

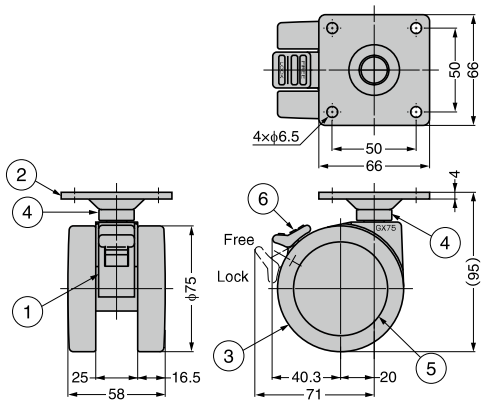
Refer to 1 : P.893

TWIN WHEEL CASTER GX75P Plate Type

LOAD CAPACITY 1960 N



- Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Barrel Polished
②	Plate	Steel	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Shaft	Steel (SWCH)	Coloured Zinc Chromate
⑤	Cover	PA	Black
⑥	Lever		

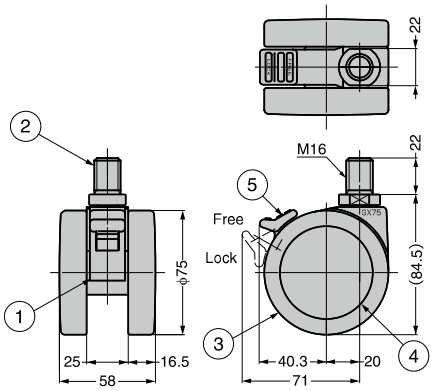
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-218	GX75PS	With Brake	1960	200	445	2	24
G	3D	200-133-217	GX75P	Without Brake			430	2	24

TWIN WHEEL CASTER GX75N16 Threaded Bolt Type

LOAD CAPACITY 1960 N



- Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Barrel Polished
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover		
⑤	Lever		

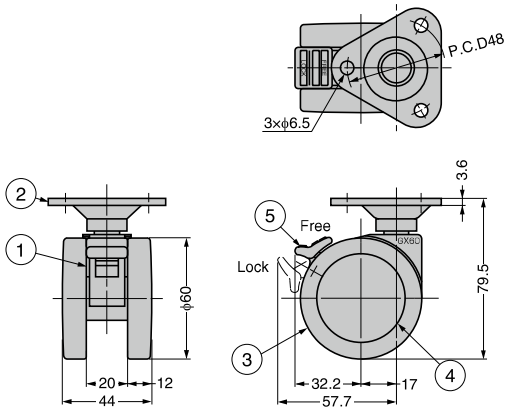
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	–	200-133-220	GX75N16S	With Brake	1960	200	350	2	24
G	–	200-133-219	GX75N16	Without Brake			340	2	24

TWIN WHEEL CASTER GX60P Plate Type

LOAD CAPACITY 1470 N



●Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Barrel Polished
②	Plate	Steel (SPHC)	Coloured Zinc Chromate (Trivalent)
③	Wheel	PA	Black
④	Cover		
⑤	Lever		

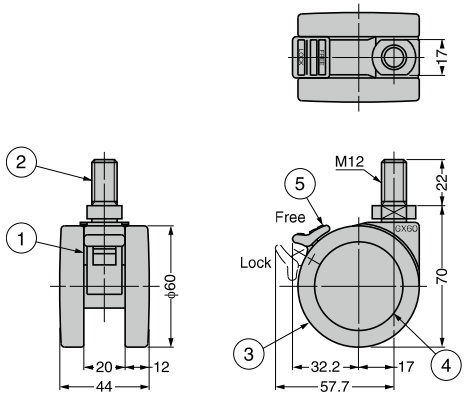
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-181	GX60PS	With Brake	1470	150	225	4	60
G	3D	200-130-033	GX60P	Without Brake				4	60

TWIN WHEEL CASTER GX60N12 Threaded Bolt Type

LOAD CAPACITY 1470 N



●Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Barrel Polished
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
③	Wheel	PA	Black
④	Cover		
⑤	Lever		

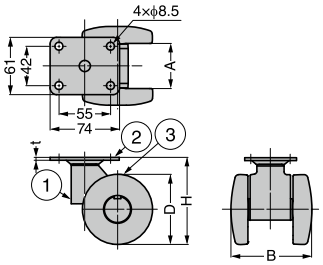
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-183	GX60N12S	With Brake	1470	150	185	4	60
G	3D	200-133-182	GX60N12	Without Brake			180	4	60

PARTS SEPARABLE CASTER CNP Plate Type

LOAD CAPACITY 588 N,1176 N SUS


Black

●Non-levelling glide type of caster CAP 1.



No.	Part Name	Material	Finish/Colour
①	Body	PA	Black (B)/White (W)
②	Plate	Steel	Coloured Zinc Chromate
		Stainless Steel (SUS304)	Passivation※
③	Wheel	PA	Black (B)/White (W)

※ Passivation is a kind of surface treatment providing rust protection for stainless steel.

RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	D	H	A	B	t	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-242	CNPF50B	Steel, PA	Coloured Zinc Chromate, Black	50	63	40	70	3.2	588	60	270	40	–
G	3D	200-130-243	CNPF50W		Coloured Zinc Chromate, White									40	–
G	3D	200-130-244	CNPF75B		Coloured Zinc Chromate, Black	75	92	50	85		1176	120	390	20	–
G	3D	200-130-245	CNPF75W		Coloured Zinc Chromate, White									20	–
G	3D	200-130-252	CNPS50W	Stainless Steel, PA	Passivation, White	50	63	40	70	3	588	60	270	40	–
G	3D	200-130-253	CNPS75W			75	92	50	85		1176	120	390	20	–

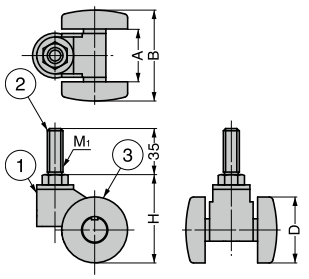
Refer to 1 : P.915

PARTS SEPARABLE CASTER CNB Threaded Bolt Type

LOAD CAPACITY 588 N,1176 N SUS


White

●Non-levelling glide type of caster 1.



No.	Part Name	Material	Finish/Colour
①	Body	PA	Black (B)/White (W)
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
		Stainless Steel (SUS304)	Passivation※
③	Wheel	PA	Black (B)/White (W)

※ Passivation is a kind of surface treatment providing rust protection for stainless steel.

RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	D	H	A	B	M_1	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-234	CNBF50B	Steel, PA	Coloured Zinc Chromate, Black	50	67	40	70	M12	588	60	230	40	–
G	3D	200-130-235	CNBF50W		Coloured Zinc Chromate, White									40	–
G	3D	200-130-236	CNBF75B		Coloured Zinc Chromate, Black	75	96	50	85	M16	1176	120	360	20	–
G	3D	200-130-237	CNBF75W		Coloured Zinc Chromate, White									20	–
G	3D	200-130-248	CNBS50W	Stainless Steel, PA	Passivation, White	50	67	40	70	M12	588	60	230	40	–
G	3D	200-130-249	CNBS75W			75	96	50	85	M16	1176	120	360	20	–

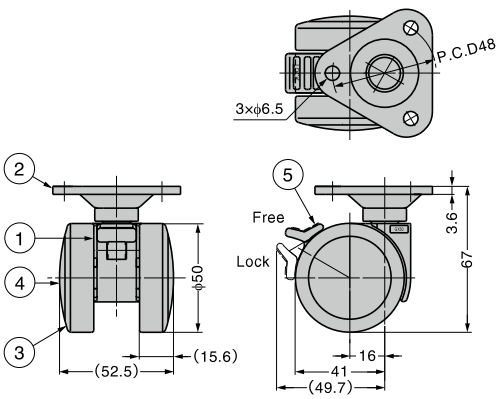
Refer to 1 : P.915

TWIN WHEEL CASTER GX50P Plate Type

LOAD CAPACITY 980 N



●Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy	Barrel Polished
②	Plate	Steel	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover		
⑤	Lever		

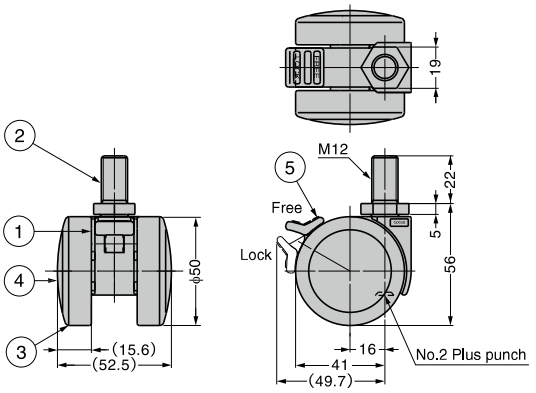
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-173	GX50PS	With Brake	980	100	235	4	72
G	3D	200-133-172	GX50P	Without Brake			230	4	72

TWIN WHEEL CASTER GX50N12 Threaded Bolt Type

LOAD CAPACITY 980 N



●Stable twin wheel structure provides smooth movement and excellent durability.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy	Barrel Polished
②	Threaded Bolt	Steel	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover		
⑤	Lever		

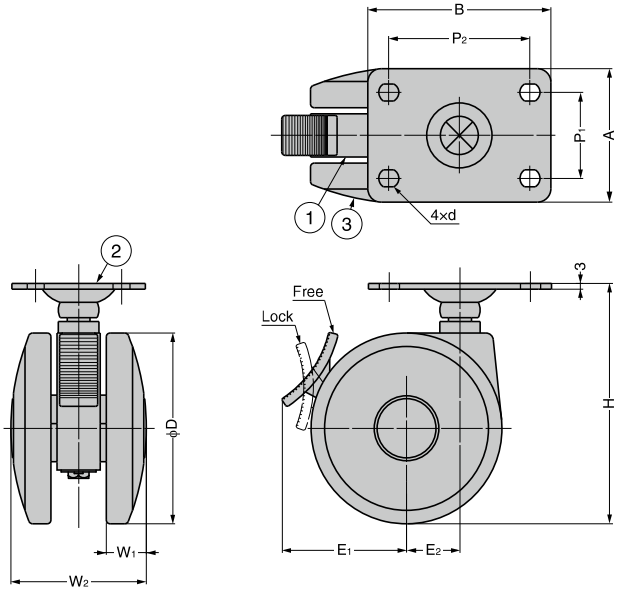
RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-175	GX50N12S	With Brake	980	100	175	4	72
G	3D	200-133-174	GX50N12	Without Brake			170	4	72

TWIN WHEEL CASTER T, TSD Plate Type

LOAD CAPACITY 784 N,980 N



- Easy operation to lock on both wheel and swivel in one step.
- Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement.



TSD-100P shown.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey
②	Plate	Steel	Clear Zinc Chromate (Trivalent)
③	Wheel	PA + PUR	Light Grey

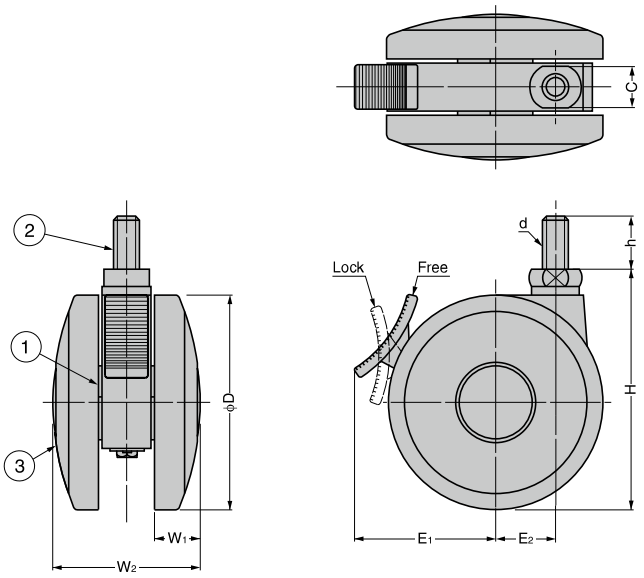
RoHS	CAD	Item Code	Item Name	Type	D	W1	W2	H	A	B	P1	P2	E1	E2	d φ	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-167	TSD-75P	With Brake	76	19	61	94	58	70	42	55	45	21	8.5	784	80	340	–	60
G	3D	200-130-166	T-75P	Without Brake														320	–	60
G	3D	200-130-431	TSD-100P	With Brake	100	20	69	126.5	70	96	45	74	64	28	9×10.5 Oval	980	100	710	–	20
G	3D	200-130-432	T-100P	Without Brake														700	–	20

TWIN WHEEL CASTER T, TSD Threaded Bolt Type

LOAD CAPACITY 784 N,980 N



- Easy operation to lock on both wheel and swivel in one step.
- Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement.



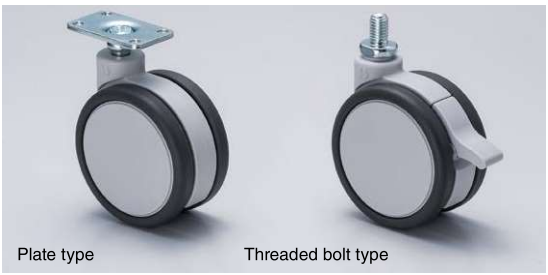
TSD-100B shown.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey
②	Threaded Bolt	Steel	Clear Zinc Chromate (Trivalent)
③	Wheel	PA + PUR	Light Grey

RoHS	CAD	Item Code	Item Name	Type	D	W_1	W_2	H	h	E_1	E_2	C	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-169	TSD-75B	With Brake	76	19	61	86	20	45	21	17	M10	784	80	260	60	–
G	3D	200-130-165	T-75B	Without Brake												240	60	–
G	3D	200-130-430	TSD-100B	With Brake	100	20	69	117.5	25	64	28	21	M12×1.25	980	100	565	20	–
G	3D	200-130-168	T-100B	Without Brake												555	20	–

DESIGN CASTER FS Plate Type/Threaded Bolt Type

Made to Order LOAD CAPACITY 490 N



- 8 cover colours available.
- The cover is removable.
- With lock level to lock the wheel.
- Wheel diameter is φ75.
- Minimum order is 60 pcs.

[Remarks]

- Be careful not to scratch the cover when removing it.

[Colours]



TWIN WHEEL CASTER MFD Plate Type

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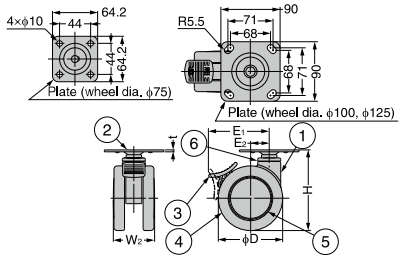




- The brake can lock the wheel rotation and mounting part swivel at the same time.
- Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement.

[Remarks]

- May have hydrolysis reaction depending on usage environment and aging.



No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey ※
②	Plate	Steel	Coloured Zinc Chromate
③	Stopper Pedal	PA	Light Grey
④	Wheel	PA, PUR	
⑤	Cover	PP	Light Grey ※
⑥	Shaft Cover	PA	Light Grey

※Item name suffix "GWP" means white colour.

RoHS	CAD	Item Code	Item Name	Type	D	E1	E2	H	W2	t	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-359	MFDB-75GP	With Brake	75	71	21.5	104	52	3.2	686	70	408	50	–
–	3D	200-130-358	MFD-75GP	Without Brake		–							384	50	–
–	3D	200-130-363	MFDB-100GP	With Brake	100	94	29	132.5	64	4	784	80	831	24	–
–	3D	200-130-362	MFD-100GP	Without Brake		–							793	24	–
–	3D	200-130-370	MFDB-125GWP	With Brake	125	119	39	158.5	74		882	90	1112	24	–
–	3D	200-130-369	MFD-125GWP	Without Brake		–							1066	24	–

TWIN WHEEL CASTER MFD Threaded Bolt Type

LOAD CAPACITY 686~882 N

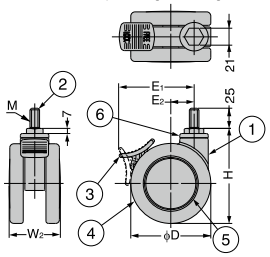




- The brake can lock the wheel rotation and mounting part swivel at the same time.
- Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement.

[Remarks]

- May have hydrolysis reaction depending on usage environment and aging.



No.	Part Name	Material	Finish/Colour
①	Body	PA	Light Grey ※
②	Threaded Bolt	Steel	Coloured Zinc Chromate
③	Stopper Pedal	PA	Light Grey
④	Wheel	PA, PUR	
⑤	Cover	PP	Light Grey ※
⑥	Shaft Cover	PA	Light Grey

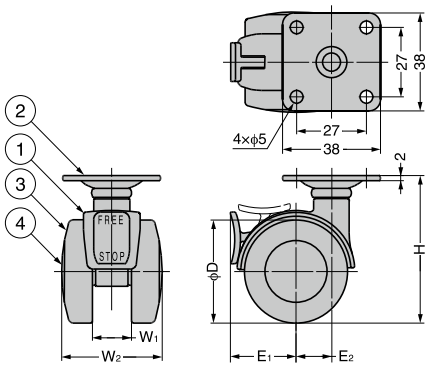
※Item name suffix "GWT" means white colour.

RoHS	CAD	Item Code	Item Name	Type	D	E1	E2	H	W2	M	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-361	MFDB-75GT	With Brake	75	71	21.5	95	52	M12	686	70	321	600	–
–	3D	200-130-360	MFD-75GT	Without Brake									295	60	–
–	3D	200-130-365	MFDB-100GT	With Brake	100	94	29	122.5	64		784	80	689	24	–
–	3D	200-130-364	MFD-100GT	Without Brake									642	24	–
–	3D	200-130-368	MFDB-125GWT	With Brake	125	119	39	149	74	M16	882	90	900	24	–
–	3D	200-130-367	MFD-125GWT	Without Brake									841	24	–

TWIN WHEEL CASTER DB, DS Plate Type

LOAD CAPACITY 490 N,784 N





Drawing above shows the model with brake.

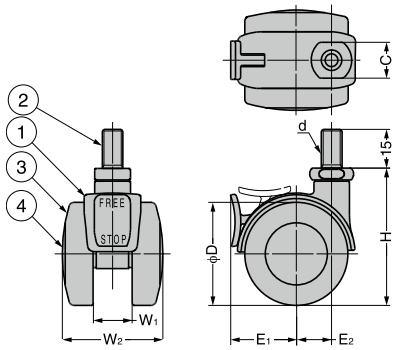
No.	Part Name	Material	Finish/Colour
①	Body	Zinc Alloy (ZDC)	Chrome
②	Plate	Steel	Clear Zinc Chromate
③	Wheel	PA	Black
④	Cover	Stainless Steel (SUS430)	–

RoHS	CAD	Item Code	Item Name	Type	D	W1	W2	H	E1	E2	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-506	DB-40P	With Brake	40.5	15	39.5	58.5	27	12.5	490	50	130	120	–
G	3D	200-132-505	DS-40P	Without Brake					23.5				117	120	–
G	3D	200-132-510	DB-50P	With Brake	50.5	18	46	71.5	33.5	17	784	80	210	100	–
G	3D	200-132-509	DS-50P	Without Brake					29				196	100	–

TWIN WHEEL CASTER DB, DS Threaded Bolt Type

LOAD CAPACITY 490 N,784 N





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Zinc Alloy (ZDC)	Chrome
②	Threaded Bolt	Steel	Metric Screw Thread: Clear Zinc Chromate Inch Screw Thread: Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover	Stainless Steel (SUS430)	–

RoHS	CAD	Item Code	Item Name	Type	D	W1	W2	H	C	d	E1	E2	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-184	DB-40-3	With Brake	40.5	15	39.5	53.5	14	W3/8	27	12.5	490	50	120	120	–
G	3D	200-132-504	DS-40-3	Without Brake							23.5				107	120	–
G	3D	200-943-860	DB-40-8	With Brake						M8	27				120	120	–
G	3D	200-943-859	DS-40-8	Without Brake							23.5				107	120	–
G	3D	200-132-502	DB-40-10	With Brake						M10	27				120	120	–
G	3D	200-132-501	DS-40-10	Without Brake							23.5				107	120	–
G	3D	200-132-508	DB-50-3	With Brake	50.5	18	46	67.5	17	W3/8	33.5	17	784	80	204	100	–
G	3D	200-132-507	DS-50-3	Without Brake							29				190	100	–
G	3D	200-943-866	DB-50-8	With Brake						M8	33.5				204	100	–
G	3D	200-943-865	DS-50-8	Without Brake							29				190	100	–
G	3D	200-943-868	DB-50-10	With Brake						M10	33.5				204	100	–
G	3D	200-943-867	DS-50-10	Without Brake							29				190	100	–

TWIN WHEEL CASTER MUDR-100GP Plate & Non-swivel Type

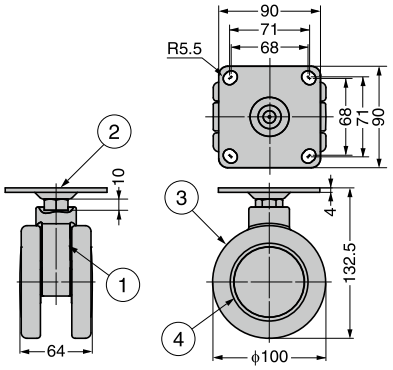
LOAD CAPACITY 784 N



- Non-swivel type of MFD caster. Use in combination with MFDB-100GP and MFD-100GP 1 for stable movement.Besides, swivel type and non-swivel type can be unified with the same design.
- Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement.

[Remarks]

- May have hydrolysis reaction depending on usage environment and aging.



No.	Part Name	Material	Finish/Colour
①	Body	Reinforced Polyamide	Light Grey
②	Plate	Steel	Coloured Zinc Chromate
③	Wheel	PA, PUR	Light Grey
④	Cover	PP	

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-366	MUDR-100GP	784	80	775	24	–

Refer to 1 : P.900

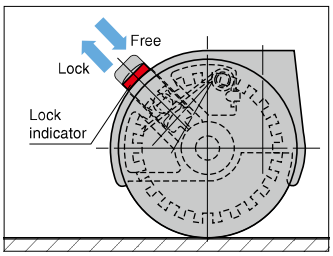
TWIN WHEEL CASTER F-SERIES



- Interior casters with smooth movement, excellent durability and smart design.
- Ideal for use on carpet etc.
- <Plate type>, <threaded bolt type> and <insert bolt type> available for different installation methods.
- All models are equipped with locking mechanism.
- Various types available for different purposes.

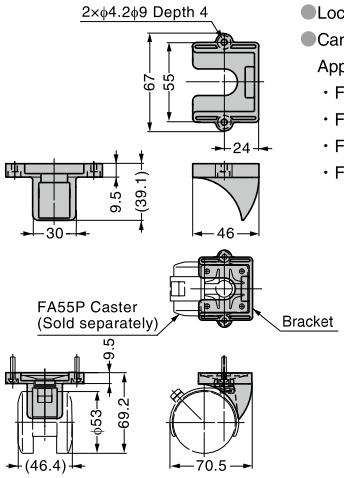
FAU55	Wheel dia. ϕ53 (Elastomer wheel)	Aluminium body
FPU55	Wheel dia. ϕ53 (Elastomer wheel)	Polyamide body
FA55	Wheel dia. ϕ53	Aluminium body
FP55	Wheel dia. ϕ53	Polyamide body
FA45	Wheel dia. ϕ47	Aluminium body
FP45	Wheel dia. ϕ47	Polyamide body

[Locking Mechanism]



BRACKET FOR CASTER FA55-FIX For Caster FAU55P, FPU55P, FA55P, FP55P



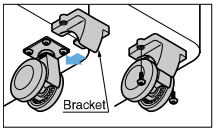


- Locks swivelling.
- Can be installed on following plate type casters.
  Applicable casters :
  - FAU55P 1
  - FPU55P 2
  - FA55P 3
  - FP55P 4

[Application Example]



[Installation]



RoHS	CAD	Item Code	Item Name	Material	Colour	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-012-101	FA55-FIX	Reinforced Polyamide	Black	23	500	–

Refer to 1 : P.904, 2 : P.905, 3 4 : P.906

TWIN WHEEL CASTER FAU55P Plate Type

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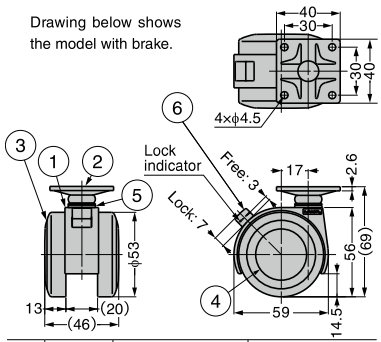


Caster bracket FA55-FIX 1 to lock swivel available.

- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.

Drawing below shows the model with brake.



RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-278	FAU55PSR	With Brake	686	70	179	4	72
G	3D	200-133-283	FAU55PR	Without Brake			175	4	72

Refer to 1 : P.903

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Plate	Steel (SPCC)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Bush		
⑥	Stopper		Black + Red

TWIN WHEEL CASTER FAU55N Threaded Bolt Type

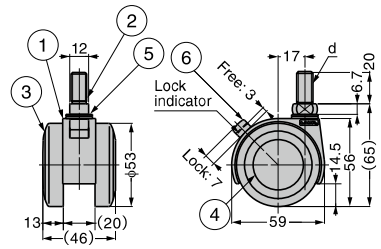
LOAD CAPACITY 686 N



- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.
- The threaded bolt has a dished dent at the upper end for N10 only.

Drawing below shows the model with brake.



RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-279	☆FAU55N3SR	With Brake	W3/8	686	70	155	4	72
G	3D	200-133-284	☆FAU55N3R	Without Brake				151	4	72
G	3D	200-133-280	FAU55N10SR	With Brake	M10			155	4	72
G	3D	200-133-285	FAU55N10R	Without Brake				151	4	72
–	3D	200-133-281	☆FAU55N12SR	With Brake	M12			155	4	72
G	3D	200-133-286	☆FAU55N12R	Without Brake				151	4	72

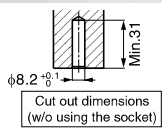
☆Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Bush		
⑥	Stopper		Black + Red

TWIN WHEEL CASTER FAU55S Insert Bolt Type

LOAD CAPACITY 686 N



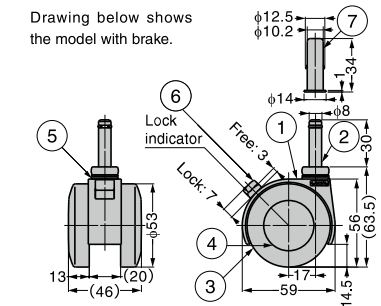


- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.

[Parts Included]
- Socket

Drawing below shows the model with brake.



RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-909	FAU55SSR	With Brake	686	70	158	4	72
–	3D	200-130-910	FAU55SR	Without Brake			154	4	72

※Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Plate	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Bush		
⑥	Stopper		Black + Red
⑦	Socket	Steel (STKM)	Coloured Zinc Chromate

TWIN WHEEL CASTER FPU55P Plate Type

LOAD CAPACITY 490 N

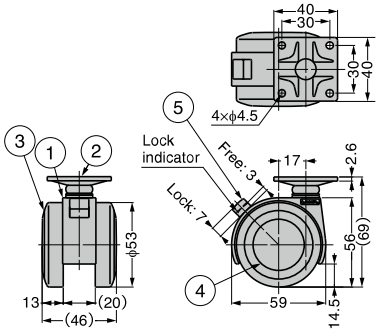


- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.



Caster bracket FA55-FIX 1 to lock swivel available.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-288	FPU55PSR	With Brake	490	50	151	4	72
G	3D	200-133-293	FPU55PR	Without Brake			146	4	72

Refer to 1 : P.903

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Plate	Steel (SPCC)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Stopper		Black + Red

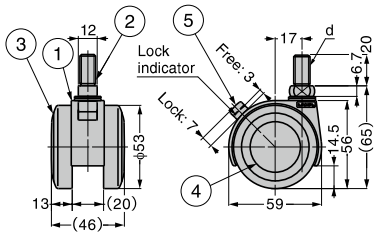
TWIN WHEEL CASTER FPU55N Threaded Bolt Type

LOAD CAPACITY 490 N



- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.
- The threaded bolt has a dished dent at the upper end for N10 only.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-289	☆FPU55N3SR	With Brake	W3/8	490	50	128	4	72
G	3D	200-133-294	☆FPU55N3R	Without Brake				123	4	72
G	3D	200-133-290	FPU55N10SR	With Brake	M10			128	4	72
G	3D	200-133-295	FPU55N10R	Without Brake				123	4	72
G	3D	200-133-291	☆FPU55N12SR	With Brake	M12			128	4	72
G	3D	200-133-296	☆FPU55N12R	Without Brake				123	4	72

☆Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Stopper		Black + Red

TWIN WHEEL CASTER FPU55S Insert Bolt Type

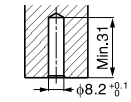
LOAD CAPACITY 490 N



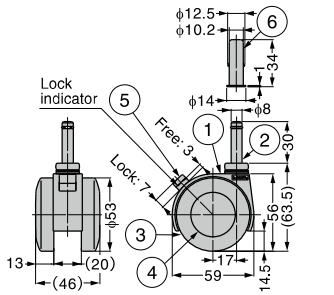
- Wheels are coated in elastomer which absorbs vibration and gives an extra smooth and quiet movement.
- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.

[Parts Included]
- Socket



Cut out dimensions (w/o using the socket)



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-911	FPU55SSR	With Brake	490	50	131	4	72
G	3D	200-130-912	FPU55SR	Without Brake			126	4	72

※Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Insert Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA + Elastomer (TPU)	Black
④	Cover	PA	
⑤	Stopper		Black + Red
⑥	Socket	Steel (STKM)	Coloured Zinc Chromate

TWIN WHEEL CASTER FA55P Plate Type

LOAD CAPACITY 784 N



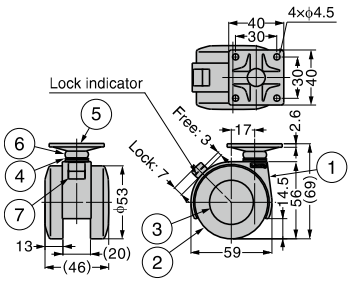


Caster bracket FA55-FIX 1 to lock swivel available.

- With red indicator to show locked state.

[Remarks]

- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-258	FA55PSR	With Brake	784	80	176	4	72
G	3D	200-133-263	FA55PR	Without Brake			171	4	72

Refer to 1 : P.903

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Wheel	PA	Black
③	Cover		
④	Bush		
⑤	Plate	Steel (SPCC)	Coloured Zinc Chromate
⑥	Shaft	Steel (SWCH)	
⑦	Stopper	POM	Black, Red

TWIN WHEEL CASTER FA55N Threaded Bolt Type

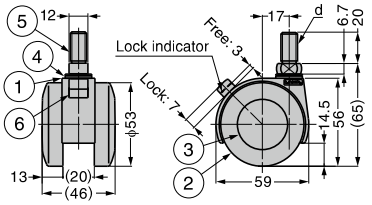
LOAD CAPACITY 784 N



- With red indicator to show locked state.

[Remarks]

- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.
- The threaded bolt has a dished dent at the upper end for N10 only.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-259	FA55N3SR	With Brake	W3/8	784	80	152	4	72
G	3D	200-133-264	FA55N3R	Without Brake				147	4	72
G	3D	200-133-260	FA55N10SR	With Brake	M10			152	4	72
G	3D	200-133-265	FA55N10R	Without Brake				147	4	72
G	3D	200-133-261	FA55N12SR	With Brake	M12			152	4	72
G	3D	200-133-266	FA55N12R	Without Brake				147	4	72

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Wheel	PA	Black
③	Cover		
④	Bush		
⑤	Mounting Screw Axis	Steel (SWCH)	Coloured Zinc Chromate
⑥	Stopper	PA	Black, Red

TWIN WHEEL CASTER FP55P Plate Type

LOAD CAPACITY 490 N



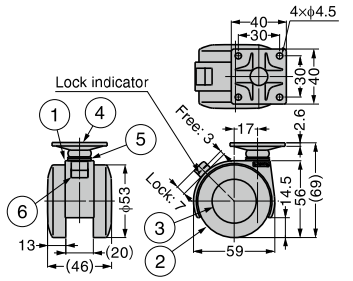


Caster bracket FA55-FIX 1 to lock swivel available.

- With red indicator to show locked state.

[Remarks]

- Push the stopper to handle.Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-268	FP55PSR	With Brake	490	50	148	4	72
G	3D	200-133-273	FP55PR	Without Brake			144	4	72

Refer to 1 : P.903

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
③	Cover		
④	Plate	Steel (SPCC)	Coloured Zinc Chromate
⑤	Shaft	Steel (SWCH)	
⑥	Stopper	POM	Black, Red

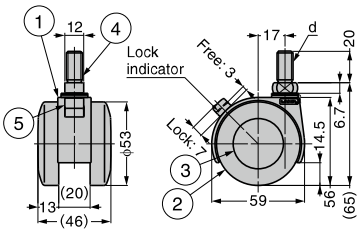
TWIN WHEEL CASTER FP55N Threaded Bolt Type

LOAD CAPACITY 490 N



- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.
- The threaded bolt has a dished dent at the upper end for N10 only.



Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-269	FP55N3SR	With Brake	W3/8	490	50	126	4	72
G	3D	200-133-274	FP55N3R	Without Brake				121	4	72
G	3D	200-133-270	FP55N10SR	With Brake	M10			126	4	72
G	3D	200-133-275	FP55N10R	Without Brake				121	4	72
G	3D	200-133-271	FP55N12SR	With Brake	M12			126	4	72
G	3D	200-133-276	FP55N12R	Without Brake				121	4	72

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
③	Cover		
④	Mounting Screw	Steel (SWCH)	Coloured Zinc Chromate
⑤	Stopper	PA	Black, Red

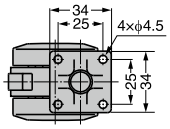
TWIN WHEEL CASTER FA45P Plate Type

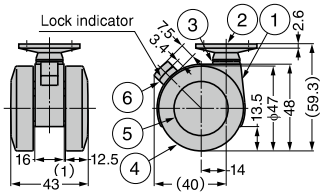
LOAD CAPACITY 490 N



- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Plate	Steel (SPCC)	Coloured Zinc Chromate
③	Shaft	Steel (SWCH)	
④	Wheel	PA	Black
⑤	Cover		
⑥	Stopper		Black, Red

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-213	FA45PSR	With Brake	490	50	117	4	100
G	3D	200-133-212	FA45PR	Without Brake			113	4	100

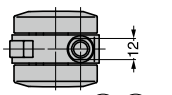
TWIN WHEEL CASTER FA45N Threaded Bolt Type

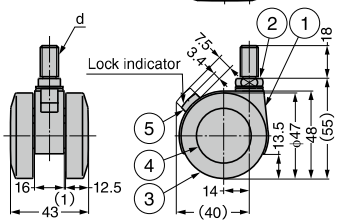
LOAD CAPACITY 490 N



- With red indicator to show locked state.

[Remarks]
- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	Aluminium Alloy (ADC)	Silver Enamel Finish
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover		
⑤	Stopper		Black, Red

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-133-211	FA45N3SR	With Brake	W3/8	490	50	100	4	100
G	3D	200-133-210	FA45N3R	Without Brake				97	4	100
G	3D	200-133-215	FA45N10SR	With Brake	M10			100	4	100
G	3D	200-133-209	FA45N10R	Without Brake				97	4	100

TWIN WHEEL CASTER FP45P Plate Type

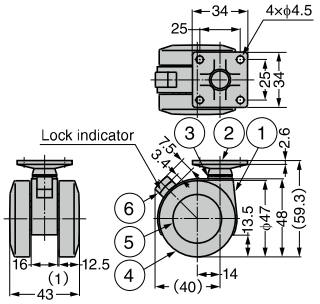
LOAD CAPACITY 392 N



- With red indicator to show locked state.

[Remarks]

- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Plate	Steel (SPCC)	Coloured Zinc Chromate
③	Shaft	Steel (SWCH)	
④	Wheel	PA	Black
⑤	Cover		
⑥	Stopper		Black, Red

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-202	FP45PSR	With Brake	392	40	98	4	100
G	3D	200-133-201	FP45PR	Without Brake			94	4	100

TWIN WHEEL CASTER FP45N Threaded Bolt Type

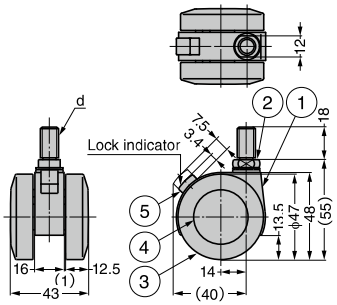
LOAD CAPACITY 392 N



- With red indicator to show locked state.

[Remarks]

- Push the stopper to handle. Red lock indicator means locked state.
- The load capacities in the table below indicate the loads when moving on a smooth surface.



Drawing above shows the model with brake.

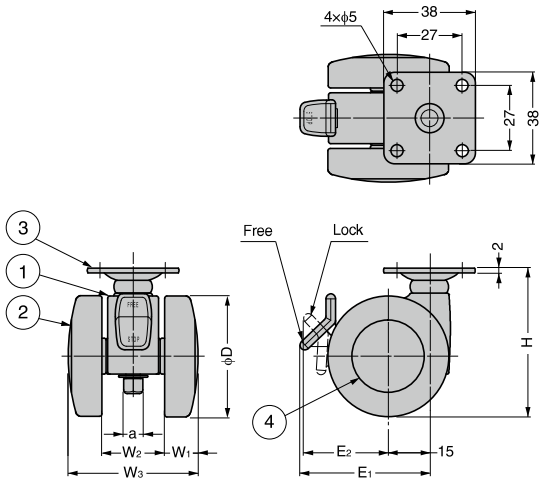
No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover		
⑤	Stopper		Black, Red

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-204	FP45N3SR	With Brake	W3/8	392	40	84	4	100
G	3D	200-133-203	FP45N3R	Without Brake				79	4	100
G	3D	200-133-206	FP45N10SR	With Brake	M10			84	4	100
G	3D	200-133-205	FP45N10R	Without Brake				79	4	100

TWIN WHEEL CASTER NB, NS Plate Type

LOAD CAPACITY 392 N,588 N





Drawing above shows the model with brake.

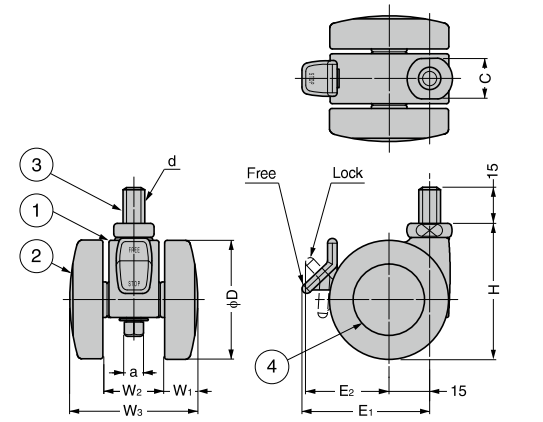
No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
③	Plate	Steel	Clear Zinc Chromate
④	Cover	Stainless Steel (SUS430)	Plain

RoHS	CAD	Item Code	Item Name	Type	D	H	E1	E2	W1	W2	W3	a	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-148	NB-40P	With Brake	40	49	48	32	12	21	45.5	7	392	40	89	200	–
G	3D	200-132-500	NS-40P	Without Brake			–	–							88	200	–
G	3D	200-132-515	NB-50P	With Brake	50	61	52	36	14	25	53	8	588	60	132	120	–
G	3D	200-132-514	NS-50P	Without Brake			–	–							128	120	–

TWIN WHEEL CASTER NB, NS Threaded Bolt Type

LOAD CAPACITY 392 N,588 N





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
③	Threaded Bolt	Steel	Metric Screw Thread: Clear Zinc Chromate Inch Screw Thread: Coloured Zinc Chromate
④	Cover	Stainless Steel (SUS430)	Plain

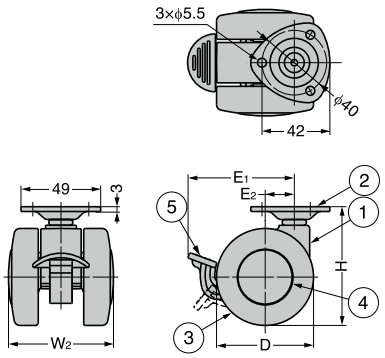
RoHS	CAD	Item Code	Item Name	Type	D	H	E1	E2	W1	W2	W3	C	d	a	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-517	NB-40-3	With Brake	40	45	48	32	12	21	45.5	14	W3/8	7	392	40	76	200	–
G	3D	200-132-511	NS-40-3	Without Brake			–	–									73	200	–
G	3D	200-943-844	NB-40-8	With Brake			48	32					M8				73	200	–
G	3D	200-943-843	NS-40-8	Without Brake			–	–									70	200	–
G	3D	200-132-516	NB-40-10	With Brake			48	32					M10				76	200	–
G	3D	200-132-503	NS-40-10	Without Brake			–	–									76	200	–
G	3D	200-132-513	NB-50-3	With Brake	50	58	52	36	14	25	53	17	W3/8	8	588	60	128	120	–
G	3D	200-132-512	NS-50-3	Without Brake			–	–									117	120	–
G	3D	200-943-850	NB-50-8	With Brake			52	36					M8				121	120	–
G	3D	200-943-849	NS-50-8	Without Brake			–	–									115	120	–
G	3D	200-943-852	NB-50-10	With Brake			52	36					M10				129	120	–
G	3D	200-943-851	NS-50-10	Without Brake			–	–									119	120	–

TWIN WHEEL CASTER JP Plate Type

LOAD CAPACITY 490 N,588 N



●Stable twin wheel structure provides smooth movement.



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Plate	Steel	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover	ABS	
⑤	Stopper Pedal	PA	

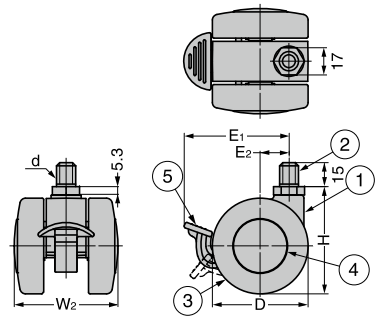
RoHS	CAD	Item Code	Item Name	Type	D	E1	E2	H	W2	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-374	JPB-50BKP	With Brake	50	55	15	62	57	490	50	157	100	–
–	3D	200-130-373	JP-50BKP	Without Brake								151	100	–
–	3D	200-130-378	JPB-60BKP	With Brake	60	66	18	73	65	588	60	204	100	–
–	3D	200-130-377	JP-60BKP	Without Brake								192	100	–

TWIN WHEEL CASTER JP Threaded Bolt Type

LOAD CAPACITY 490 N,588 N



●Stable twin wheel structure provides smooth movement.



Drawing above shows the model with brake.

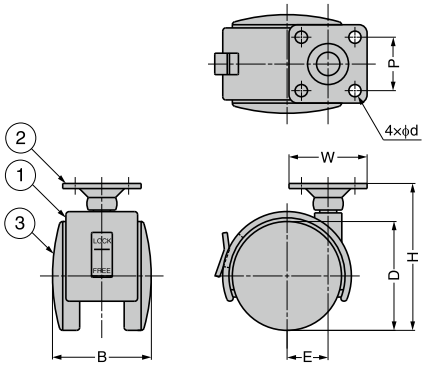
No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel	Coloured Zinc Chromate
③	Wheel	PA	Black
④	Cover	ABS	
⑤	Stopper Pedal	PA	

RoHS	CAD	Item Code	Item Name	Type	D	E1	E2	H	W2	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-372	JPB-50BKT	With Brake	50	55	15	56	57	M10	490	50	126	100	–
–	3D	200-130-371	JP-50BKT	Without Brake									121	100	–
–	3D	200-130-376	JPB-60BKT	With Brake	60	66	18	67	65	M12×1.25	588	60	175	100	–
–	3D	200-130-375	JP-60BKT	Without Brake									164	100	–

TWIN WHEEL CASTER BR Plate Type

LOAD CAPACITY 294 N,392 N





Drawing above shows the model with brake.

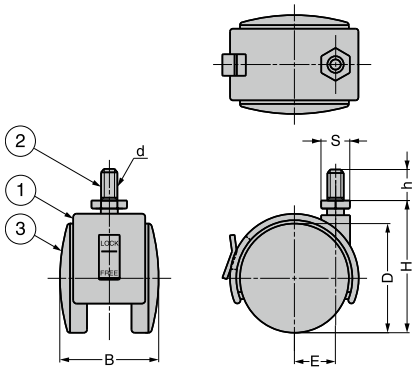
No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Plate	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA	Black

RoHS	CAD	Item Code	Item Name	Type	D	H	B	W	P	E	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-028	BR-20PS	With Brake	45	61.5	42	38	26	16	6	294	30	104	200	–
G	3D	200-132-022	BR-20P	Without Brake										95	200	–
G	3D	200-132-038	BR-25PS	With Brake	53	71.5	48			20		392	40	149	120	–
G	3D	200-132-032	BR-25P	Without Brake										138	120	–

TWIN WHEEL CASTER BR Threaded Bolt Type

LOAD CAPACITY 294 N,392 N





Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA	Black

RoHS	CAD	Item Code	Item Name	Type	D	H	h	B	E	S	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-026	BR-20N8S	With Brake	45	54	15	42	16	14	M8	294	30	79	200	–
G	3D	200-132-020	BR-20N8	Without Brake										69	200	–
G	3D	200-132-036	BR-25N8S	With Brake	53	64		48	20			392	40	117	150	–
G	3D	200-132-030	BR-25N8	Without Brake										106	150	–
G	3D	200-132-037	BR-25N3S	With Brake							W3/8			119	150	–
G	3D	200-132-031	BR-25N3	Without Brake										108	150	–

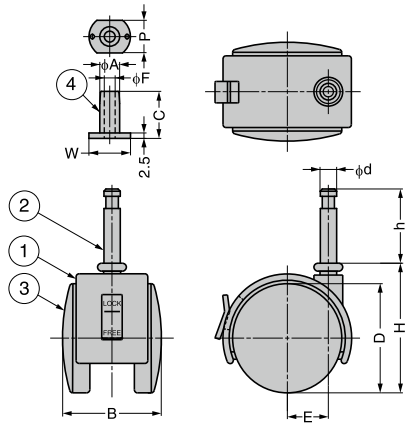
TWIN WHEEL CASTER BR Insert Bolt Type

LOAD CAPACITY 294 N,392 N



[Parts Included]

●Socket



Drawing above shows the model with brake.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Insert Bolt	Steel	Clear Zinc Chromate (Trivalent)
③	Wheel	PA	Black
④	Socket	Polyethylene (PE)	–

RoHS	CAD	Item Code	Item Name	Type	D	H	h	B	E	d	A	W	C	F	P	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-935-963	BR-20SS	With Brake	45	53	36	42	16	8	11.5	22	30	7	17	294	30	85	200	–
G	3D	200-132-025	BR-20S	Without Brake														75	200	–
G	3D	200-936-244	BR-25SS	With Brake	53	63		48	20							392	40	124	140	–
G	3D	200-132-035	BR-25S	Without Brake														113	140	–

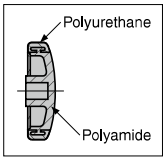
TWIN WHEEL CASTER BU-25P Plate Type

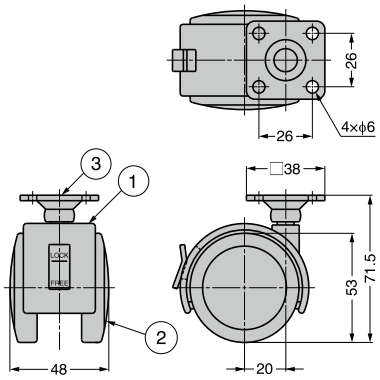
LOAD CAPACITY 392 N



●Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement. Also, unlikely to slip.

[Cross-section Drawing]





Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-047	BU-25PS	With Brake	392	40	157	120	–
G	3D	200-132-040	BU-25P	Without Brake			150	120	–

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
②	Wheel	PUR	
③	Plate	Steel (SPHC)	Clear Zinc Chromate (Trivalent)

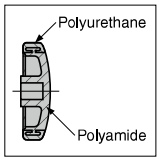
TWIN WHEEL CASTER BU-25N Threaded Bolt Type

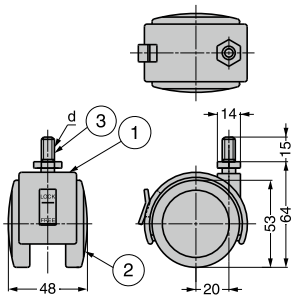
LOAD CAPACITY 392 N



●Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement. Also, unlikely to slip.

[Cross-section Drawing]





Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-045	BU-25N8S	With Brake	M8	392	40	125	150	–
G	3D	200-132-042	BU-25N8	Without Brake				118	150	–
G	3D	200-132-046	BU-25N3S	With Brake	W3/8			126	150	–
G	3D	200-132-043	BU-25N3	Without Brake				119	150	–

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
②	Wheel	PUR	
③	Threaded Bolt	Steel	Clear Zinc Chromate (Trivalent)

TWIN WHEEL CASTER BU-25S Insert Bolt Type

LOAD CAPACITY 392 N

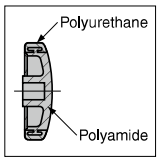


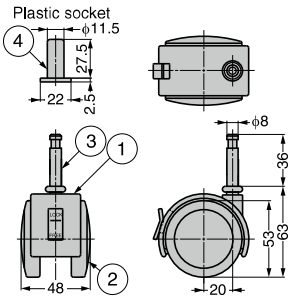
●Wheels are coated in polyurethane which absorbs vibration and gives an extra smooth and quiet movement. Also, unlikely to slip.

[Parts Included]

●Socket

[Cross-section Drawing]





Drawing above shows the model with brake.

RoHS	CAD	Item Code	Item Name	Type	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-132-048	BU-25SS	With Brake	392	40	132	140	–
G	3D	200-132-044	BU-25S	Without Brake			125	140	–

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Wheel		
②	Wheel	PUR	
③	Insert Bolt	Steel	Clear Zinc Chromate (Trivalent)
④	Socket	Polyethylene (PE)	–

TWIN WHEEL CASTER PT-30P Plate Type & Economical Version

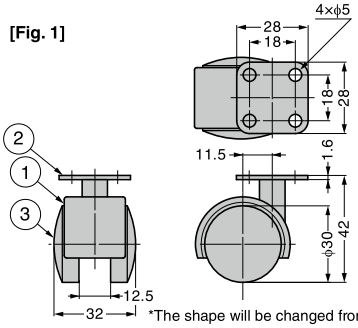
LOAD CAPACITY 200 N



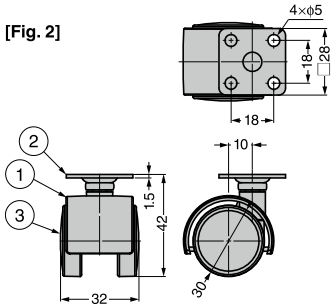
[New Type]



[Fig. 1]



[Fig. 2]



*The shape will be changed from [Fig. 1] to [Fig. 2], when the current stock runs out.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Plate	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
③	Wheel	PA	Black

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-013-009	PT-30P	200	20.4	34	1	400

CASTER WITH LEVELLING GLIDE AF Plate Type

LOAD CAPACITY 2499 N



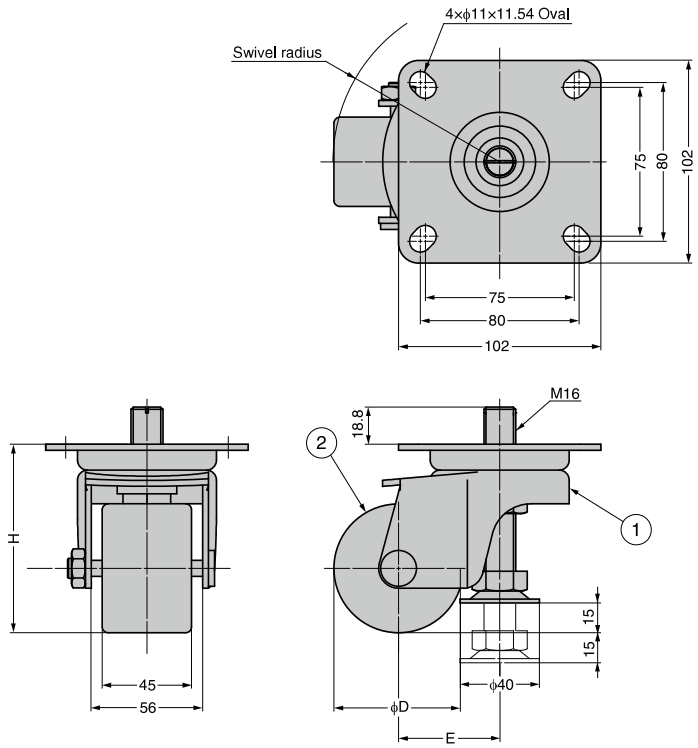
Using caster　　Using levelling glide

- With integrated levelling glide.
- Low profile and heavy duty
- Ideal for fixtures and devices without frequent movement (long fixation period).
- Built-in bearing of wheel shaft provides excellent rotation and smooth movement.
- Can be installed at the four corners of cabinet.

[Applications]

- Medical equipment, automatic equipment, semiconductor equipment, financial equipment, other heavy equipment required for space saving, heavy equipment fixed for a long time, etc.

HEAVY DUTY CASTERS
SINGLE WHEEL CASTERS
TWIN WHEEL CASTERS
CASTERS WITH LEVELLING GLIDES
BALL CASTERS
SLIDING DOOR ROLLERS



No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
②	Wheel	PA	Black

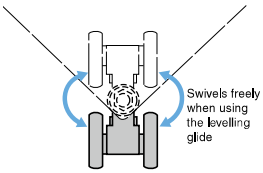
RoHS	CAD	Item Code	Item Name	D	H	E	Swivel Radius	Load Capacity N/pc	Load Capacity kgf/pc	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-130-390	AF-50	50	74	46	73	2499	255	1.19	18	–
G	3D	200-130-391	AF-65	65	95	51	84			1.32	12	–

PARTS SEPARABLE CASTER (W/GLIDE) CAP Plate Type

LOAD CAPACITY 588~1176 N SUS



- Caster with built-in levelling glide.
- Ideal for fixtures and devices without frequent movement (long fixation period).
- Two types of wheels available: Polyamide and elastomer.
- Model without levelling glide 1 and options such as shockproof plate, rubber seat used for levelling glide are also available.



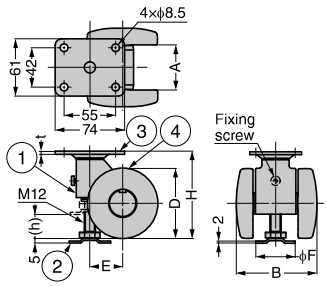
After installing the levelling glide, caster direction can be changed. Caster will not interfere with operation when its direction is set to the inside of cabinet.

[Remarks]

- Please loose the fixing screw when using as a caster.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black (B)/White (W)
②	Levelling Glide	Steel	Coloured Zinc Chromate
		Stainless Steel (SUS304)	Passivation※
③	Plate	Steel	Coloured Zinc Chromate
		Stainless Steel (SUS304)	Passivation※
④	Wheel	PA/Elastomer (TPE)	Black (B)/White (W)

※Passivation is a kind of surface treatment providing rust protection for stainless steel.



RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	D	H	h	E	F	A	B	t	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-238	CAPF50B	Steel, PA	Coloured Zinc Chromate, Black	50	63	10	30	34	40	70	3.2	588	60	306	40	–
G	3D	200-130-239	CAPF50W		Coloured Zinc Chromate, White												40	–
G	3D	200-130-808	CAPF50UB	Steel, Elastomer (TPE)	Coloured Zinc Chromate, Black											300	40	–
G	3D	200-130-809	CAPF50UW		Coloured Zinc Chromate, White												40	–
G	3D	200-130-240	CAPF75B	Steel, PA	Coloured Zinc Chromate, Black	75	92	24	35	42	50	85		1176	120	424	20	–
G	3D	200-130-241	CAPF75W		Coloured Zinc Chromate, White												20	–
G	3D	200-130-810	CAPF75UB	Steel, Elastomer (TPE)	Coloured Zinc Chromate, Black											460	20	–
G	3D	200-130-811	CAPF75UW		Coloured Zinc Chromate, White												20	–
G	3D	200-130-250	CAPS50W	Stainless Steel, PA	Passivation, White	50	63	10	30	34	40	70	3	588	60	300	40	–
G	3D	200-130-820	CAPS50UW	Stainless Steel, Elastomer (TPE)													40	–
G	3D	200-130-251	CAPS75W	Stainless Steel, PA		75	92	24	35	42	50	85		1176	120	420	20	–
G	3D	200-130-821	CAPS75UW	Stainless Steel, Elastomer (TPE)												460	20	–

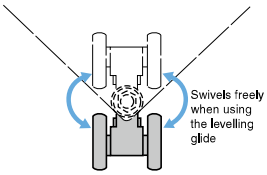
Refer to 1 : P.896

PARTS SEPARABLE CASTER (W/GLIDE) CAB Threaded Bolt Type

LOAD CAPACITY 588~1176 N SUS



- Caster with built-in levelling glide.
- Ideal for fixtures and devices without frequent movement (long fixation period).
- Two types of wheels available: Polyamide and elastomer.
- Model without levelling glide 1 and options such as shockproof plate, rubber seat used for levelling glide are also available.



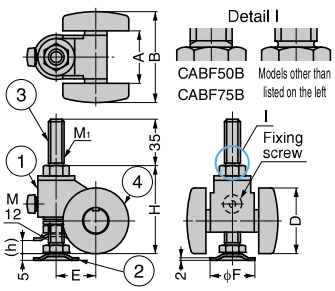
After installing the levelling glide, caster direction can be changed. Caster will not interfere with operation when its direction is set to the inside of cabinet.

[Remarks]

- Please loose the fixing screw when using as a caster.

No.	Part Name	Material	Finish/Colour
①	Body	PA	Black (B)/White (W)
②	Levelling Glide	Steel (SS)	Coloured Zinc Chromate (Trivalent)
		Stainless Steel (SUS304)	Passivation※
③	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
		Stainless Steel (SUS304)	Passivation※
④	Wheel	PA/Elastomer (TPE)	Black (B)/White (W)

※Passivation is a kind of surface treatment providing rust protection for stainless steel.



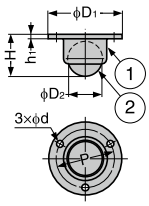
RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	D	H	h	E	F	A	B	M1	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-230	CABF50B	Steel, PA	Coloured Zinc Chromate, Black	50	67	10	30	34	40	70	M12	588	60	260	40	–
G	3D	200-130-231	CABF50W		Coloured Zinc Chromate, White												40	–
G	3D	200-130-800	CABF50UB	Steel, Elastomer (TPE)	Coloured Zinc Chromate, Black												40	–
G	3D	200-130-801	CABF50UW		Coloured Zinc Chromate, White												40	–
G	3D	200-130-232	CABF75B	Steel, PA	Coloured Zinc Chromate, Black	75	96	24	35	42	50	85	M16	1176	120	400	20	–
G	3D	200-130-233	CABF75W		Coloured Zinc Chromate, White												20	–
G	3D	200-130-802	CABF75UB	Steel, Elastomer (TPE)	Coloured Zinc Chromate, Black											430	20	–
G	3D	200-130-803	CABF75UW		Coloured Zinc Chromate, White												20	–
G	3D	200-130-246	CABS50W	Stainless Steel, PA	Passivation, White	50	67	10	30	34	40	70	M12	588	60	262	40	–
G	3D	200-130-816	CABS50UW	Stainless Steel, Elastomer (TPE)												230	40	–
G	–	200-130-247	CABS75W	Stainless Steel, PA		75	96	24	35	42	50	85	M16	1176	120	402	20	–
G	–	200-130-817	CABS75UW	Stainless Steel, Elastomer (TPE)												430	20	–

Refer to 1 : P.896

BALL CASTER (SURFACE MOUNT TYPE) BM

LOAD CAPACITY 98~392 N





[Remarks]
- Dimensions in the figure are for reference. Also, steel ball may scratch the floor contact surface. Please confirm the actual item before use.

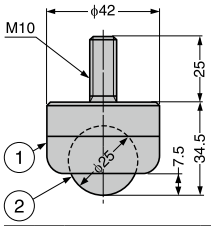
No.	Part Name	Material	Finish
①	Body	Steel (SPCC)	Brass
②	Ball	Steel (SWCH), Steel (SUJ): BM12 Only	Polished

RoHS	CAD	Item Code	Item Name	D1	D2	H	P	h1	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-013-982	BM-12	28.9	11.9	15.2	21.8	1.7	2.5	98	10	17.5	100	800
G	3D	200-013-983	BM-15	33.7	14.3	19.3	26.6	2.1	2.8	118	12	31.5	8	400
G	3D	200-133-020	BM-20	37	17.5	23	29.5	3	2.7	147	15	52	8	400
G	3D	200-133-021	BM-25	44	22.2	27	36	3.2	2.8	245	25	93	4	200
G	3D	200-133-022	BM-32	57	25.4	32	47		4.7	392	40	150	4	200

PLASTIC CASTER (THREADED BOLT TYPE) NT

LOAD CAPACITY 245 N





[Remarks]
- Inbuilt ball bearing is made of steel.
- The load capacity is static load value.
- Do not use it on a vertical surface. It may cause noise, deformation or damage.

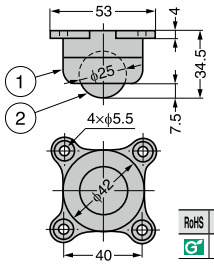
No.	Part Name	Material	Colour
①	Body	PA	Brown
②	Ball	Melamine Resin (MF)	Ivory

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-010	NT-25	245	25	58	20	200

PLASTIC CASTER (SURFACE MOUNT TYPE) NS

LOAD CAPACITY 245 N





[Remarks]
- Inbuilt ball bearing is made of steel.
- The load capacity is static load value.
- Do not use it on a vertical surface. It may cause noise, deformation or damage.

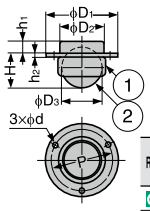
No.	Part Name	Material	Colour
①	Body	PA	Brown
②	Ball	Melamine Resin (MF)	Ivory

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-422	NS-25	245	25	43	20	200

BALL CASTER (RECESSED MOUNT TYPE) BH

LOAD CAPACITY 98~196 N





[Remarks]
- Dimensions in the figure are for reference. Also, steel ball may scratch the floor contact surface. Please confirm the actual item before use.

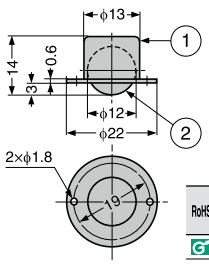
No.	Part Name	Material	Colour
①	Body	Steel (SPCC)	Brass
②	Ball	Steel (SWCH)	Polished

RoHS	CAD	Item Code	Item Name	D1	D2	D3	H	P	h1	h2	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-030	BH-20	30	18.3	17.5	16	24	5	1.6	2	98	10	35	8	400
G	3D	200-133-031	BH-25	41	24.7	22.2	19.5	36	6	2.3	2.6	147	15	73	4	200
G	3D	200-133-032	BH-32	48	29.3	25.4	24.5	41				196	20	113	4	200

MINI BALL CASTER (RECESSED MOUNT TYPE) BHB-12

LOAD CAPACITY 78.4 N





[Remarks]
- Dimensions in the figure are for reference. Also, steel ball may scratch the floor contact surface. Please confirm the actual item before use.

No.	Part Name	Material	Finish
①	Body	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
②	Ball	Steel (SUJ)	Polished

RoHS	CAD	Item Code	Item Name	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-133-040	BHB-12	78.4	8	11	100	2000

STAINLESS STEEL SLIDING DOOR ROLLER JS315 L Type w/ Bracket

LOAD CAPACITY 14700~27440 N

SUS

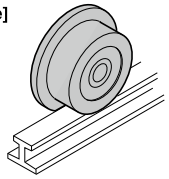


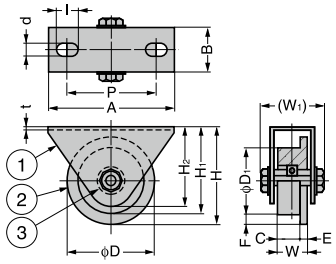
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.
- Welding or screwing is possible for installation.

[Applications]

- Gates, etc.

[Application Example]





No.	Part Name	Material	Finish
①	Bracket	Stainless Steel (SUS304)	Polished ※
②	Wheel	Stainless Steel (SUS303)	–
③	Bearing	Stainless Steel (SUS440C)	

※ Mirror polished for wheel diameter more than ϕ150.

RoHS	CAD	Item Code	Item Name	D	D1	W	W1	A	B	C	E	F	H	H1	H2	d	I	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-778	JS315-100L	120	100	36	70	145	46	27	9	10	124	114	87	11	15	115	3	14700	1500	3	1	4
G	3D	200-024-779	JS315-150L	150	130	43	88	250	57	33	10		165	155	137	20	35	185	4	21560	2200	6.8	1	2
G	3D	200-024-780	JS315-200L	200	170	50	107	290	70	36.5	13.5	15	215	200	160			216	6	27440	2800	13.4	1	1

STAINLESS STEEL SLIDING DOOR ROLLER JS325 L Type w/o Bracket

SUS



- Non-bracket type of JS315 1.
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.

[Applications]

- Gates, etc.

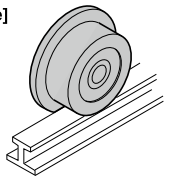
[Remarks]

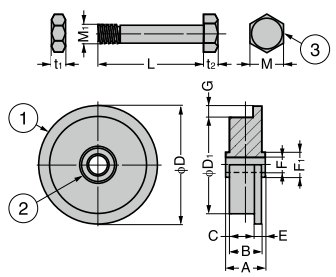
- The boss width A of wheel diameter ϕ150 and ϕ200 contains the thickness of supplied washer.

[Parts Included]

- Bolt, nut, spring washer, spacer × 2

[Application Example]





No.	Part Name	Material	Finish
①	Wheel	Stainless Steel (SUS303)	–
②	Bearing	Stainless Steel (SUS440C)	
③	Bolt	Stainless Steel (SUS304)	

RoHS	CAD	Item Code	Item Name	D	D1	A	B	C	E	F	F1	G	L	M	M1	t1	t2	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-781	JS325-100L	120	100	40	36	27	9	16	25	10	60	27	M16	10.5	10	0.7	1	4
G	3D	200-024-782	JS325-150L	150	130	49	43	33	10	20	40		75	30	M20	12	13	4.9	1	2
G	3D	200-024-783	JS325-200L	200	170	58	50	36.5	13.5	25		15	92		M24	14	15	9.4	1	1

Refer to 1 : P.917

STAINLESS STEEL SLIDING DOOR ROLLER JS300 V Type w/ Bracket

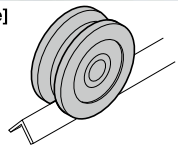
LOAD CAPACITY 3920~27440 N SUS



- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.
- Welding or screwing is possible for installation.

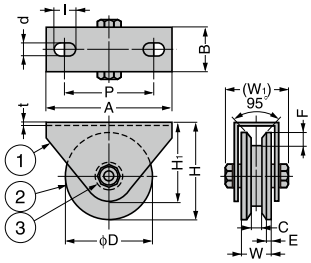
[Applications]
- Gates, etc.

[Application Example]



No.	Part Name	Material	Finish
①	Bracket	Stainless Steel (SUS304)	Polished※
②	Wheel	Stainless Steel (SUS303)	–
③	Bearing	Stainless Steel (SUS440C)	

※Mirror polished for wheel diameter more than ϕ150.



RoHS	CAD	Item Code	Item Name	D	W	W1	A	B	C	E	F	H	H1	d	I	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-736	JS300-50V	50	20	47	100	30	7.5	3.5	7	62	57	11	15	75	3	3920	400	0.5	1	20
G	3D	200-024-737	JS300-60V	60								67						4900	500	0.6	1	20
G	3D	200-024-738	JS300-75V	75			120					87.5	76.5			85		6370	650	0.9	1	10
G	3D	200-024-739	JS300-90V	90								95				95		11760	1200	1.2	1	10
G	3D	200-024-740	JS300-110V	110	24	53	145	34	10.5	4.6	8	120	93.5			114		13720	1400	2	1	5
G	3D	200-024-741	JS300-150V	150	43	88	250	57	13	8	18	165	137	20	35	185	4	21560	2200	6.8	1	2
G	3D	200-024-742	JS300-200V	200	50	107	290	70	15	7	20	215	160			216	6	27440	2800	13	1	1

STAINLESS STEEL SLIDING DOOR ROLLER JS310 V Type w/o Bracket

SUS



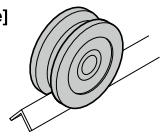
- Non-bracket type of JS300 1.
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.

[Applications]
- Gates, etc.

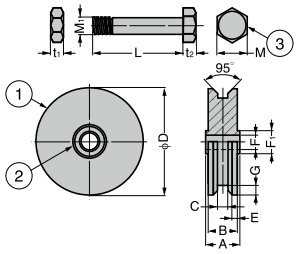
[Remarks]
- The dimension A of wheel diameter ϕ150 and ϕ200 contains the thickness of supplied washer.

[Parts Included]
- Bolt, nut, spring washer, spacer × 2

[Application Example]



No.	Part Name	Material	Finish
①	Wheel	Stainless Steel (SUS303)	–
②	Bearing	Stainless Steel (SUS440C)	
③	Bolt	Stainless Steel (SUS304)	



RoHS	CAD	Item Code	Item Name	D	A	B	C	E	F	F1	G	L	M	M1	t1	t2	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-743	JS310-50V	50	24	20	7.5	3.5	10	18	7	40	17	M10	6	7	0.2	1	20
G	3D	200-024-744	JS310-60V	60													0.3	1	20
G	3D	200-024-745	JS310-75V	75													0.6	1	20
G	3D	200-024-746	JS310-90V	90													0.8	1	20
G	3D	200-024-747	JS310-110V	110	28	24	10.5	4.6	12	20	8	45	19	M12	7	8	1.5	1	10
G	3D	200-024-748	JS310-150V	150	49	43	13	8	20	40	18	75	30	M20	12	13	4.9	1	2
G	3D	200-024-749	JS310-200V	200	58	50	15	7	25		20	92		M24	14	15	9	1	1

Refer to 1 : P.918

STAINLESS STEEL SLIDING DOOR ROLLER JS365 U Type w/ Bracket

LOAD CAPACITY 3920~27440 N

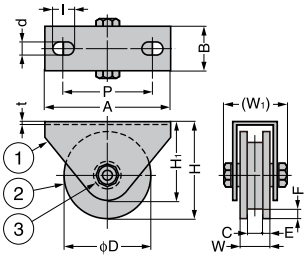
SUS



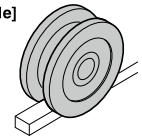
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.
- Welding or screwing is possible for installation.

[Applications]

- Gates, etc.



[Application Example]



No.	Part Name	Material	Finish
①	Bracket	Stainless Steel (SUS304)	Polished※
②	Wheel	Stainless Steel (SUS303)	–
③	Bearing	Stainless Steel (SUS440C)	

※ Mirror polished for wheel diameter more than ϕ150.

RoHS	CAD	Item Code	Item Name	D	W	W1	A	B	C	E	F	H	H1	d	l	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-750	JS365-50H	50	20	47	100	30	7.5	6.3	7	62	57	11	15	75	3	3920	400	0.5	1	20
G	3D	200-024-751	JS365-60H	60								67						4900	500	0.6	1	20
G	3D	200-024-752	JS365-75H	75			120					87.5	76.5			85		6370	650	0.9	1	10
G	3D	200-024-753	JS365-90H	90					10.5	4.8		95				95		11760	1200	1.2	1	10
G	3D	200-024-754	JS365-110H	110	24	53	145	34	14	5	8	120	93.5			114		13720	1400	2	1	5
G	3D	200-024-755	JS365-150H	150	43	88	250	57	27	8	15	165	137	20	35	185	4	21560	2200	6.5	1	2
G	3D	200-024-756	JS365-200H	200	50	107	290	70		11.5	14	215	160			216	6	27440	2800	14	1	1

STAINLESS STEEL SLIDING DOOR ROLLER JS380 U Type w/o Bracket

SUS



- Non-bracket type of JS365 1.
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.

[Applications]

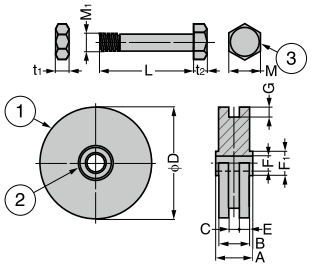
- Gates, etc.

[Remarks]

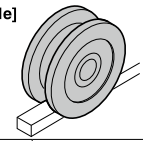
- The dimension A of wheel diameter ϕ150 and ϕ200 contains the thickness of supplied washer.

[Parts Included]

- Bolt, nut, spring washer, spacer × 2



[Application Example]



No.	Part Name	Material	Finish
①	Wheel	Stainless Steel (SUS303)	–
②	Bearing	Stainless Steel (SUS440C)	
③	Bolt	Stainless Steel (SUS304)	

RoHS	CAD	Item Code	Item Name	D	A	B	C	E	F	F1	G	L	M	M1	t1	t2	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-757	JS380-50H	50	24	20	7.5	6.3	10	18	7	40	17	M10	6	7	0.2	1	20
G	3D	200-024-758	JS380-60H	60													0.3	1	20
G	3D	200-024-759	JS380-75H	75													0.6	1	20
G	3D	200-024-760	JS380-90H	90			10.5	4.8									0.8	1	20
G	3D	200-024-761	JS380-110H	110	28	24	14	5	12	20	8	45	19	M12	7	8	1.5	1	10
G	3D	200-024-762	JS380-150H	150	49	43	27	8	20	40	15	75	30	M20	12	13	4.6	1	4
G	3D	200-024-763	JS380-200H	200	58	50		11.5	25		14	92		M24	14	15	10	1	1

Refer to 1 : P.919

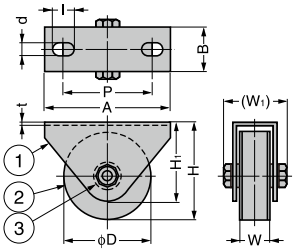
STAINLESS STEEL SLIDING DOOR ROLLER JS375 Flat Type w/ Bracket

LOAD CAPACITY 3920~27440 N SUS



- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.
- Welding or screwing is possible for installation.

[Applications]
- Gates, etc.



No.	Part Name	Material	Finish
①	Bracket	Stainless Steel (SUS304)	Polished※
②	Wheel	Stainless Steel (SUS303)	–
③	Bearing	Stainless Steel (SUS440C)	

※Mirror polished for wheel diameter more than ϕ150.

RoHS	CAD	Item Code	Item Name	D	W	W1	H	H1	A	B	d	l	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-764	JS375-50F	50	20	47	62	57	100	30	11	15	75	3	3920	400	0.5	1	20
G	3D	200-024-765	JS375-60F	60			67								4900	500	0.7	1	20
G	3D	200-024-766	JS375-75F	75			87.5	76.5	120				85		6370	650	1	1	10
G	3D	200-024-767	JS375-90F	90			95						95		11760	1200	1.3	1	10
G	3D	200-024-768	JS375-110F	110	24	53	120	93.5	145	34			114		13720	1400	2.3	1	5
G	3D	200-024-769	JS375-150F	150	43	88	165	137	250	57	20	35	185	4	21560	2200	7.8	1	2
G	3D	200-024-770	JS375-200F	200	50	107	215	160	290	70			216	6	27440	2800	15.7	1	1

STAINLESS STEEL SLIDING DOOR ROLLER JS385 Flat Type w/o Bracket

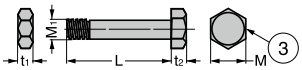
SUS



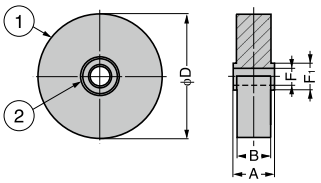
- Non-bracket type of JS375 1.
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ150, providing smooth movement even for heavy doors.

[Applications]
- Gates, etc.

[Remarks]
- The dimension A of wheel diameter ϕ150 and ϕ200 contains the thickness of supplied washer.



[Parts Included]
- Bolt, nut, spring washer, spacer × 2



No.	Part Name	Material	Finish
①	Wheel	Stainless Steel (SUS303)	–
②	Bearing	Stainless Steel (SUS440C)	
③	Bolt	Stainless Steel (SUS304)	

RoHS	CAD	Item Code	Item Name	D	A	B	F	F1	L	M	M1	t1	t2	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-771	JS385-50F	50	24	20	10	18	40	17	M10	6	7	0.3	1	20
G	3D	200-024-772	JS385-60F	60										0.4	1	20
G	3D	200-024-773	JS385-75F	75										0.6	1	20
G	3D	200-024-774	JS385-90F	90										1	1	10
G	3D	200-024-775	JS385-110F	110	28	24	12	20	45	19	M12	7	8	1.8	1	10
G	3D	200-024-776	JS385-150F	150	49	43	20	40	75	30	M20	12	13	5.9	1	2
G	3D	200-024-777	JS385-200F	200	58	50	25		92		M24	14	15	11.7	1	1

Refer to 1 : P.920

SLIDING DOOR ROLLER JC100 V Type w/ Bracket

LOAD CAPACITY 3430~24500 N

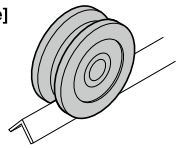


- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.
- Gap between bracket and wheel absorbs deformation and allows for smooth movement.

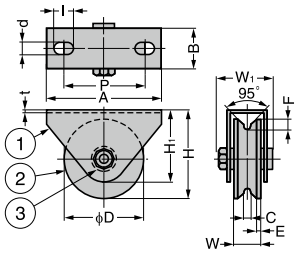
[Applications]

- Gates, etc.

[Application Example]



No.	Part Name	Material	Finish
①	Bracket	Steel (SPHC)	Clear Zinc Chromate
②	Wheel	Ductile Cast Iron	Black Enamel Finish
③	Bearing	–	–



RoHS	CAD	Item Code	Item Name	D	W	W1	A	B	C	E	F	H	H1	d	I	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-024-785	JC100-50V	50	20	41	100	33	5	4.7	6	64	60	11	11	70	3.2	3430	350	0.5	1	30
–	3D	200-024-786	JC100-60V	60	26	46		38	7	5.7	8	67	58					4410	450	0.7	1	15
G	3D	200-024-787	JC100-75V	75			120	37		4.5	8.5	88	76.5		15	94		5880	600	1	1	10
G	3D	200-024-788	JC100-90V	90						4.6	9	95.5						6860	700	1.3	1	10
G	3D	200-024-789	JC100-100V	105	28	50	145	39.5		4.8	11	118	93.5			115		7840	800	1.7	1	10
G	3D	200-024-790	JC100-120V	120								125.5						9800	1000	2	1	8
G	3D	200-024-791	JC100-150V	150	43	88	250	60	13.5	7.7	18	165	137	20	35	185	6	19600	2000	6.4	1	2
G	3D	200-024-792	JC100-200V	200	50	105	290	70	15	7	20	215	160			216		24500	2500	11	1	1

SLIDING DOOR ROLLER JC110 V Type w/o Bracket



- Non-bracket type of JC100 1.
- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.

[Applications]

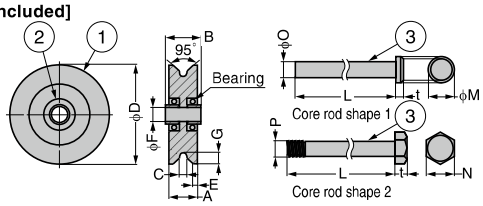
- Gates, etc.

[Remarks]

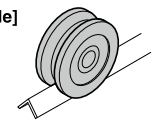
- Core rod for wheel diameter ϕ50~ϕ120 is not grooved for E-ring. Core rod for ϕ150~ϕ200 consists of one bolt and one nut.
- The shape of core rod varies depending on its size. Please confirm with the figure below.

[Parts Included]

- Wheel shaft



[Application Example]



No.	Part Name	Material	Finish
①	Wheel	Ductile Cast Iron	Black Enamel Finish
②	Bearing	–	–
③	Core Rod	Steel (SWCH)	

RoHS	CAD	Item Code	Item Name	D	A	B	C	E	F	G	L	M	N	O	P	t	Weight (kg)	Core Rod Shape	Box (pcs)	Carton (pcs)
–	3D	200-024-793	JC110-50V	50	20	25	5	4.7	13	6	75	19	–	12.9	–	4	0.2	1	1	40
–	3D	200-024-794	JC110-60V	60	26	30	7	5.7		8							0.4		1	20
G	3D	200-024-795	JC110-75V	75		29		4.5		8.5							0.5		1	20
G	3D	200-024-796	JC110-90V	90				4.6		9							0.8		1	20
G	3D	200-024-797	JC110-100V	105	28	32		4.8	16	11		24		15.9		5	1.1		1	10
G	3D	200-024-798	JC110-120V	120													1.3		1	10
–	3D	200-024-799	JC110-150V	150	43	48	13.5	7.7	20	18	100	–	30	–	M20	13	3.3	2	1	4
–	3D	200-024-800	JC110-200V	200	50	58	15	7	24	20	120		36		M24	15	7		1	2

Refer to 1 : P.921

SLIDING DOOR ROLLER JC135 U Type w/ Bracket

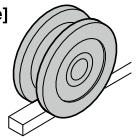
Made to Order | LOAD CAPACITY 3430~24500 N

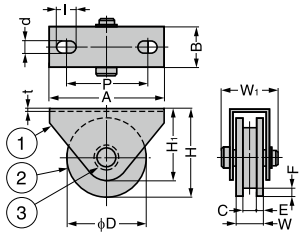


- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.
- Gap between bracket and wheel absorbs deformation and allows for smooth movement.

[Applications]
- Gates, etc.

[Application Example]





No.	Part Name	Material	Finish
①	Bracket	Steel (SPHC)	Clear Zinc Chromate
②	Wheel	Ductile Cast Iron	Black Enamel Finish
③	Bearing	–	–

RoHS	CAD	Item Code	Item Name	D	W	W1	C	E	F	H	H1	A	B	d	I	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-024-801	JC135-50H	50	20	41	7.5	6.3	5	64	60	100	33	11	11	70	3.2	3430	350	0.5	1	30
–	3D	200-024-802	JC135-60H	60	26	46		9.3	6	67	58		38					4410	450	0.7	1	30
G	3D	200-024-803	JC135-75H	75						88	76.5	120	37		15	94		5880	600	1	1	20
G	3D	200-024-804	JC135-90H	90			10.5	7.8	8	95.5								6860	700	1.3	1	20
G	3D	200-024-805	JC135-100H	105	28	50	14	7		118	93.5	145	39.5			115		7840	800	1.7	1	20
G	3D	200-024-806	JC135-120H	120						125.5								9800	1000	2	1	16
G	3D	200-024-807	JC135-150H	150	43	88	27	8	10	165	137	250	60	20	35	185	6	19600	2000	6	1	4
G	3D	200-024-808	JC135-200H	200	50	105		11.5	14	215	160	290	70			216		24500	2500	11	1	2

SLIDING DOOR ROLLER JC145 U Type w/o Bracket

Made to Order



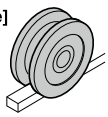
- Non-bracket type of JC135 1.
- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.

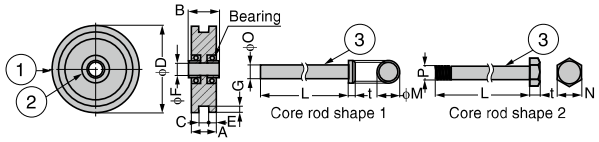
[Applications]
- Gates, etc.

[Remarks]
- Core rod for wheel diameter ϕ50~ϕ120 is not grooved for E-ring. Core rod for ϕ150~ϕ200 consists of one bolt and one nut.
- The shape of core rod varies depending on its size.Please confirm with the figure below.

[Parts Included]
- Wheel shaft

[Application Example]





No.	Part Name	Material	Finish
①	Wheel	Ductile Cast Iron	Black Enamel Finish
②	Bearing	–	–
③	Core Rod	Steel (SWCH)	

RoHS	CAD	Item Code	Item Name	D	A	B	C	E	F	G	L	M	N	O	P	t	Weight (kg)	Core Rod Shape	Box (pcs)	Carton (pcs)
–	3D	200-024-809	JC145-50H	50	20	25	7.5	6.3	13	5	75	19	–	12.9	–	4	0.2	1	1	40
–	3D	200-024-810	JC145-60H	60	26	30		9.3		6							0.4		1	40
G	3D	200-024-811	JC145-75H	75		29											0.6		1	20
G	3D	200-024-812	JC145-90H	90			10.5	7.8		8							0.9		1	20
G	3D	200-024-813	JC145-100H	105	28	32	14	7	16			24		15.9		5	1.1		1	20
G	3D	200-024-814	JC145-120H	120													1.3		1	20
–	3D	200-024-815	JC145-150H	150	43	48	27	8	20	10	100	–	30	–	M20	13	3.4	2	1	4
–	3D	200-024-816	JC145-200H	200	50	58		11.5	24	14	120		36		M24	15	7		1	2

Refer to 1 : P.922

SLIDING DOOR ROLLER JC140 Flat Type w/ Bracket

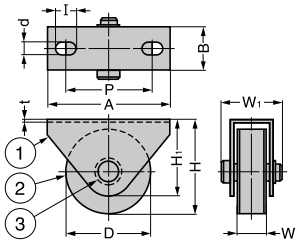
Made to Order | LOAD CAPACITY 3430~24500 N



- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.
- Gap between bracket and wheel absorbs deformation and allows for smooth movement.

[Applications]

- Gates, etc.



No.	Part Name	Material	Finish
①	Bracket	Steel (SPHC)	Clear Zinc Chromate
②	Wheel	Ductile Cast Iron	Black Enamel Finish
③	Bearing	–	–

RoHS	CAD	Item Code	Item Name	D	W	W_1	H	H_1	A	B	d	l	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-024-817	JC140-50F	50	20	41	64	60	100	33	11	11	70	3.2	3430	350	0.5	1	30
–	3D	200-024-818	JC140-60F	60	26	46	67	58		38					4410	450	0.7	1	30
G	3D	200-024-819	JC140-75F	75			88	76.5	120	37		15	94		5880	600	1.1	1	20
G	3D	200-024-820	JC140-90F	90			95.5								6860	700	1.4	1	20
G	3D	200-024-821	JC140-100F	105	28	50	118	93.5	145	39.5			115		7840	800	2	1	20
G	3D	200-024-822	JC140-120F	120			125.5								9800	1000	2.2	1	16
G	3D	200-024-823	JC140-150F	150	43	88	165	137	250	60	20	35	185	6	19600	2000	7	1	4
G	3D	200-024-824	JC140-200F	200	50	105	215	160	290	70			216		24500	2500	12.5	1	2

SLIDING DOOR ROLLER JC150 Flat Type w/o Bracket

Made to Order



- Non-bracket type of JC140 1.
- For wheel diameter above ϕ75, bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel diameter above ϕ75, providing smooth movement even for heavy doors.

[Applications]

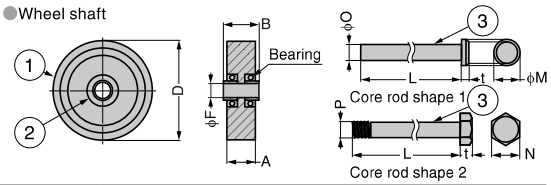
- Gates, etc.

[Remarks]

- Core rod for wheel diameter ϕ50~ϕ120 is not grooved for E-ring. Core rod for ϕ150~ϕ200 consists of one bolt and one nut.
- The shape of core rod varies depending on its size. Please confirm with the figure below.

[Parts Included]

- Wheel shaft



No.	Part Name	Material	Finish
①	Wheel	Ductile Cast Iron	Black Enamel Finish
②	Bearing	–	–
③	Core Rod	Steel (SWCH)	

RoHS	CAD	Item Code	Item Name	D	A	B	F	L	M	N	O	P	t	Weight (kg)	Core Rod Shape	Box (pcs)	Carton (pcs)
–	3D	200-024-825	JC150-50F	50	20	25	13	75	19	–	12.9	–	4	0.3	1	1	40
–	3D	200-024-826	JC150-60F	60	26	30								0.4		1	40
G	3D	200-024-827	JC150-75F	75		29								0.7		1	20
G	3D	200-024-828	JC150-90F	90										1		1	20
G	3D	200-024-829	JC150-100F	105	28	32	16		24		15.9		5	1.3		1	20
G	3D	200-024-830	JC150-120F	120										1.6		1	20
–	3D	200-024-831	JC150-150F	150	43	48	20	100	–	30	–	M20	13	4.2	2	1	4
–	3D	200-024-832	JC150-200F	200	50	58	24	120		36		M24	15	8.5		1	2

Refer to 1 : P.923

SLIDING DOOR ROLLER JC115 L Type w/ Bracket

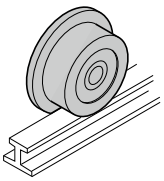
Made to Order | LOAD CAPACITY 6370~24500 N


JC115-100L

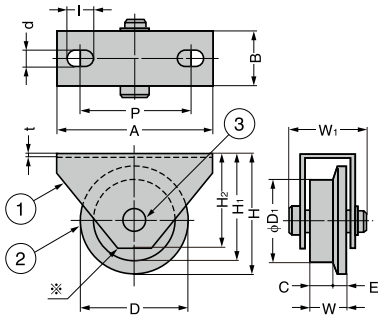
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel, providing smooth movement even for heavy doors.
- Gap between bracket and wheel absorbs deformation and allows for smooth movement.

[Applications]
- Gates, etc.

[Application Example]



No.	Part Name	Material	Finish
①	Bracket	Steel (SPHC)	Clear Zinc Chromate
②	Wheel	Ductile Cast Iron	Black Enamel Finish
③	Bearing	–	–



※JC115-75L shown. Brackets other than above are of the same shape as the picture.

RoHS	CAD	Item Code	Item Name	D	D1	W	W1	A	B	C	E	H	H1	H2	d	I	P	t	Load Capacity N/2 pcs	Load Capacity kgf/2 pcs	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-024-833	JC115-75L	90	75	32	52	120	42.5	24	8	95	87.5	67	11	15	94	3.2	6370	650	1.3	1	10
G	3D	200-024-834	JC115-100L	120	100	36	57	145	47	26	10	125	115	90			115		11760	1200	2.3	1	6
G	3D	200-024-835	JC115-150L	150	130	43	88	250	60	33		165	155	137	20	35	185	6	21580	2200	6	1	4
G	3D	200-024-836	JC115-200L	200	170	50	105	290	70	36.5	13.5	215	200	160			216		24500	2500	10.5	1	2

SLIDING DOOR ROLLER JC120 L Type w/o Bracket

Made to Order

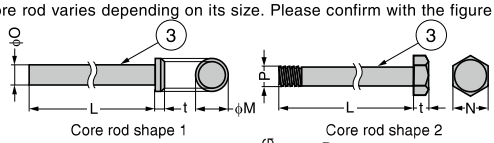


- Non-bracket type of JC115 1.
- Bearing with rubber seal (dustproof seal type) provides excellent water resistance.
- Ideal for exterior application.
- 2 bearings are used for wheel, providing smooth movement even for heavy doors.

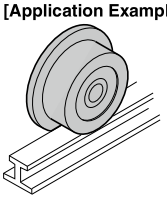
[Applications]
- Gates, etc.

[Remarks]
- Core rod for wheel diameter φ90~φ120 is not grooved for E-ring. Core rod for φ150~φ200 consists of one bolt and one nut.
- The shape of core rod varies depending on its size. Please confirm with the figure below.

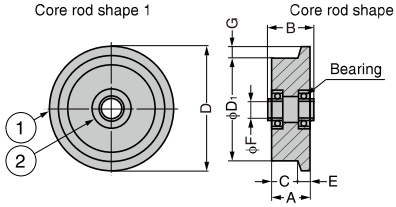
[Parts Included]
- Wheel shaft



[Application Example]



No.	Part Name	Material	Finish
①	Wheel	Ductile Cast Iron	Black Enamel Finish
②	Bearing	–	–
③	Core Rod	Steel (SWCH)	



RoHS	CAD	Item Code	Item Name	D	D1	A	B	C	E	F	G	L	M	N	O	P	t	Weight (kg)	Core Rod Shape	Box (pcs)	Carton (pcs)
G	3D	200-024-837	JC120-75L	90	75	32	36	24	8	13	7.5	75	19	–	12.9	–	4	0.9	1	1	20
G	3D	200-024-838	JC120-100L	120	100	36	40	26	10	16	10		24		15.9		5	1.7		1	20
G	3D	200-024-839	JC120-150L	150	130	43	48	33		20		100	–	30	–	M20	13	3.3	2	1	4
G	3D	200-024-840	JC120-200L	200	170	50	58	36.5	13.5	24	15	136		36		M24	15	6.5		1	2

Refer to 1 : P.924

LAMP®

LEVELLING GLIDES & BASE

Levelling glides are a kind of hardware used as device legs for height adjustment.
Sugatsune offers a wide range of sizes and base materials, from ultra heavy duty type with load capacity of 11,000 kgf to mini type which can be adjusted easily by hand. Besides, we can also provide plenty of additional functions, such as seismic isolation for avoiding shake due to earthquake and swivel function to compensate for uneven floors.

“Medical leg" is a five-pronged base from Sugatsune. It is stable and has smooth shape which makes it easy to clean, ideal for medical sites such as intravenous drip tables, mobile carts and stand type lighting.

SUGATSUNE

June 2022

INDEX

Special Levelling Glide — P.928~P.929



Protects server racks, precision instruments and medical equipment, etc. from severe shaking in case of earthquake.

Heavy Duty Levelling Glides — P.930



Ideal for heavy duty applications such as machine tools, conveyors and semiconductor manufacturing equipment, etc.

Medium-sized Levelling Glides — P.931~P.938



Typical levelling glide of medium size.

Small Levelling Glides — P.939~P.952



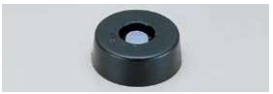
Typical levelling glide of small size.

Base for Levelling Glides — P.952~P.954



Can add screw hole for levelling glide on cabinet.

Case Feet — P.955~P.956



One-touch installation with washer.

Base — P.957~P.959



Suitable for medical applications such as intravenous drip tables and carts.

Product Specifications

[Special Levelling Glide]

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M 8	W5/16	M 10	M 12	W3/8	W1/2	M 14	M 16	M 18	M 20	M 24	M 30
MDSF P.928	2000 (204) ~ 7500 (765)	Steel	–			●					●		●		

[Heavy Duty Levelling Glides]

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M 12	W3/8	W1/2	M 14	M 16	M 18	M 20	M 24	M 30	M 42	Tr 52	Tr 60
ADHS, ADHSK, ADH P.930	29400 (3000) ~ 44100 (4500)	SUS Steel	WITH NUT								●	●			
LB P.931	14700 (1500) ~ 39200 (4000)	Steel	WITH NUT	●				●		●	●				

[Medium-sized Levelling Glides]

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M 12	W3/8	W1/2	M 14	M 16	M 18	M 20	M 24	M 30	M 42	Tr 42	Tr 52	Tr 60
ADCR P.932	6664 (680) ~ 14112 (1440)	Steel	WITH NUT	●						●						
ADCS, ADC P.932	2940 (300) ~ 8624 (880)	SUS Steel	WITH NUT	●				●		●						

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M 6	M 8	W5/16	M 10	M 12	W3/8	W1/2	M 14	M 16	M 18	M 20	M 24
ADRS, ADR P.933	196 (20) ~ 1470 (150)	SUS Steel	WITH NUT		●		●	●				●		●※1	
ADPS, ADP P.934	2940 (300) ~ 8624 (880)	SUS Steel	WITH NUT		●		●	●				●		●※1	
ADWS, ADWHS P.935	3724 (380) ~ 17150 (1750)	SUS	WITH NUT		●		●	●				●		●※2	
ADW, ADWH P.936	3332 (340) ~ 16856 (1720)	Steel	WITH NUT		●		●	●				●		●	
MKPLS P.937	1960 (200) ~ 3332 (340)	SUS	SWIVEL				●	●				●			
MKRLS P.937	784 (80) ~ 980 (100)	SUS	SWIVEL				●	●				●			
MKRL P.938	588 (60) ~ 784 (80)	Steel	SWIVEL				●	●				●		●	

※1 Except models made of steel.
※2 Except models made of EPDM.

[Small Levelling Glides]

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M6	M8	W5/16	M10	M12	W3/8	W1/2	M14	M16	M18	M20	M24
KYW  P.939	20000 (2039)	Steel	–									●			
PM  P.939	1176 (120) ~ 2744 (280)	Steel	–				●								
AD-502-P  P.940	2744 (280)	Steel	–		●										
AD-502  P.940	2744 (280)	Steel	–		●										
AD-501  P.941	980 (100) ~ 1372 (140)	Steel	–		●		●								
TN-S  P.942	1372 (140)	Steel	–				●								
TN  P.942	784 (80) ~ 980 (100)	Steel	–		●		●								
AD-503KB, AD-503  P.943	400 (41) ~ 3000 (306)	Steel	–				●								
TG  P.943	343 (35) ~ 1764 (180)	Steel	–		●		●								
SG  P.944	1176 (120) ~ 1568 (160)	Steel	SWIVEL		●										
MK8AD  P.944	588 (60)	Steel	SWIVEL		●		●								
RP  P.945	588 (60) ~ 6100 (622)	Steel	SWIVEL	●	●	●	●	●	●		●				
RPS  P.945	588 (60) ~ 1568 (160)	SUS	SWIVEL	●	●		●								
EA  P.946	490 (50) ~ 2646 (270)	Steel	SWIVEL	●	●		●	●							
MN  P.946	1176 (120) ~ 1568 (160)	Steel	SWIVEL		●	●	●	●	●	●					
MKPS  P.947	1960 (200) ~ 3920 (400)	SUS	SWIVEL				●	●	●						
MKRS  P.947	392 (40) ~ 980 (100)	SUS	SWIVEL				●	●	●		●				
MKP  P.948	1176 (120) ~ 1568 (160)	Steel	SWIVEL				●	●	●		●				
MKR  P.948	392 (40) ~ 784 (80)	Steel	SWIVEL				●	●	●		●				
MKR-N  P.949	588 (60) ~ 784 (80)	Steel	SWIVEL				●		●						
MKR-N32DG32  P.949	454 (46)	Steel	SWIVEL		●										
SAJ  P.950	490 (50)	Steel	–	●	●	●	●		●						
SG-CGP40  P.951	588 (60)	Steel	SWIVEL		●										

Product Name	Load Capacity N (kgf)	Threaded Bolt Material	Parts Included/ Function	Threaded Bolt Size M6	M8	W5/16	M10	M12	W3/8	W1/2	M14	M16	M18	M20	M24
A800  P.952	588 (60)	Steel	–		●		●								

[Base for Levelling Glides] ···Applicable threaded bolt size


Glide Base ADZS, ADZ
M12 M16 M20 P.952


Cover For AD-501, AD-502 ADKW, ADKB
P.953


Snap-in Glide Base AD-438
M8 P.953


Glide Base AD-558
M8 P.953


Glide Base AD-561
M8 P.953


Stainless Steel Glide Base AP36
M8 M10 3/8-16UNC M12 P.954


Glide Base AD-559
M12 M14 1/2-20UNF P.954


Glide Base AS-AJ
M10 M12 M16 P.954

[Case Feet] ···Mounting hole diameter


Case Foot (A Type) FF
ϕ5 P.955


Case Foot (B Type) FF
ϕ4.1 P.955


Case Foot (Mini Type) FF
ϕ3.1 ϕ4.1 ϕ3.6 P.955


Rubber Foot K
ϕ2 ϕ3 ϕ4 ϕ5 ϕ6 ϕ7 P.956


Rubber Foot SK
ϕ3 ϕ4 ϕ5 P.956

[Base] ···Applicable pipe diameter. ( ): When using optional parts.


BASE HS-550
ϕ38.1 P.957


BASE HO500
ϕ50.8 P.958


BASE BJ610
ϕ50.8 P.959

SWAY-FOOT LEVELLING GLIDE MDSF

LOAD CAPACITY 2000~7500 N

INSTRUCTION



- Suitable for server racks, precision instruments, medical equipment, cabinets and furniture, etc.
- The base isolation structure absorbs vibrations and shocks.
- Reduces installation cost.
- Reduces the risk of falling furniture or equipment.
- Can be used on raised floor.
- Applied to server systems of major manufacturers.
- Sold in set of 4 pcs.
- Bolt lengths and screw diameters can be made to order.

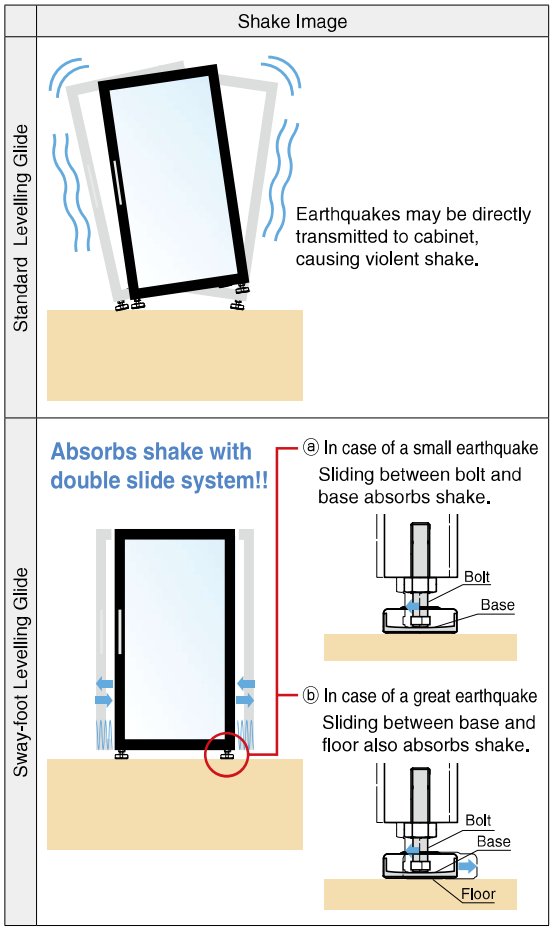
[Applications]

- Server racks, medical equipment, semiconductor manufacturing equipment, measuring instruments, fixtures for school facilities, kitchen appliances, furniture, fixtures for works of art, and other precision instruments, etc.

[Remarks]

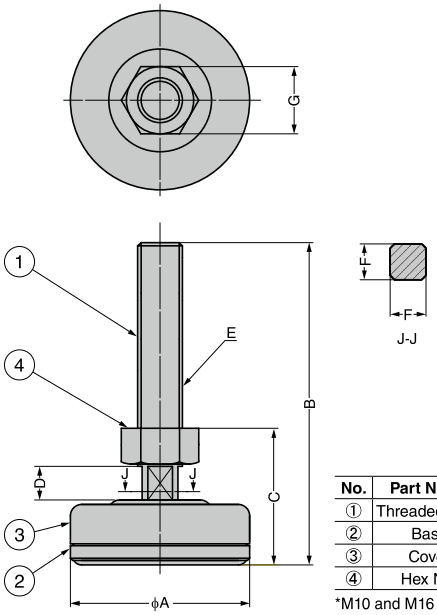
- Keep 30cm or above away from structures and places with large flow of people.
- Use on a level floor.
- When installing the bolt to a cabinet, ensure that it is perpendicular to the base.
- The cabinet supported by this product may move during earthquake, depending on how the earthquake shakes.
- Do not touch the sliding surface as it is coated with lubricant.

[Comparison with Standard Levelling Glides]



[Parts Structure (For 1 pc)]





No.	Part Name	Material	Finish
①	Threaded Bolt*	Steel	Nickel
②	Base	Steel/Teflon	
③	Cover	Nitrile Rubber (NBR)	–
④	Hex Nut	Steel	Clear Zinc Chromate (Trivalent)

*M10 and M16 types will not have a hole on the bolt tip when the current stock runs out.

RoHS	CAD	Item Code	Item Name	A	B	C	D	E	F	G	Max. Size	Load Capacity N/4 pcs	Load Capacity kgf/4 pcs	Weight (g)	Box (sets)	Carton (sets)
G	3D	200-014-807	MDSF58-10-40	58	65.5	34.5	7.5	M10	8	17	W410×D630×H390	2000	204	180	1	–
G	3D	200-014-805	MDSF58-16-80		114	48	10.5	M16	13	24	W730×D730×H1460	5000	510	300	1	–
G	3D	200-014-806	MDSF80-20-100	80	144	61	15	M20	16	30	W1000×D1000×H2000	7500	765	580	1	–

4 pcs make a set.

EARTHQUAKE PROOF PRODUCTS DIGEST



Stainless Steel Lever Latch
LL-66S

1

Latch prevents door from opening unexpectedly.



Angle Bracket
XL-SA01

2

Can be used as falling prevention metal fittings for fixing cabinet or shelf to wall.





Spring Loaded Bar Latch BLL & BLT





Push Knob Latch TLP-S

Refer to 1 : P.487, 2 : P.758

HEAVY DUTY LEVELLING GLIDE ADHS, ADHSK, ADH

LOAD CAPACITY 29400~44100 N | TEST METHOD 14 | SUS



- Three types available: Steel ADH, stainless steel ADHS and ADHSK with anti-galling stainless steel bolt (See the following galling preventive treatment)
- ADHSK: Galling preventive treatment allows smoother vertical adjustment.
- Two types of M24 and M30 screw diameter. enables application to large machines and furniture.
- Recess for hex key at the screw head allows effective adjustment.

[Applications]

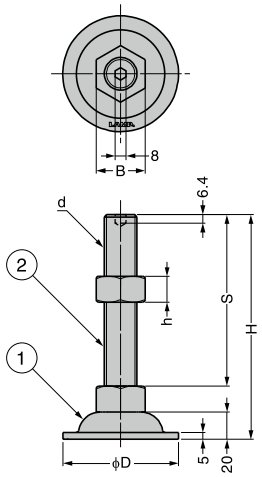
- Machine tools, conveyors, semiconductors, LCD production equipment.

[Galling Preventive Treatment]

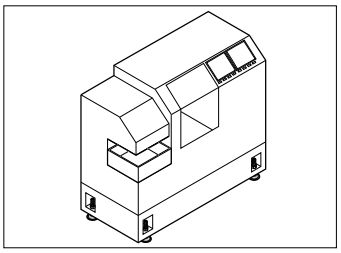
Stainless steel is a material with low thermal conductivity and high thermal expansion coefficient. For this reason, the threaded bolt may expand due to the frictional heat during tightening, and the male and female thread may be galled and the bolt may be locked. Even when using ADHS, galling preventive treatment is recommended.
In ADHSK, by applying a lubricating paint to the threaded bolt and going through the firing treatment to enhance the slipperiness and adhesiveness, thread galling is hard to occur.

[Remarks]

- To prevent looseness after use, it is recommended to tighten with a double nut.



[Application Example]



[ADHSK] Galling Preventive Stainless Steel

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Threaded Bolt		Baking Finish

RoHS	CAD	Item Code	Item Name	D	d	H	S	h	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-012-538	ADHS-85-24-150K	83	M24	189	150	19	36	29400	3000	970	1	12
G	3D	200-012-539	ADHS-85-24-200K			239	200			34300	3500	1080	1	12
G	3D	200-012-540	ADHS-85-30-150K		M30	194	150	24	46	39200	4000	1500	1	12
G	3D	200-012-541	ADHS-85-30-200K			244	200			44100	4500	1680	1	12

[ADHS] Stainless Steel

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Threaded Bolt		

RoHS	CAD	Item Code	Item Name	D	d	H	S	h	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-012-534	ADHS-85-24-150	83	M24	189	150	19	36	29400	3000	970	1	12
G	3D	200-012-535	ADHS-85-24-200			239	200			34300	3500	1080	1	12
G	3D	200-012-536	ADHS-85-30-150		M30	194	150	24	46	39200	4000	1500	1	12
G	3D	200-012-537	ADHS-85-30-200			244	200			44100	4500	1680	1	12

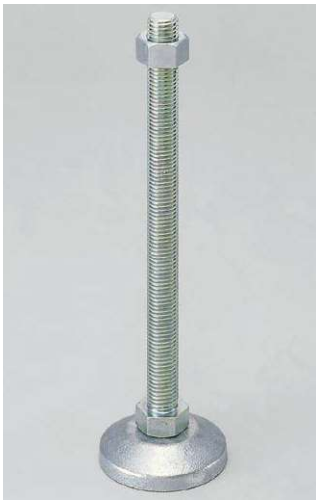
[ADH] Steel

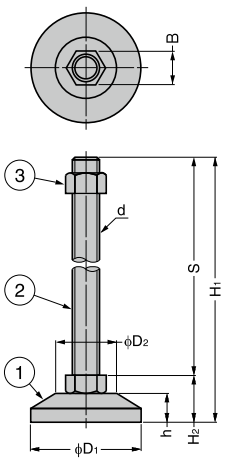
No.	Part Name	Material	Finish
①	Body	Steel (SPHC)	Clear Zinc Chromate (Trivalent)
②	Threaded Bolt		

RoHS	CAD	Item Code	Item Name	D	d	H	S	h	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-012-530	ADH-85-24-150	84	M24	189	150	19	36	29400	3000	970	1	12
G	3D	200-012-531	ADH-85-24-200			239	200			34300	3500	1090	1	12
–	3D	200-012-532	ADH-85-30-150		M30	194	150	24	46	39200	4000	1530	1	12
G	3D	200-012-533	ADH-85-30-200			244	200			44100	4500	1750	1	12

LONG BOLT LEVELLING GLIDE LB

LOAD CAPACITY 14700~39200 N



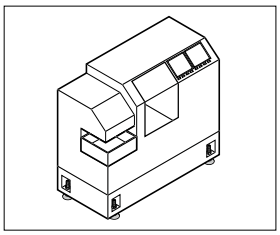


- Cross-recessed bottom allows easy installation with pneumatic screwdriver.
- Made-to-order specifications and stainless steel types also available.

[Applications]

- Machine tools, vending machines, etc.

[Application Example]



No.	Part Name	Material	Finish
①	Body	Steel (FC)	Coloured Zinc Chromate (Trivalent)
②	Threaded Bolt	Steel (SS)	
③	Hex Nut		

RoHS	CAD	Item Code	Item Name	D1	D2	H1	H2	h	S	B	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (kg)	Box (pcs)	Carton (pcs)
G	3D	200-140-740	LB12-200	60	40	225	25	17	200	19	M12	14700	1500	660	30	–
G	3D	200-140-234	LB16-250	80	45	282	32	22	250	24	M16	19600	2000	880	18	–
G	3D	200-140-235	LB16-300			332			300					940	18	–
G	3D	200-140-741	☆LB16-350			382			350					1010	16	–
G	3D	200-140-742	LB20-250			285	35		250	30	M20	39200	4000	1140	18	–
G	3D	200-140-233	LB20-300			335			300					1240	18	–
G	3D	200-140-743	☆LB20-350			385			350					1330	16	–
G	3D	200-140-744	☆LB20-400			435			400					1440	8	–
G	3D	200-140-232	LB24-280			317	37		280	36	M24			1520	18	–

☆Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

LEVELLING GLIDE ADCR

LOAD CAPACITY 6664 N,14112 N

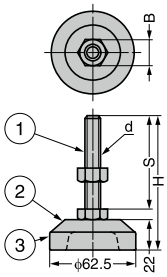


- Bottom cover made of nitrile rubber to prevent from skidding and scratching the floor.
- Cross-recessed bottom allows easy installation with pneumatic screwdriver.

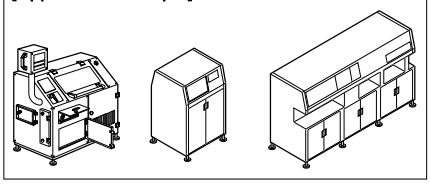
[Others]
- For special size, please contact local representatives.

[Remarks]
- Do not move horizontally under load. Cover may come off or wear out.

[Sold Separately]
- Washer for Levelling glide ADZS (SUS) 1
- Washer for Levelling glide ADZ (steel) 2



[Application Example]



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWRCH)	Clear Zinc Chromate (Trivalent)
②	Body	Steel (SS)	
③	Cover	Nitrile Rubber (NBR)	Black

RoHS	CAD	Item Code	Item Name	H	S	B	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Carton (pcs)
G	3D	200-140-508	ADCR60-12-50	80	50	19	M12	6664	680	332	35
G	3D	200-140-072	ADCR60-20-180	215	180	30	M20	14112	1440	768	15

Refer to 1 2 : P.952

LEVELLING GLIDE ADCS, ADC

LOAD CAPACITY 2940~8624 N **SUS**



- ADC (Steel): Cross-recessed bottom allows easy installation.

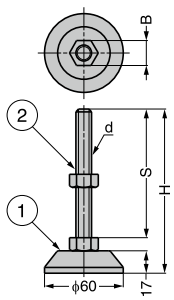
[ADCS] Stainless Steel

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Threaded Bolt		

RoHS	CAD	Item Code	Item Name	H	S	B	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Carton (pcs)
G	3D	200-141-220	ADCS60-12-120	145	120	19	M12	2940	300	365	35
G	3D	200-141-222	ADCS60-16-100	127	100					440	25
G	3D	200-141-223	ADCS60-16-130	157	130	24	M16	5488	560	480	25
G	3D	200-141-225	ADCS60-16-180	207	180					550	20
G	3D	200-141-226	ADCS60-20-100	130	100					590	20
G	3D	200-141-227	ADCS60-20-130	160	130	30	M20	8624	880	650	20
G	3D	200-141-229	ADCS60-20-180	210	180					750	15

[ADC] Steel

No.	Part Name	Material	Finish
①	Body	Steel (SS)	Clear Zinc Chromate (Trivalent)
②	Threaded Bolt	Steel (SWRCH)	



RoHS	CAD	Item Code	Item Name	H	S	B	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Carton (pcs)
G	3D	200-141-533	ADC60-12-120	145	120	19	M12	2940	300	355	35
G	3D	200-141-535	ADC60-16-100	127	100					440	25
G	3D	200-141-536	ADC60-16-130	157	130	24	M16	5488	560	480	25
G	3D	200-141-538	ADC60-16-180	207	180					540	20
G	3D	200-141-540	ADC60-20-100	130	100					580	20
G	3D	200-141-541	ADC60-20-130	160	130					640	20
G	3D	200-141-542	ADC60-20-150	180	150	30	M20	8624	880	680	20
G	3D	200-140-071	ADC60-20-180	210	180					740	15

LEVELLING GLIDE ADRS, ADR

LOAD CAPACITY 196~1470 N SUS



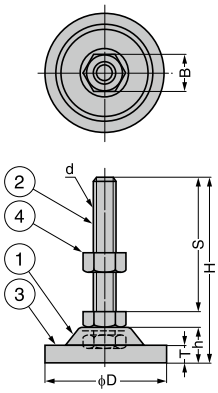
- Bottom cover made of elastomer with excellent impact resistance.
- Hexagon nut at the bottom for easy installation.
- For special size, please contact local representatives.

[Remarks]

- Do not move horizontally under load. Cover may come off or wear out.

[Sold Separately]

- Washer ADZS (Stainless steel) 1
- Washer ADZ (Steel) 2



[ADRS] Stainless Steel

No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Polished
②	Threaded Bolt		
③	Cover	Elastomer (TPE)	Black
④	Nut	Stainless Steel (SUS304)	Plain

RoHS	CAD	Item Code	Item Name	D	d	H	h	T	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-147-034	ADRS37-8-60	41	M8	78	12.5	6	60	13	196	20	58	200	–
G	3D	200-147-035	ADRS37-10-50		M10	69.5			50	17			83	170	–
G	3D	200-147-036	ADRS55-12-100	62	M12	126.5	18.5	9	100	19	784	80	190	80	–
G	3D	200-147-037	ADRS55-12-120			146.5			120				200	70	–
G	3D	200-147-041	ADRS75-16-150	80	M16	182.5	22.5		150	24	1470	150	400	30	–
G	3D	200-147-045	ADRS75-20-150		M20	185.5				30			616	30	–

[ADR] Steel

No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPCC)	Clear Zinc Chromate (Trivalent)
②	Threaded Bolt	Steel (SWRCH)	
③	Cover	Elastomer (TPE)	Black
④	Nut	Steel (SWRCH)	Clear Zinc Chromate (Trivalent)

RoHS	CAD	Item Code	Item Name	D	d	H	h	T	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-003	ADR37-8-50	41	M8	68	12.5	6	50	13	196	20	55	200	–
G	3D	200-140-593	ADR37-10-50		M10	69.5				17			81	170	–
G	3D	200-140-506	ADR55-12-50	62	M12	76.5	18.5	9		19	784	80	145	70	–
G	3D	200-141-544	ADR55-12-100			126.5			100				181	80	–
G	3D	200-141-545	ADR55-12-120			146.5			120				196	70	–
G	3D	200-141-546	ADR55-12-150			176.5			150				220	60	–
G	3D	200-141-547	ADR75-16-100	80	M16	132.5	22.5		100	24	1470	150	329	40	–
G	3D	200-141-548	ADR75-16-130			162.5			130				369	35	–
G	3D	200-141-550	ADR75-16-180			212.5			180				436	25	–
G	3D	200-141-551	ADR75-16-200			232.5			200				463	20	–

Refer to 1 2 : P.952

LEVELLING GLIDE ADPS, ADP

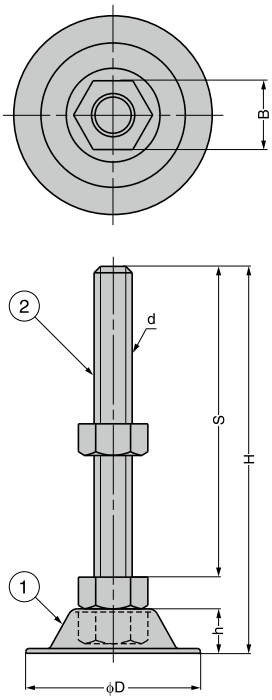
LOAD CAPACITY 2940~8624 N SUS



- Hexagon nut at the bottom for easy installation.
- Wide variety of size variations available.

[Sold Separately]

- Washer ADZS (Stainless steel 1)
- Washer ADZ (Steel 2)



[ADPS] Stainless Steel

No.	Part Name	Material	Finish
①	Body	Stainless Steel (SUS304)	Polished
②	Threaded Bolt		

RoHS	CAD	Item Code	Item Name	d	D	H	h	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-141-182	ADPS37-8-60	M8	37	76	10.5	60	13	2940	300	56	200	–
G	3D	200-141-183	ADPS37-10-50	M10		67.5		50	17			78	200	–
G	3D	200-141-184	ADPS55-12-100	M12	55	122	14	100	19			174	100	–
G	3D	200-141-185	ADPS55-12-120			142		120				184	80	–
G	3D	200-141-186	ADPS55-12-150			172		150				210	70	–
G	3D	200-141-187	ADPS75-16-100	M16	75	128	18	100	24	5488	560	318	50	–
G	3D	200-141-188	ADPS75-16-130			158		130				358	40	–
G	3D	200-141-189	ADPS75-16-150			178		150				382	30	–
G	3D	200-141-190	ADPS75-16-180			208		180				426	30	–
G	3D	200-141-191	ADPS75-20-100	M20		131		100	30	8624	880	490	40	–
G	3D	200-141-192	ADPS75-20-130			161		130				553	30	–
G	3D	200-141-194	ADPS75-20-180			211		180				655	25	–

[ADP] Steel

No.	Part Name	Material	Finish
①	Body	Steel	Clear Zinc Chromate
②	Threaded Bolt		

RoHS	CAD	Item Code	Item Name	d	D	H	h	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-002	ADP37-8-50	M8	37	66	10.5	50	13	2940	300	55	200	–
G	3D	200-140-594	ADP37-10-50	M10		67.5			17			80	200	–
G	3D	200-140-505	ADP55-12-50	M12	55	72	14		19			135	100	–
G	3D	200-141-520	ADP55-12-100			122		100				165	100	–
G	3D	200-141-521	ADP55-12-120			142		120				180	80	–
G	3D	200-141-522	ADP55-12-150			172		150				200	70	–
G	3D	200-141-523	ADP75-16-100	M16	75	128	18	100	24	5488	560	310	50	–
G	3D	200-141-524	ADP75-16-130			158		130				350	40	–
G	3D	200-141-525	ADP75-16-150			178		150				375	30	–
G	3D	200-141-526	ADP75-16-180			208		180				410	30	–

Refer to 1 2 : P.952

STAINLESS STEEL LEVELLING GLIDE ADWS, ADWHS

LOAD CAPACITY 3724~17150 N SUS

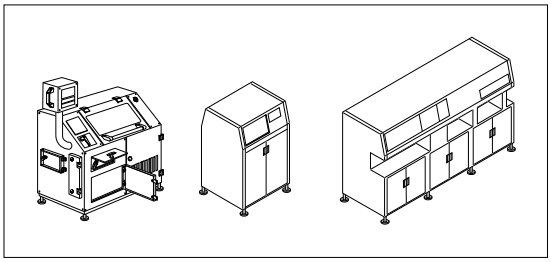


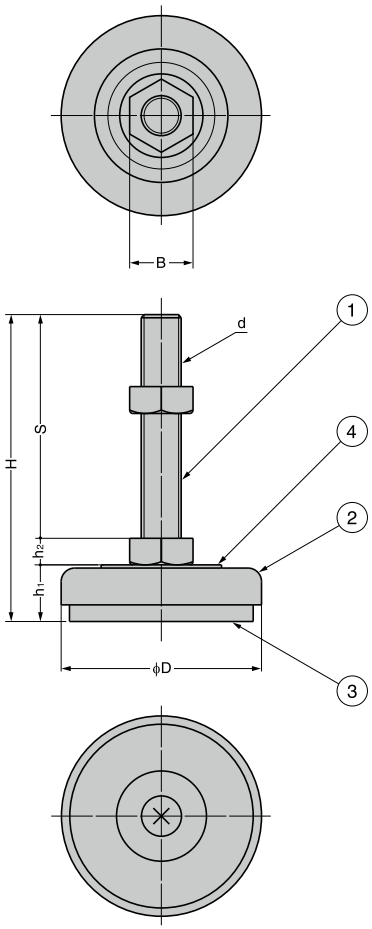
- Cross-recessed bottom allows easy installation with impact wrench.
- ADWS: Excellent weather resistance.
- ADWHS: Excellent heat / weather resistance with non-stain transfer base.

[Applications]

- Machine tools, vending machines, conveyors, computer racks, control boards, laboratory equipment, OA equipment, various furniture, etc.

[Application Example]





No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Stainless Steel (SUS304)	Polished
②	Cover		
③	Base	ADWS/CR	Black
		ADWHS/EPDM	White
④	Washer	PA	–

RoHS	CAD	Item Code	Item Name	Base Material	d	D	H	h1	h2	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-605	ADWS40-8-60	CR	M8	40	78.5	13	5.5	60	13	3724	380	75	150	–
G	3D	200-140-606	ADWS40-10-50		M10		70		7	50	17	6272	640	95	120	–
G	3D	200-140-607	ADWS50-12-70		M12	50	93	15	8	70	19	8722	890	176	60	–
G	3D	200-140-609	ADWS50-12-120				143			120		7644	780	215	60	–
G	3D	200-140-611	ADWS60-16-70		M16	60	97	17	10	70	24	14308	1460	292	40	–
G	3D	200-140-612	ADWS60-16-100				127			100		14210	1450	332	35	–
G	3D	200-140-616	ADWS60-20-100		M20		130		13		30	17150	1750	484	25	–
G	3D	200-140-617	ADWS60-20-130				160			130		15876	1620	570	20	–
G	3D	200-140-620	ADWHS40-8-60	EPDM	M8	40	78.5	13	5.5	60	13	4214	430	73	150	–
G	3D	200-140-621	ADWHS40-10-50		M10		70		7	50	17	5978	610	96	120	–
G	3D	200-140-622	ADWHS50-12-70		M12	50	93	15	8	70	19	8330	850	167	60	–
G	3D	200-140-627	ADWHS60-16-100		M16	60	127	17	10	100	24	12348	1260	1260	35	–
G	3D	200-140-628	ADWHS60-16-130				157			130		11760	1200	1200	30	–

LEVELLING GLIDE ADW, ADWH

LOAD CAPACITY 3332~16856 N

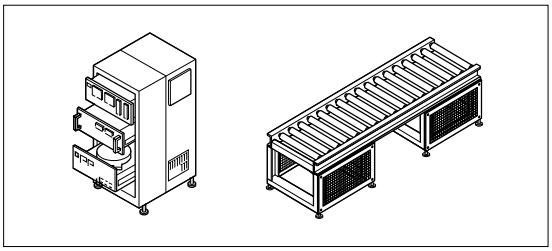


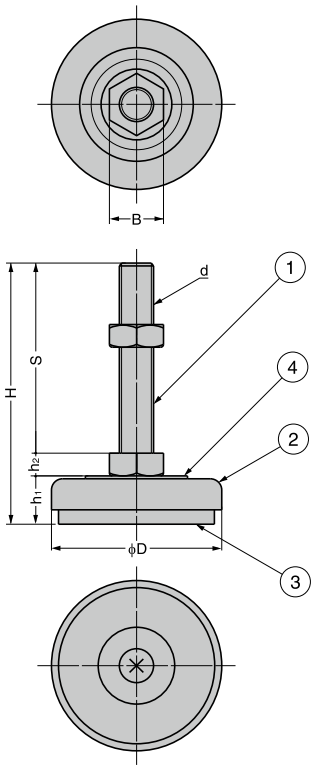
- Cross-recessed bottom of threaded bolt allows easy installation with impact wrench.
- ADW: Excellent weather resistance.
- ADWH: Excellent heat / weather resistance with non-stain transfer base.
- Wide variety of size variations available.

[Applications]

- Machine tools, vending machines, conveyors, computer racks, control boards, laboratory equipment, OA equipment, various furniture, etc.

[Application Example]





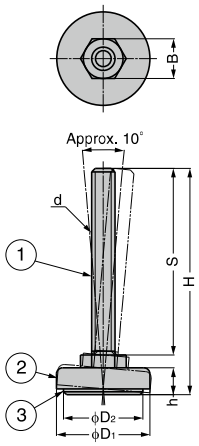
No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SS)	Black Chromate
②	Cover	Steel (SPCC)	
③	Base	ADW/CR	Black
		ADWH/EPDM	White
④	Washer	PA	–

RoHS	CAD	Item Code	Item Name	Base Material	d	D	H	h1	h2	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-635	ADW40-8-60	CR	M8	40	78.5	13	5.5	60	13	3332	340	79	150	–
G	3D	200-140-636	ADW40-10-50		M10		70		7	50	17	5684	580	100	120	–
G	3D	200-140-637	ADW50-12-70		M12	50	93	15	8	70	19	8232	840	170	60	–
G	3D	200-140-638	ADW50-12-100				123			100		6762	690	195	60	–
G	3D	200-140-639	ADW50-12-120				143			120		6860	700	218	60	–
G	3D	200-140-641	ADW60-16-70		M16	60	97	17	10	70	24	12838	1310	300	40	–
G	3D	200-140-642	ADW60-16-100				127			100		12544	1280	332	35	–
G	3D	200-140-643	ADW60-16-130				157			130		11858	1210	386	30	–
G	3D	200-140-647	ADW60-20-100		M20		130		13	100	30	13034	1330	492	25	–
G	3D	200-140-648	ADW60-20-130				160			130		14406	1470	557	20	–
G	3D	200-140-652	ADWH40-8-60	EPDM	M8	40	78.5	13	5.5	60	13	3332	340	78	150	–
G	3D	200-140-653	ADWH40-10-50		M10		70		7	50	17	5684	580	95	120	–
G	3D	200-140-654	ADWH50-12-70		M12	50	93	15	8	70	19	8036	820	176	60	–
G	3D	200-140-655	ADWH50-12-100				123			100		7056	720	200	60	–
G	3D	200-140-656	ADWH50-12-120				143			120		6566	670	207	60	–
G	3D	200-140-657	ADWH50-12-150				173			150		6076	620	298	50	–
G	3D	200-140-658	ADWH60-16-70		M16	60	97	17	10	70	24	12054	1230	241	40	–
G	3D	200-140-659	ADWH60-16-100				127			100		10780	1100	336	35	–
G	3D	200-140-664	ADWH60-20-100		M20		130		13		30	15288	1560	493	25	–
G	3D	200-140-665	ADWH60-20-130				160			130		16856	1720	559	20	–

STAINLESS STEEL LEVELLING GLIDE MKPLS With Swivel Function

LOAD CAPACITY 1960~3332 N | TEST METHOD 14 | SUS





- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg. Height adjustment also possible with spanner.



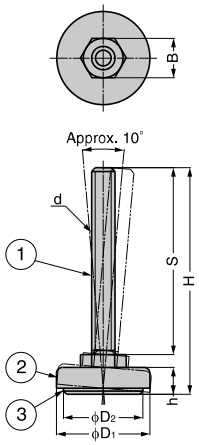
No.	Part Name	Material	Finish
①	Body	Stainless Steel	Plain
②	Cover	Stainless Steel (SUS304)	Satin
③	Base		Plain

RoHS	CAD	Item Code	Item Name	d	D1	D2	H	h	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-130-347	MKPLS-32-10-80	M10	32	27	96	10.5	80	17	1960	200	79	30	240
G	3D	200-141-336	MKPLS-40-12-80	M12	40	34	97	11.5			2940	300	125	30	240
G	3D	200-141-337	MKPLS-50-12-80		50	44					3332	340	150	20	160
G	3D	200-141-338	MKPLS-50-16-78	M16			100		78.5	24	3136	320	220	15	120

STAINLESS STEEL LEVELLING GLIDE MKRLS With Swivel Function

LOAD CAPACITY 784 N,980 N | TEST METHOD 14 | SUS





- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg. Height adjustment also possible with spanner.
- Levelling glide with elastomer base to prevent from skidding.



No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel	Plain
②	Cover	Stainless Steel (SUS304)	Satin
③	Base	Elastomer (TPO)	Black

RoHS	CAD	Item Code	Item Name	d	D1	D2	H	h	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-130-348	MKRLS-32-10-80	M10	32	27	96	11	80	17	784	80	76	30	240
–	3D	200-141-339	MKRLS-40-12-80	M12	40	34	97	11.5					120	30	240
–	3D	200-141-340	MKRLS-50-12-80		50	44					980	100	140	20	160
–	3D	200-141-341	MKRLS-50-16-78	M16			100		78.5	24	784	80	215	15	120

LEVELLING GLIDE MKRL With Swivel Function

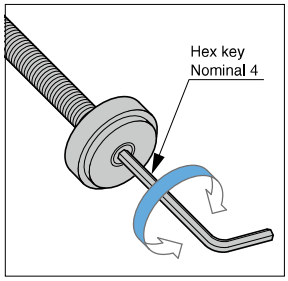
LOAD CAPACITY 588~784 N | TEST METHOD 14



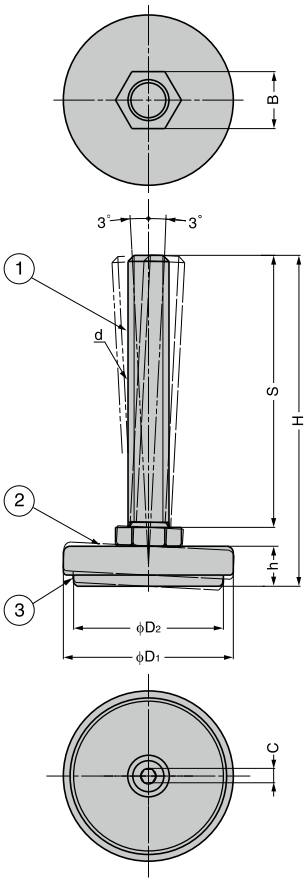
- Black chromate finish.
- Swivels approximately 6° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.
- Hexagon socket at the bottom for easy installation.

[Others]

- For special size, please contact local representatives.



Can be easily turned with a hex key. (Hex key not included.)



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWCH)	Black Chromate (Trivalent)
②	Cover	Steel (SPCC)	
③	Base	As below	Black

RoHS	CAD	Item Code	Item Name	Base	d	D1	D2	H	h	S	B	C	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-141-159	MKRL-32-10-80B6	Elastomer (TPO)	M10	32	27	95.8	10.8	80	17	4	588	60	80	30	300
–	3D	200-147-014	MKRL-32-12-66B6		M12			81.8		66			735	75	85	30	300
–	3D	200-141-120	MKRL-32-12-80B6					95.8		80			588	60	93	30	300
–	3D	200-141-160	MKRL-40-10-80B6		M10	40	34	96.2	11.2						95	25	250
–	3D	200-141-115	MKRL-40-12-32B6		M12			48.2		32					79	30	300
–	3D	200-141-110	MKRL-40-12-43B6					59.2		43					85	25	250
–	3D	200-141-124	MKRL-40-12-55B6					71.2		55					94	25	250
–	3D	200-149-111	MKRL-40-12-80B6					96.2		80					111	25	250
–	3D	200-141-111	MKRL-40-12-120B6					136.2		120					143	15	150
–	3D	200-149-112	MKRL-50-12-80B6			50	44	96.8	11.8	80					136	20	200
–	3D	200-141-112	MKRL-50-12-120B6					136.8		120					169	10	100
–	3D	200-149-113	MKRL-50-16-78B6		M16			100.3		78.5	24		784	80	214	15	120
G	3D	200-141-113	MKRL-70-20-101B6	Nitrile Rubber (NBR)	M20	70	64	124.5	11.5	101	30				448	8	64

LEVELLING GLIDE KYW

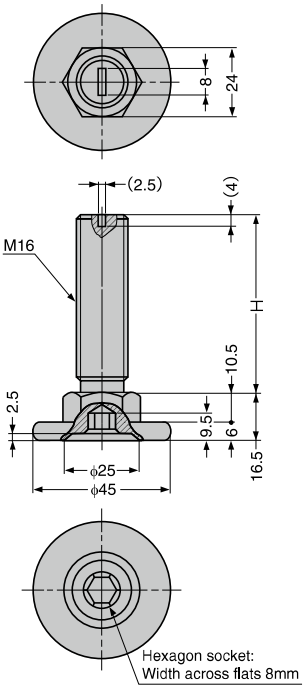
LOAD CAPACITY 20000 N



- Slotted top of threaded bolt and hexagon socket at the bottom allows easy installation and adjustment.

[Applications]

- Machine tools, vending machines, etc.



RoHS	CAD	Item Code	Item Name	Material	Finish	H	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-712	KYW16-75-6B	Steel (SWRM)	Black Chromate	75	195	100	–
–	3D	200-147-001	☆KYW16-80-6B			80	205	80	–
G	3D	200-140-710	KYW16-100-6B			100	235	90	–
G	3D	200-140-713	KYW16-120-6B			120	250	60	60

☆Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

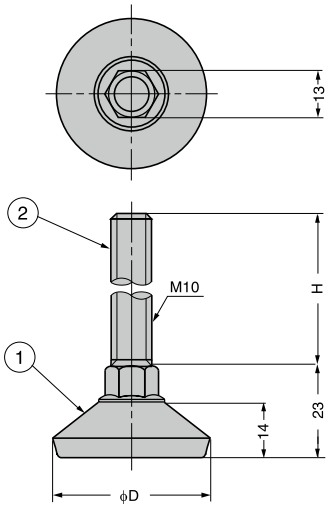
LEVELLING GLIDE PM

LOAD CAPACITY 1176~2744 N

TEST METHOD 14



- Black appearance without compromising the device design.



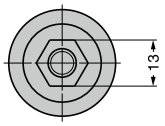
No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel (SWCH)	Black Chromate

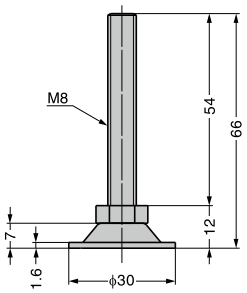
RoHS	CAD	Item Code	Item Name	D	H	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-145-030	PM-30	30	60	1176	120	48	40	400
–	3D	200-145-034	PM-40	38		2744	280	50	30	300
–	3D	200-149-032	PM-40-70		47			49	30	300
–	3D	200-149-161	PM-50	50	60	1960	200	55	20	200

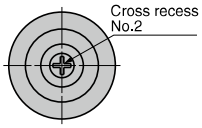
LEVELLING GLIDE AD-502-P

LOAD CAPACITY 2744 N | TEST METHOD 14









- Cross-recessed bottom allows easy installation with electric screwdriver.
- Cover 1 installed at the bottom to prevent from scratching the floor available.

[Sold Separately]

- Wrench for AD-502: AD-502-SP



[Base]



[Wrench for AD-502: AD-502-SP] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-936-204	AD-502-SP	Steel	Coloured Zinc Chromate	14	250	1000

[Body]

RoHS	CAD	Item Code	Item Name	Material	Finish	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-024-440	AD-502P	Steel	Coloured Zinc Chromate (Trivalent)	2744	280	30	100	400
G	3D	200-024-441	AD-502P-BZC		Black Chromate (Trivalent)				100	400

Refer to 1 : P.953

LEVELLING GLIDE AD-502

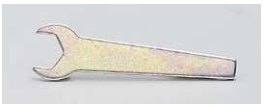
LOAD CAPACITY 2744 N | TEST METHOD 14

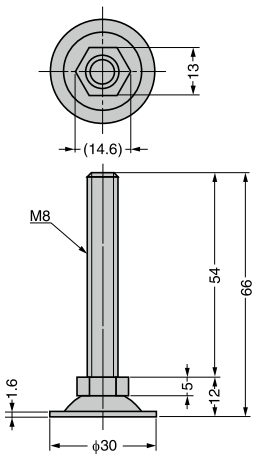


- Cover 1 installed at the bottom to prevent from scratching the floor available.

[Sold Separately]

- Wrench for AD-502: AD-502-SP





[Wrench for AD-502: AD-502-SP] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-936-204	AD-502-SP	Steel	Coloured Zinc Chromate	14	250	1000

[Body]

RoHS	CAD	Item Code	Item Name	Material	Finish	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-059	AD-502	Steel	Coloured Zinc Chromate (Trivalent)	2744	280	30	100	400
–	3D	200-149-237	AD-502BZC		Black Chromate				100	400

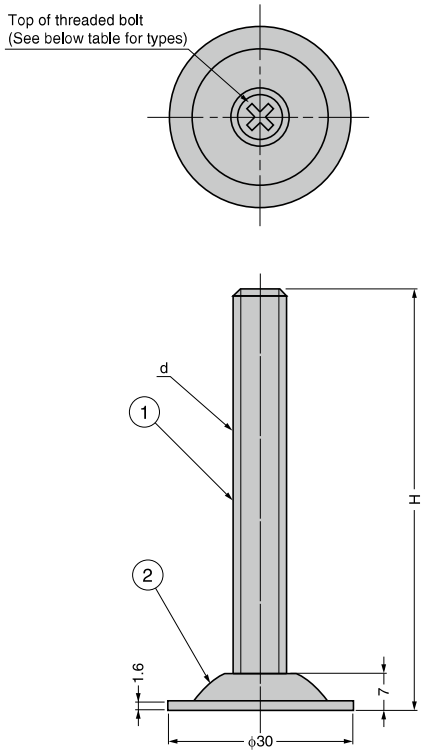
Refer to 1 : P.953

LEVELLING GLIDE AD-501

LOAD CAPACITY 980 N,1372 N | TEST METHOD 14



- Special surface finishes and dimensions also available by made to order.
- Height adjustable on cross-recessed (M8) or slotted (M10) top of threaded bolt with screwdriver.
- Cover 1 installed at the bottom to prevent from scratching the floor available.



No.	Part Name	Material	Finish
①	Shaft	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
②	Base	See Below	

RoHS	CAD	Item Code	Item Name	Base/Material	d	Bolt Top/Type	H	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-060	AD-501-30E	Steel (SPCC)	M8	Cross Recess	30	980	100	17	100	400
G	3D	200-140-580	AD-501-50E	Steel (SPHC)			50			22	100	400
G	3D	200-140-057	AD-501-60E	Steel (SPCC)			60			25	100	400
G	3D	200-140-581	AD-501-70E	Steel (SPHC)			70			28	50	200
G	3D	200-140-582	AD-501-75E				75			30	50	200
G	3D	200-140-583	AD-501-80E				80			31	50	200
G	3D	200-140-056	AD-501-90E	Steel (SPCC)			90			35	50	200
G	3D	200-140-584	AD-501-105E	Steel (SPHC)			105			38	50	200
G	3D	200-140-585	AD-501-120E				120			43	50	200
G	3D	200-140-586	AD-501-130E				130			45	50	200
G	3D	200-140-061	AD-501-30G	Steel (SPHC)	M10	Slot	30	1372	140	20	100	400
G	3D	200-140-063	AD-501-60G				60			37	100	400
G	3D	200-140-590	AD-501-90G				90			50	50	200
G	3D	200-140-591	AD-501-120G				120			65	50	200

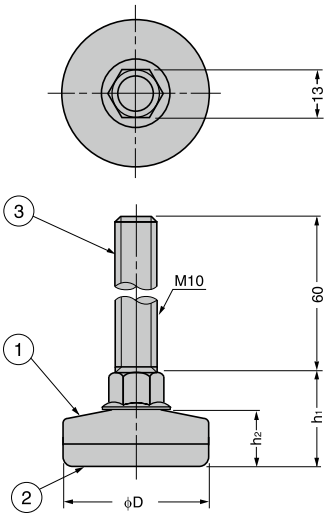
Refer to 1 : P.953

LEVELLING GLIDE TN-S

LOAD CAPACITY 1372 N | TEST METHOD 14



●Levelling glide with plastic base to prevent from scratching the floor.



No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPCC)	Chrome
②	Base	PP	Natural
③	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)

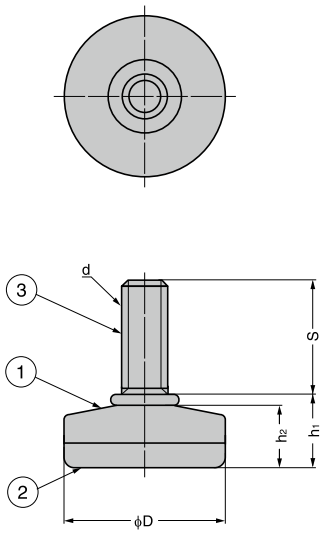
RoHS	CAD	Item Code	Item Name	D	h1	h2	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-249	TN-25S	25	21	12	1372	140	50	50	500
G	3D	200-140-250	TN-35S	35	22.5	13.5			60	30	300
G	3D	200-140-251	TN-45S	43.5					70	20	200

LEVELLING GLIDE TN

LOAD CAPACITY 784 N,980 N | TEST METHOD 14



●Levelling glide with plastic base to prevent from scratching the floor.



No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPCC)	Chrome
②	Base	PP	Natural
③	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)

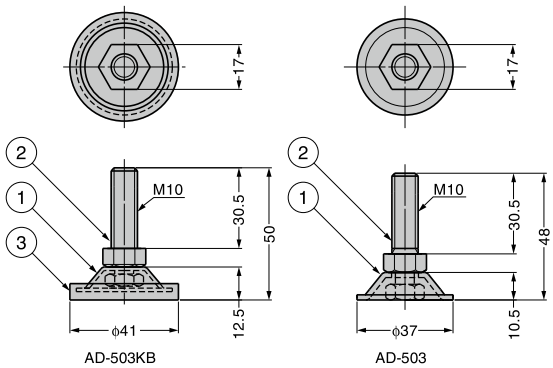
RoHS	CAD	Item Code	Item Name	d	D	h1	h2	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-246	TN-25	M8	25	15	12	25	784	80	20	100	1000
G	3D	200-140-247	TN-35	M10	35	16.5	13.5		980	100	30	50	500
G	3D	200-140-248	TN-45		43.5			32			40	40	400

LEVELLING GLIDE AD-503KB, AD-503

LOAD CAPACITY 400 N,3000 N



- Hexagon nut at the bottom allows easy installation with impact wrench.
- AD-503KB: With non-slip elastomer cover.



[AD-503KB] With Cover

No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPCC)	Coloured Zinc Chromate (Trivalent)
②	Threaded Bolt	Steel (SWRCH)	
③	Cover	Elastomer (TPE)	Black

[AD-503] Without Cover

No.	Part Name	Material	Finish/Colour
①	Body	Steel (SPCC)	Coloured Zinc Chromate (Trivalent)
②	Threaded Bolt	Steel (SWCH)	

RoHS	CAD	Item Code	Item Name	Type	Weight (g)	Box (pcs)	Carton (pcs)
G!	3D	200-013-623	AD-503KB	With Cover	62	–	200
G!	3D	200-013-624	☆ AD-503	Without Cover	59	–	200

☆Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

LEVELLING GLIDE TG

LOAD CAPACITY 343~1764 N **TEST METHOD 14**

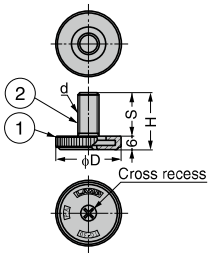


- Models with a grippy ethylene vinyl acetate (EVA) base to prevent slipping are newly launched (with “GP” in the item name).
- Thin structure without compromising the cabinet design.
- Base with knurled outer periphery for easy installation.
- Cross-recessed bottom allows easy installation.

[Remarks]

- For products with “GP” in the item name, the base is made of non-slip material. To prevent scraping or peeling off, please do not forcibly drag.





No.	Part Name	Material	Finish/Colour
①	Body	PA, EVA	Dark Grey, White, Black
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate

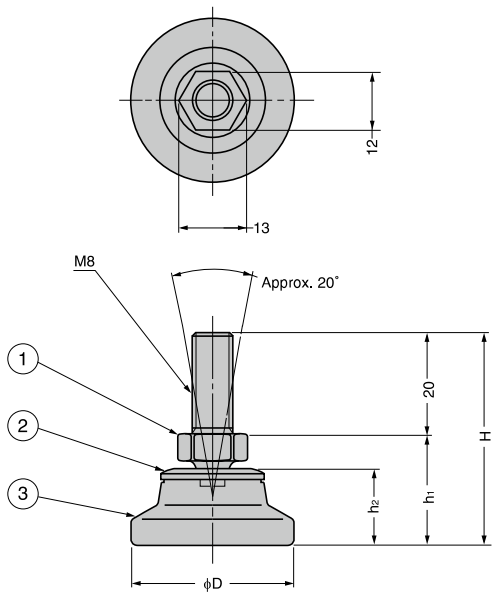
RoHS	CAD	Item Code	Item Name	Colour	d	D	H	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G!	3D	200-140-240	TG-20	Dark Grey	M8	20	21	15	980	100	11	120	720
G!	3D	200-936-848	TG-20WT	White								120	720
G!	3D	200-035-374	TG-20GP-BL	Black					343	35		120	720
G!	3D	200-035-375	TG-20GP-WT	White								120	720
G!	3D	200-142-501	TG-30	Dark Grey	M10	30	26	20	1470	150	25	100	600
G!	3D	200-936-849	TG-30WT	White								100	600
G!	3D	200-035-376	TG-30GP-BL	Black					980	100		100	600
G!	3D	200-035-377	TG-30GP-WT	White								100	600
G!	3D	200-142-520	TG-40	Dark Grey		40			1764	180	36	60	360
G!	3D	200-936-850	TG-40WT	White								60	360
G!	3D	200-035-378	TG-40GP-BL	Black					687	70		60	360
G!	3D	200-035-379	TG-40GP-WT	White								60	360

LEVELLING GLIDE SG With Swivel Function

LOAD CAPACITY 1176 N,1568 N | TEST METHOD 14



- Swivels approximately 20° to compensate for uneven floors.



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWCH)	Black Chromate
②	Cap	PA	Dark Grey
③	Base	POM	

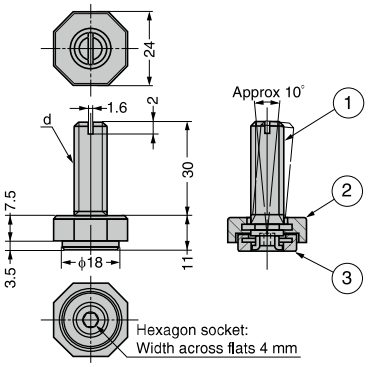
RoHS	CAD	Item Code	Item Name	D	H	h1	h2	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-142-506	SG-32M8	32	42	22	15.5	1176	120	25	60	480
G	3D	200-142-504	SG-40M8	40	42.5	22.5	16	1568	160	30	35	210

OCTAGONAL LEVELLING GLIDE MK8AD With Swivel Function

LOAD CAPACITY 588 N | TEST METHOD 14



- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Slotted top of threaded bolt and hexagon socket at the bottom allows easy installation and adjustment.
- Octagonal base allows easy adjustment by hand or wrench (width across flats: 24 mm).
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.
- Levelling glide with elastomer base to prevent from skidding.



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWCH)	Black Chromate (Trivalent)
②	Cover	PA	Black
③	Base	Elastomer (TPO)	

RoHS	CAD	Item Code	Item Name	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-018-798	MK8AD-M8	M8	588	60	18	80	480
G	3D	200-140-039	MK8AD-M10	M10			20	80	480

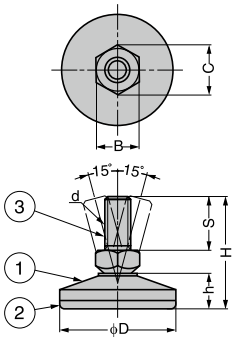
LEVELLING GLIDE RP With Swivel Function

LOAD CAPACITY 588~6100 N | TEST METHOD 14



- Swivels approximately 30° to compensate for uneven floors.
- Polyamide base.
- Wide variations of available bolts: M6~M14.
- RPS 1 with stainless steel threaded bolt also available.

[Remarks]
- Extended threaded bolt S available by made to order.



No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Satin
②	Base	PA	Natural
③	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate

RoHS	CAD	Item Code	Item Name	d	D	H	h	S	B	C	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-028	RP-25M6-G	M6	25	31	9.7	14	8	9.2	588	60	11	50	500
G	3D	200-140-029	RP-30M8-G	M8	30	37.5	11.2	19	10	11.5	1078	110	21	35	350
G	3D	200-140-023	RP-30N25	W5/16										35	350
G	3D	200-140-031	RP-40M10-G	M10	40	42.5	13.7	20	13	15	1568	160	38	25	250
G	3D	200-140-032	RP-40N3-G	W3/8										25	250
G	3D	200-140-033	RP-50M12-G	M12	50	51	16	25	17	19.6	3136	320	70	15	150
G	3D	200-140-027	RP-70M14-G	M14	70	66.5	24.7	30	19	22	6100	622	150	10	100

Refer to 1 : P.945

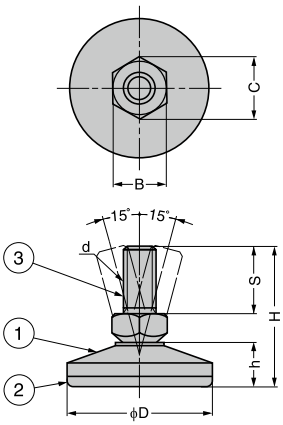
STAINLESS STEEL LEVELLING GLIDE RPS With Swivel Function

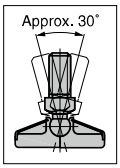
LOAD CAPACITY 588~1568 N | TEST METHOD 14 | SUS

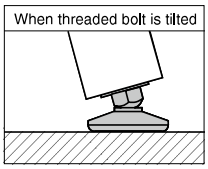


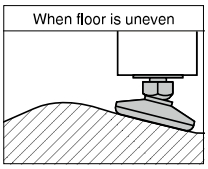
- Swivels approximately 30° to compensate for uneven floors.
- Polyamide base.
- RP 1 with steel threaded bolt also available.

[Remarks]
- Extended threaded bolt S available by made to order.









No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel (SUS304)	Satin
②	Base	PA	Natural
③	Threaded Bolt	Stainless Steel (SUS303)	Plain

RoHS	CAD	Item Code	Item Name	d	D	H	h	S	B	C	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-026-994	RPS-25M6-G	M6	25	31	9.7	14	8	9.2	588	60	11	50	500
–	3D	200-026-995	RPS-30M8-G	M8	30	37.5	11.2	19	10	11.5	1078	110	21	35	350
–	3D	200-026-996	RPS-40M10-G	M10	40	42.5	13.7	20	13	15	1568	160	38	25	250

Refer to 1 : P.945

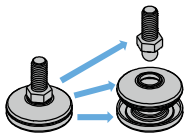
LEVELLING GLIDE EA With Swivel Function

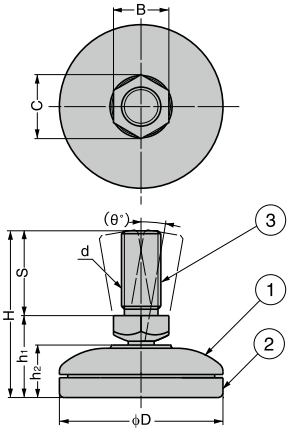
LOAD CAPACITY 490~2646 N



- Parts can be easily separated for recycling purpose.
- Bolt swivels to compensate for uneven floors (see below table for swivel angle).

Parts can be easily separated for recycling purpose.





No.	Part Name	Material	Finish/Colour
①	Cover	ABS	Dark Grey
②	Base		
③	Threaded Bolt	Steel (SWRM)	Coloured Zinc Chromate (Trivalent)

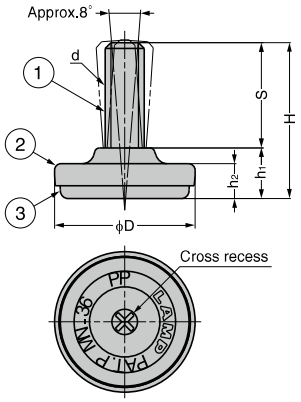
RoHS	CAD	Item Code	Item Name	d	D	H	h1	h2	S	B	C	θ°	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-911	EA-25M6	M6	25	31	14	8.5	17	8	9.2	10	490	50	10	120	1200
G	3D	200-140-912	EA-30M8	M8	30	37.5	17	10.5	20.5	10	11.5	15	980	100	20	80	800
G	3D	200-140-913	EA-40M10	M10	40	42.5	20.5	13	22	13	15	12.5	1274	130	32	40	400
G	3D	200-140-910	EA-50M12	M12	50	51	25	16	26	17	19.6	10	2646	270	60	20	200

LEVELLING GLIDE MN With Swivel Function

LOAD CAPACITY 1176 N,1568 N NSF TEST METHOD 14



- Swivels approximately 8° to compensate for uneven floors.
- Levelling glide with plastic base to prevent from scratching the floor.



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWCH)	Chrome
②	Cover	Stainless Steel (SUS304)	–
③	Base	PP	Natural

RoHS	CAD	Item Code	Item Name	d	D	H	h1	h2	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-401	MN-25M8	M8	25	40	13	9	27	1176	120	26	100	600
G	3D	200-140-400	MN-25N2.5	W5/16									100	600
G	3D	200-140-403	MN-32M10	M10	32					1568	160	34	80	480
G	3D	200-140-402	MN-32N3	W3/8									80	480
G	3D	200-140-405	MN-36M10	M10	36							39	60	360
G	3D	200-140-404	MN-36N3	W3/8									60	360
G	3D	200-140-407	MN-40M10	M10	40							42	50	300
G	3D	200-140-406	MN-40N3	W3/8									50	300
G	3D	200-140-409	MN-50M12	M12	50	50	16	11	34			77	20	120
G	3D	200-140-408	MN-50N4	W1/2									20	120

STAINLESS STEEL LEVELLING GLIDE MKPS With Swivel Function

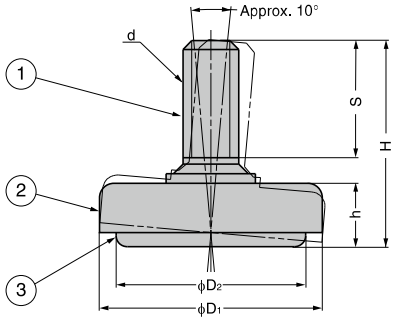
LOAD CAPACITY 1960~3920 N | NSF | TEST METHOD 14 | SUS



- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.

[Base]





No.	Part Name	Material	Finish
①	Body	Stainless Steel	Plain
②	Cover	Stainless Steel (SUS304)	Satin
③	Base		Plain

RoHS	CAD	Item Code	Item Name	d	D1	D2	H	h	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-141-320	MKPS-32M10	M10	32	27	36	11	21	1960	200	50	60	480
G	3D	200-141-321	MKPS-32N3	W3/8									60	480
G	3D	200-141-322	MKPS-40M10	M10	40	34	37	11.4		3136	320	70	40	320
G	3D	200-141-323	MKPS-40N3	W3/8									40	320
G	3D	200-141-324	MKPS-50M10	M10	50	44	37.5	11.5		3528	360	95	30	240
G	3D	200-141-325	MKPS-50N3	W3/8									30	240
–	3D	200-141-326	MKPS-60M12	M12	60	54	51.5		35	3920	400	140	15	120

STAINLESS STEEL LEVELLING GLIDE MKRS With Swivel Function

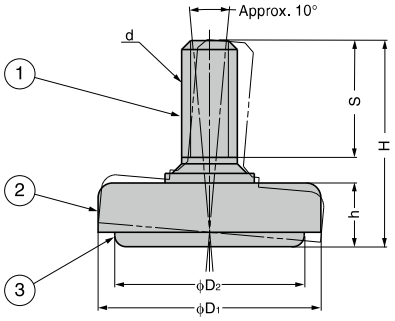
LOAD CAPACITY 392~980 N | TEST METHOD 14 | SUS



- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.
- Levelling glide with elastomer base to prevent from skidding and scratching the floor.

[Base]





No.	Part Name	Material	Finish/Colour
①	Body	Stainless Steel	Plain
②	Cover	Stainless Steel (SUS304)	Satin
③	Base	As below	Black

RoHS	CAD	Item Code	Item Name	Base	d	D1	D2	H	h	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-141-328	MKRS-32M10	Elastomer (TPO)	M10	32	27	36	11	21	392	40	50	60	480
–	3D	200-141-329	MKRS-32N3		W3/8									60	480
–	3D	200-141-330	MKRS-40M10		M10	40	34	37	11.4		784	80	70	40	320
–	3D	200-141-331	MKRS-40N3		W3/8									40	320
–	3D	200-141-332	MKRS-50M10		M10	50	44	37.5	11.5		980	100	90	30	240
–	3D	200-141-333	MKRS-50N3		W3/8									30	240
–	3D	200-141-334	MKRS-60M12	Nitrile Rubber (NBR)	M12	60	54	51.5		35			150	15	120
–	3D	200-141-335	MKRS-70M14		M14	70	64						200	15	120

LEVELLING GLIDE MKP With Swivel Function

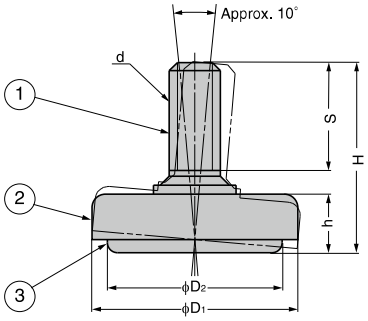
LOAD CAPACITY 1176 N,1568 N | TEST METHOD 14



- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.

[Base]





No.	Part Name	Material	Finish
①	Body	Steel (SWCH)	Chrome
②	Cover	Steel (SPCC)	
③	Base		

RoHS	CAD	Item Code	Item Name	d	D_1	D_2	H	h	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-141-503	MKP-32M10	M10	32	27	36	11	21	1568	160	44	80	480
G	3D	200-140-090	MKP-32N3	W3/8									80	480
G	3D	200-140-094	MKP-40M10	M10	40	34	37	11.4				65	50	300
G	3D	200-140-091	MKP-40N3	W3/8									50	300
G	3D	200-140-095	MKP-50M10	M10	50	44	37.5	11.5		1176	120	90	20	120
G	3D	200-140-092	MKP-50N3	W3/8									20	120
G	3D	200-141-100	MKP-60M12	M12	60	54	51.5		35	1568	160	155	15	120
G	3D	200-141-101	MKP-70M14	M14	70	64						195	15	120

LEVELLING GLIDE MKR With Swivel Function

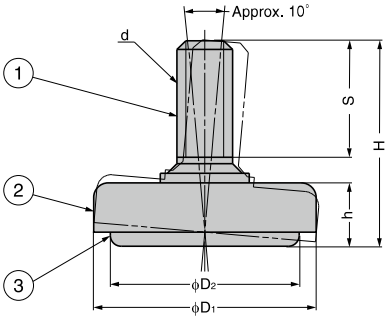
LOAD CAPACITY 392~784 N | TEST METHOD 14



- Levelling glide with elastomer base to prevent from skidding and scratching the floor.
- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.

[Base]





No.	Part Name	Material	Finish/Colour
①	Body	Steel (SWCH)	Chrome
②	Cover	Steel (SPCC)	
③	Base	As below	Black

RoHS	CAD	Item Code	Item Name	Base	d	D_1	D_2	H	h	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-141-513	MKR-32M10	Elastomer (TPO)	M10	32	27	36	11	21	392	40	41	80	480
–	3D	200-140-096	MKR-32N3		W3/8									80	480
–	3D	200-141-514	MKR-40M10		M10	40	34	37	11.4		588	60	60	50	300
G	3D	200-140-097	MKR-40N3		W3/8									50	300
–	3D	200-141-515	MKR-50M10		M10	50	44	37.5	11.5				87	20	120
–	3D	200-140-098	MKR-50N3		W3/8									20	120
G	3D	200-141-103	MKR-60M12	Nitrile Rubber (NBR)	M12	60	54	51.5		35	784	80	150	15	120
–	3D	200-141-102	MKR-70M14		M14	70	64						215	15	120

LEVELLING GLIDE MKR-N With Swivel Function

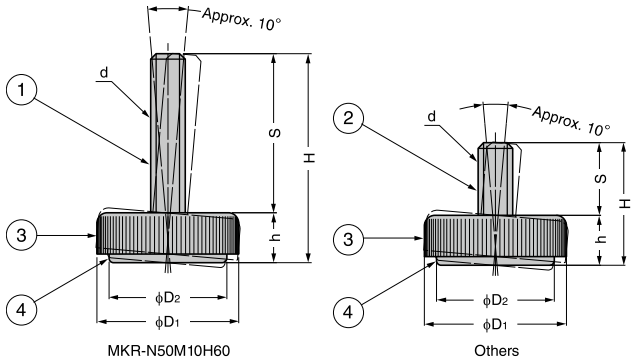
LOAD CAPACITY 588~784 N



- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.
- Levelling glide with elastomer base to prevent from skidding and scratching the floor.

[Remarks]

- If the levelling glide can not be turned by hand, slightly lift it to adjust.



No.	Part Name	Material	Finish/Colour
①	Body	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
②			Chrome
③	Cover	PA	Black
④	Base	Elastomer (TPO)	

RoHS	CAD	Item Code	Item Name	d	D1	D2	H	h	S	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-141-300	MKR-N32M10	M10	33	27	36	14	22	588	60	35	80	480
G	3D	200-141-301	MKR-N32N3	W3/8									80	480
–	3D	200-141-302	MKR-N40M10	M10	41	34	37	15		686	70	45	50	300
–	3D	200-141-303	MKR-N40N3	W3/8								40	50	300
–	3D	200-141-304	MKR-N50M10	M10	51	44	37.5	15.5	44.5	784	80	60	20	120
–	3D	200-140-100	MKR-N50M10H60				60						20	120
–	3D	200-141-305	MKR-N50N3	W3/8			37.5		22			55	20	120

LEVELLING GLIDE MKR-N32DG32 With Swivel Function

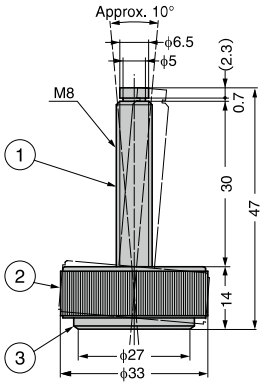
LOAD CAPACITY 454 N



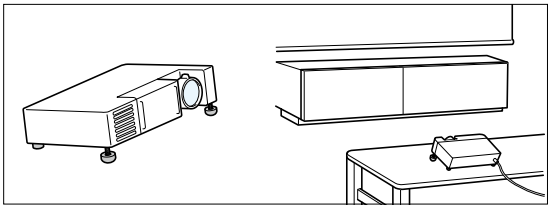
- Swivels approximately 10° to compensate for uneven floors.
- With swivel function to distribute the load evenly for excellent durability.
- Base with knurled outer periphery for easy installation.
- Double structure of cover/bolt and base allow easy height adjustment without lifting the leg.
- Levelling glide with elastomer base to prevent from skidding and scratching the floor.

[Remarks]

- If the levelling glide can not be turned by hand, slightly lift it to adjust.



[Application Example]



No.	Part Name	Material	Finish/Colour
①	Body	Steel	Chrome
②	Cover	PA	Dark Grey
③	Base	Elastomer (TPO)	Black

RoHS	CAD	Item Code	Item Name	Colour	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-149-228	MKR-N32DG32	Dark Grey	454	46	31	50	300

SELF-LEVELLING GLIDE SAJ

LOAD CAPACITY 490 N



- Gel inside adjusts automatically to uneven floor.
- Easy to rearrange table, etc.
- Self adjustment up to 3mm or 6mm.
- Easy to replace existing levelling glides to SAJ.

[Specifications]

- Operating temperature: -20℃~75℃

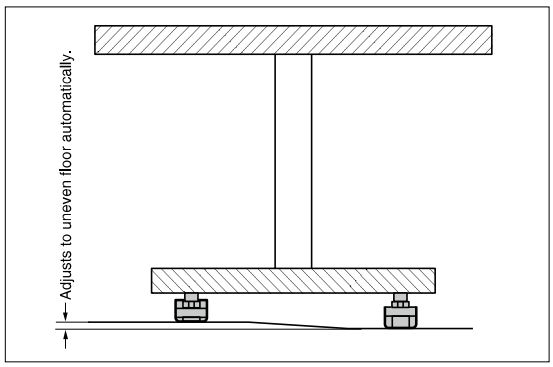
[Remarks]

- Special wrench (sold separately) is necessary for installation.
- Self-levelling glide is used for absorbing impact caused by the table rattle. It is not intended to keep the table horizontal. Slight sloping may occur depending on the inclined surface of the floor.

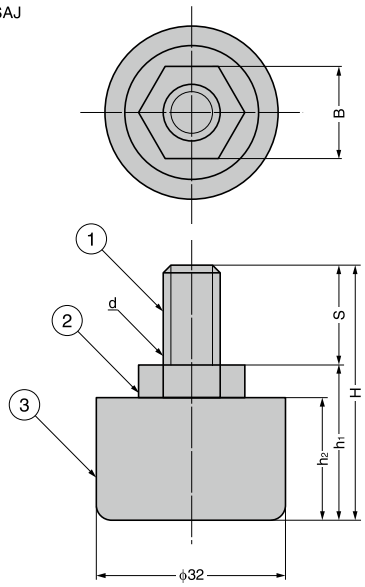
[Sold Separately]

- Wrench SAJ

[Installation]



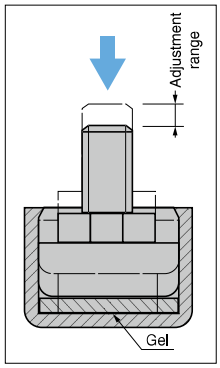
Rattle caused by uneven floor can be automatically eliminated.



No.	Part Name	Material	Finish/Colour
①	Threaded Bolt	Steel (SWCH)	※Coloured Zinc Chromate/SAJ30-10
②	Hex Nut		※Clear Zinc Chromate/SAJ30-12
③	Cover	PE	Black

※The finishes will be clear zinc chromate (trivalent) when the current stock runs out.

[Self Adjustment]



[SAJ-Wrench] Sold Separately



[Wrench] Sold Separately

RoHS	CAD	Item Code	Item Name	Nominal	Thickness	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-390	SAJ10	10	1.6	18	100	–
G	3D	200-140-391	SAJ13	13	2.0	19	100	1000
–	3D	200-140-392	SAJ14	14		20	50	–
G	3D	200-140-393	SAJ17	17	2.2	21	80	800

[Body]

RoHS	CAD	Item Code	Item Name	Adjustment Range	d	H	h₁	h₂	S	B	Load Capacity N/pc	Load Capacity kgf/pc	Appropriate Table Weight kg 4 pcs	5 pcs	6 pcs	Wrench	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-149-309	SAJ30-10N2.5	3	W5/16	33	24	19	9	14	490	50	7~12	8~15	10~18	SAJ14	26	40	400
–	3D	200-149-308	SAJ30-10N3		W3/8	37	25		12	17						SAJ17	36	40	400
–	3D	200-149-307	SAJ30-10M6		M6	34	24		10	10						SAJ10	21	40	400
–	3D	200-149-306	SAJ30-10M8		M8	33			9	13						SAJ13	25	40	400
G	3D	200-149-305	SAJ30-10M10		M10	37	26		11	17						SAJ17	38	40	400
–	3D	200-149-304	SAJ30-12N2.5		W5/16	33	24		9	14			12~24	15~30	18~36	SAJ14	26	40	400
–	3D	200-149-303	SAJ30-12N3		W3/8	37	25		12	17						SAJ17	36	40	400
–	3D	200-149-302	SAJ30-12M6		M6	34	24		10	10						SAJ10	21	40	400
G	3D	200-149-301	SAJ30-12M8		M8	33			9	13						SAJ13	25	40	400
–	3D	200-149-300	SAJ30-12M10		M10	37	26		11	17						SAJ17	38	40	400
–	3D	200-140-105	SAJ30-12-6N2.5	6	W5/16	42	31	24		14						SAJ14	29	40	400
–	3D	200-140-104	SAJ30-12-6N3		W3/8					17						SAJ17	39	40	400
–	3D	200-140-103	SAJ30-12-6M6		M6	44	32		12	10						SAJ10	29	40	400
–	3D	200-140-102	SAJ30-12-6M8		M8	42			10	13						SAJ13	22	40	400
–	3D	200-140-101	SAJ30-12-6M10		M10	41	31			17						SAJ17	41	40	400

LEVELLING GLIDE SG-CGP40 With Swivel Function

LOAD CAPACITY 588 N | TEST METHOD 14

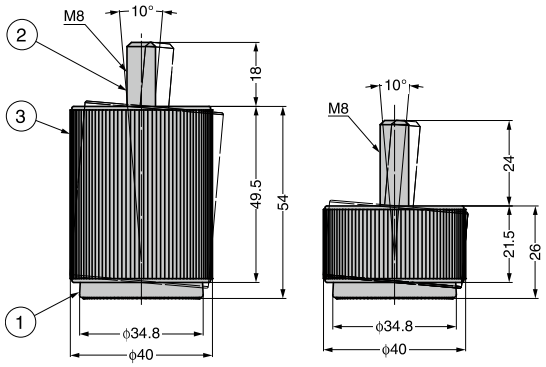


SG-CGP40M8L54 SG-CGP40M8L26

- The body of the levelling glide can tilt up to approximately 10°, enabling it to hold level even on slanting floors.
- Separated body and base structure enables height to be adjusted by rotating the body even while a load is applied.
- The base is made from slip-resistant ethylene-vinyl acetate (EVA).

[Remarks]

- The base is made from slip-resistant material. Do not forcibly drag this product, as it may cause this material to wear off or peel.
- If the body cannot be rotated by hand, lift the mounted item slightly and try adjusting again.



SG-CGP40M8L54 SG-CGP40M8L26

No.	Part Name	Material	Finish/Colour
①	Base	Ethylene-vinyl Acetate (EVA)	Blast Finish
②	Screw Part	Steel (SWCH)	Black Chromate Finish (Trivalent)
③	Cover	Polyamide (PA)	Black

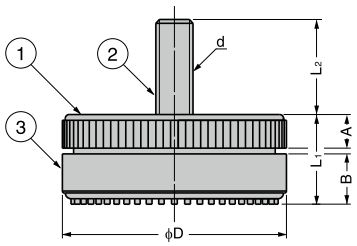
RoHS	CAD	Item Code	Item Name	Load Capacity N	Load Capacity kgf	Weight (g)
G	3D	200-042-136	SG-CGP40M8L26	588	60	38
G	3D	200-042-137	SG-CGP40M8L54			60

LEVELLING GLIDE A800

LOAD CAPACITY 588 N



- Body and base can be rotated separately, making it possible to adjust after installation.
- Levelling glide with plastic base to prevent from scratching the floor.



No.	Part Name	Material	Finish/Colour
①	Body	PA	Black
②	Threaded Bolt	Steel (SWCH)	Coloured Zinc Chromate (Trivalent)
③	Base	PUR	Black

RoHS	CAD	Item Code	Item Name	L_1	L_2	D	d	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-532	A800-40L	23	24	40	M8	588	60	35	200	–
G	3D	200-140-530	A800-40HL	54	32					71	120	–
G	3D	200-140-533	A800-50L	24	25.5	50	M10			58	160	–
G	3D	200-140-534	A800-50HL	54	34					113	60	–
G	3D	200-140-531	A800-60L	25	26	60				69	100	–

GLIDE BASE ADZS, ADZ

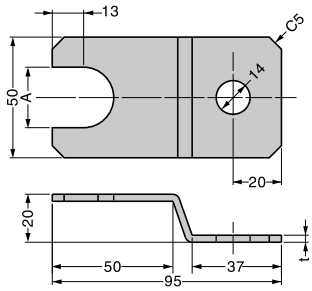
SUS



- 2 types of materials: Steel and stainless steel (SUS304) with excellent rust resistance.
- Easy installation by inserting on the hexagon nut (of the Levelling glide) and fixing to floor with an anchor bolt.
- For M12, M16, M20 levelling glide.

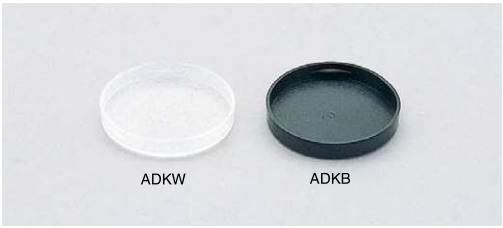
[Applications Example]

- Machine tools, conveyor belts, any equipment with vibration, etc.

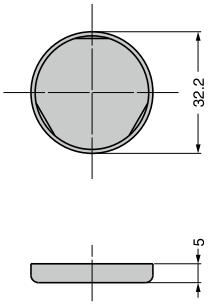


RoHS	CAD	Item Code	Item Name	A	t	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-141-243	ADZS-M12	19	3	Stainless Steel (SUS304)	Barrel Polished	104	50	100
G	3D	200-141-244	ADZS-M16	24.5				100	50	100
G	3D	200-141-245	ADZS-M20	30.5				96	50	100
–	3D	200-141-240	ADZ-M12	19	3.2	Steel (SPHC)	Clear Zinc Chromate	115	50	100
–	3D	200-141-241	ADZ-M16	24.5				110	50	100
–	3D	200-141-242	ADZ-M20	30.5				106	50	100

COVER FOR AD-501, AD-502 ADKW, ADKB



- Installed on the base of levelling glides AD-501 1, AD-502 2 and AD-502-P2 3 to prevent from scratching the floor.



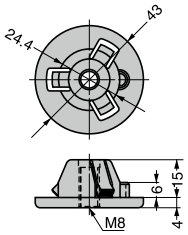
RoHS	CAD	Item Code	Item Name	Material	Colour	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-088	ADKW	PE	Natural (Semi-transparent)	1	250	2500
G	3D	200-140-089	ADKB		Black		250	2500

Refer to 1 : P.941, 2 3 : P.940

SNAP-IN GLIDE BASE AD-438 For M8

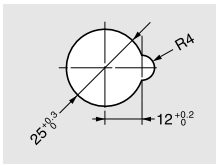
LOAD CAPACITY 490 N



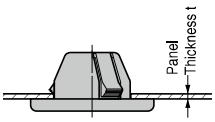


- For sheet metal.
- Easy installation simply by pushing into the mounting hole.

[Cut Out Dimensions]



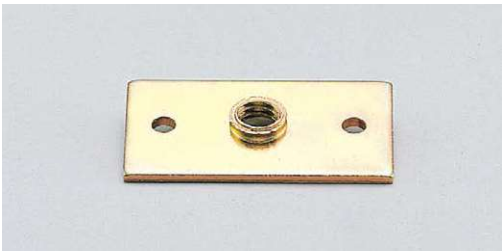
[Installation]

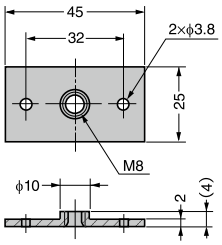


RoHS	CAD	Item Code	Item Name	Material	Colour	Panel Thickness t	Load Capacity N/pc	Load Capacity kgf/pc	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-014-819	AD-438	POM	Grey	0.8~1.6	490	50	11	1000	–

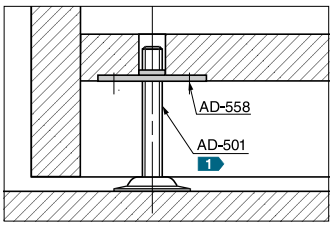
※Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

GLIDE BASE AD-558 For M8





[Installation]

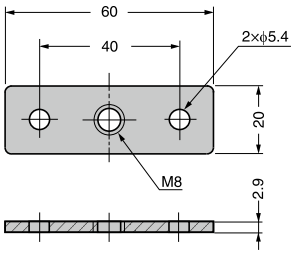


RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-140-080	AD-558	Steel (SPCC)	Coloured Zinc Chromate	16	250	1000

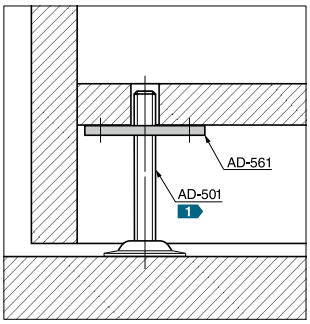
Refer to 1 : P.941

GLIDE BASE AD-561 For M8





[Installation]



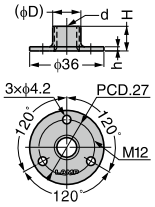
RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)
G	3D	200-140-068	AD-561	Steel (SPCC)	Coloured Zinc Chromate (Trivalent)	30	500

Refer to 1 : P.941

STAINLESS STEEL GLIDE BASE AP36

SUS



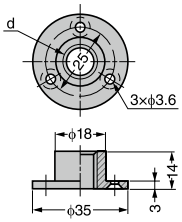


AP36-M12 shown.

RoHS	CAD	Item Code	Item Name	Material	Finish	d	D	h	H	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-501	AP36-M8	Stainless Steel (SUS304)	Barrel Polished	M8	9.6	1.5	12	13	100	1000
G	3D	200-140-502	AP36-M10			M10	11			13	100	1000
G	3D	200-140-503	AP36-N3			3/8-16UNC	10.9			12	100	1000
G	3D	200-140-504	AP36-M12			M12	13.9	2	11.5	19	80	800

GLIDE BASE AD-559





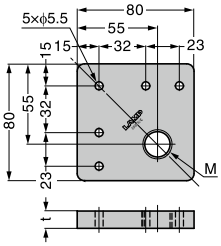
RoHS	CAD	Item Code	Item Name	Material	Finish	d	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-141-310	AD-559M12	Zinc Alloy (ZDC)	Clear Zinc Chromate	M12	26.5	100	400
G	3D	200-141-311	AD-559M14			M14	23.5	100	400
G	3D	200-140-073	AD-559U1/2			1/2-20UNF	24.6	100	400

GLIDE BASE AS-AJ

AS SUS



- Used for installing levelling glides and threaded bolt type casters to aluminium frame.
- AS parts set for installing to aluminium frame also available. Content of the parts set is as follows.



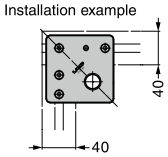
RoHS	CAD	Item Code	Item Name	M	t	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-140-455	AS-AJ-M10	M10	6	Stainless Steel (SUS430)	Barrel Polished	278	50	–
G	3D	200-140-456	AS-AJ-M12	M12				276	50	–
G	3D	200-140-457	AS-AJ-M16	M16	9			414	30	–

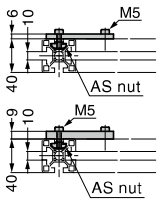
AS Parts Set for Installing to Aluminium Frame

Please refer to the series introduction page 1 for details about AS series.

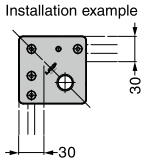
[Dimensions]

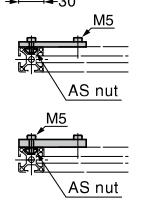
40×40 mm aluminium frame Installation example





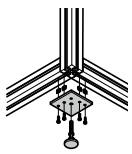
30×30 mm aluminium frame Installation example



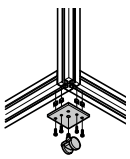


[Installation]

Levelling glide



Caster



Refer to 1 : P.20

[AS Parts Set] Parts set of glide base, screws and AS nuts used for installing to aluminium frame.

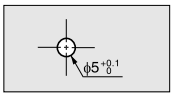
RoHS	CAD	Item Code	Item Name	Aluminium Frame	Parts	Weight (g)
G	–	200-041-678	AS-AJ-M10-8	Groove Width 8 mm	Glide Base AS-AJ-M10 : 1 pc AS Nut AS-8M5 : 5 pcs M5×16 Hexagon Socket Head Cap Screw : 5 pcs	–
G	–	200-041-679	AS-AJ-M10-10	Groove Width 10 mm	Glide Base AS-AJ-M10 : 1 pc AS Nut AS-10M5 : 5 pcs M5×16 Hexagon Socket Head Cap Screw : 5 pcs	–
G	–	200-041-680	AS-AJ-M12-8	Groove Width 8 mm	Glide Base AS-AJ-M12 : 1 pc AS Nut AS-8M5 : 5 pcs M5×16 Hexagon Socket Head Cap Screw : 5 pcs	–
G	–	200-041-681	AS-AJ-M12-10	Groove Width 10 mm	Glide Base AS-AJ-M12 : 1 pc AS Nut AS-10M5 : 5 pcs M5×16 Hexagon Socket Head Cap Screw : 5 pcs	–
G	–	200-041-682	AS-AJ-M16-8	Groove Width 8 mm	Glide Base AS-AJ-M16 : 1 pc AS Nut AS-8M5 : 5 pcs M5×20 Hexagon Socket Head Cap Screw : 5 pcs	–
G	–	200-041-683	AS-AJ-M16-10	Groove Width 10 mm	Glide Base AS-AJ-M16 : 1 pc AS Nut AS-10M5 : 5 pcs M5×20 Hexagon Socket Head Cap Screw : 5 pcs	–

CASE FOOT (A TYPE) FF

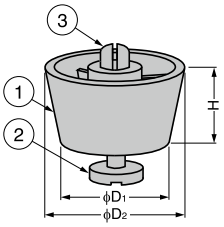


- Easy installation simply by spreading out rivet with threaded pin.
- Detachable with flat-head screwdriver.

[Cut Out Dimensions]



No.	Part Name	Material	Colour
①	Body	Elastomer (TPE)	Black
②	Threaded Pin	POM	
③	Rivet	PA	



RoHS	CAD	Item Code	Item Name	D_1	D_2	H	Board Thickness	Weight (g)	Pack (pcs)	Box (pack)	Carton (pack)
G	3D	200-038-085	FF-001-P20	20	24	14	1~2.3	3.4	20	10	–
G	3D	200-038-087	FF-004-P20	18	20	10		2.2	20	10	–

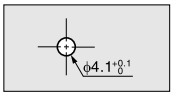
※Limited stock available. Please contact your local agent or your nearest Sugatsune subsidiary for detail/availability.

CASE FOOT (B TYPE) FF

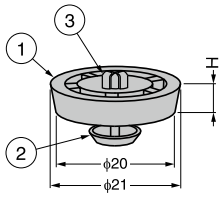


- Easy installation simply by spreading out rivet with threaded pin.

[Cut Out Dimensions]



No.	Part Name	Material	Colour
①	Body	Elastomer (TPE)	Black
②	Pin	PA	
③	Rivet		



RoHS	CAD	Item Code	Item Name	H	Board Thickness※1	Weight (g)	Pack (pcs)	Box (pack)	Carton(pack)
G	3D	200-038-088	FF-005-P20	4.2	0.8~1.8	1.2	20	25	–
G	3D	200-038-090	FF-008-P20	6		1.5	20	10	–
G	3D	200-038-091	FF-009-P20	8	0.8~2	1.9	20	10	–

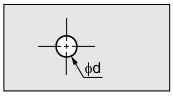
※1Models suitable for other thicknesses available by made to order.

CASE FOOT (MINI TYPE) FF

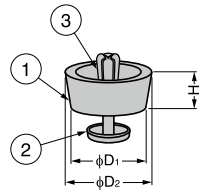


- Easy installation simply by spreading out rivet with threaded pin.

[Cut Out Dimensions]



No.	Part Name	Material	Colour
①	Body	Elastomer (TPE)	Black
②	Pin	PA	
③	Rivet		



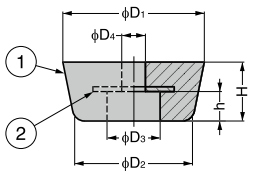
RoHS	CAD	Item Code	Item Name	D_1	D_2	H	d	Board Thickness※1	Weight (g)	Pack (pcs)	Box (pack)	Carton (pack)
G	3D	200-038-086	FF-003-P20	13.5	14.2	5.5	3.1 +0.1 0	0.8~1	0.7	20	25	–
G	3D	200-038-089	FF-006-P20	14	15	6	4.1 +0.1 0	1~2	0.9	20	25	–
G	3D	200-038-092	FF-010-P20			9			1.2	20	25	–
G	3D	200-038-093	FF-013-P20	10	10.8	4	3.6 +0.05 0	0.6~1	0.3	20	50	–

※1Models suitable for other thicknesses available by made to order.

RUBBER FOOT K



- With washer.
- Hardness: 65



No.	Material	Colour
①	Styrene-Butadiene Rubber (SBR)	Black
②	Stainless Steel (SUS430)	–

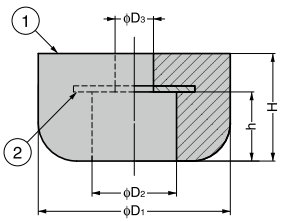
RoHS	CAD	Item Code	Item Name	D_1	D_2	H	D_3	D_4	h	Weight (g)	Pack(pcs)	Box (pack)	Carton (pack)
G	3D	200-038-123	K-95-P100	9	7	5	4	2	3	0.5	100	1	5
G	3D	200-038-094	K-10-P100	10	9		5	3			100	1	5
G	3D	200-038-095	K-12-P100	12	8	9			4	1	100	1	5
G	3D	200-038-096	K-15-P100	15	14	8	6		5	1.5	100	1	5
G	3D	200-038-097	K-1510-P100		10	10	5				100	1	5
G	3D	200-038-098	K-16-P100	16	14		6			2.5	100	1	5
G	3D	200-038-099	K-18-P100	18	15	11	7	4	7	3	100	1	5
G	3D	200-038-103	K-209-P100	20	16	9		3	5		100	1	5
G	3D	200-038-101	K-2010-P100			10	8		4	3.5	100	1	5
G	3D	200-038-100	K-20-P100			12	7	4	7	4	100	1	5
G	3D	200-038-102	K-2017-P100		15	17		3	8	5.5	100	1	5
G	3D	200-038-104	K-22-P100	22	18	24			11	10	100	1	5
G	3D	200-038-105	K-23-P100	23	19	14		4	5	6	100	1	5
G	3D	200-038-106	K-2320-P100		20	20	8		10	9.5	100	1	5
G	3D	200-038-107	K-24-P100	24		10			5	5.5	100	1	5
G	3D	200-038-108	K-259-P100	25	19	9	10	5		5	100	1	5
G	3D	200-038-109	K-26-P100	26	20	15	9	4	10	8	100	1	5
G	3D	200-038-110	K-28-P100	28	22	18	12		11	11	100	1	5
G	3D	200-038-111	K-29-P100	29	24	15	14		10	10	100	1	5
G	3D	200-038-112	K-30-P100	30		19				13.5	100	1	5
G	3D	200-038-113	K-3215-P100	32	28	15		5	5	14	100	1	5
G	3D	200-038-114	K-3220-P100		26	20	15		10	16.5	100	1	5
G	3D	200-038-115	K-3225-P100		28	25	14		9	22.5	100	1	5
G	3D	200-038-116	K-34-P100	34	27	18	17		10	16	100	1	5
G	3D	200-038-118	K-3617-P100	36	20	17		6	9	16.5	100	1	5
G	3D	200-038-117	K-36-P100		30	22	12	5	12	25	100	1	5
G	3D	200-038-119	K-38-P100	38	32	24			13	31	100	1	5
G	3D	200-038-120	K-40-P100	40	30	22	14		9	28	100	1	5
G	3D	200-038-121	K-45-P50	45	35	27	12		12	46	50	1	5
G	3D	200-038-122	K-63-P50	63	48	26	14	7	15	87.5	50	1	5

RUBBER FOOT SK



- With washer.
- Hardness: 65

No.	Material	Colour
①	Styrene-Butadiene Rubber (SBR)	Black
②	Stainless Steel (SUS430)	Plain



RoHS	CAD	Item Code	Item Name	D_1	D_2	D_3	H	h	Weight (g)	Pack (pcs)	Box (pack)	Carton (pack)
G	3D	200-038-187	SK-13-P100	13	6	3	5	2	1	100	1	5
G	3D	200-038-188	SK-156-P100	15	7		6	3	1.5	100	1	5
G	3D	200-038-189	SK-1910-P100	19			10	5	3.5	100	1	5
G	3D	200-038-190	SK-1912-P100		9	4	12	7	4.5	100	1	5
G	3D	200-038-191	SK-2519-P100	25	11	5	14	9	7	100	1	5

BASE HS-550


Paint/White

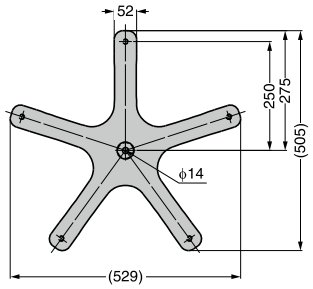

Polished

- Flat surface with stain resistance.
- 2 finishes (White & Polished) available.
- Recommended caster: M10 type of FA55N 1 for HS-550M10, EX-100N 2 for HS-550M12.
- For ϕ38.1 pipe.
- Use with optional weight for base HSW-2 to prevent falling. Up to 5 pcs can be installed.

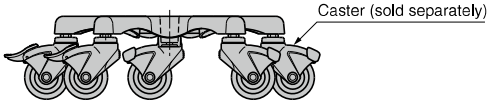
[Applications]
- Medical equipment, OA equipment, household appliances, beauty equipment, etc.

[Remarks]
- When using casters with swivel lock, please take anti-loosening measures before installing the casters.
- Do not use for chairs.

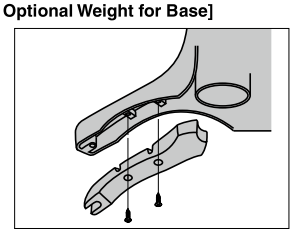
[Sold Separately]
- Caster
- Weight for base



[Use with Caster]

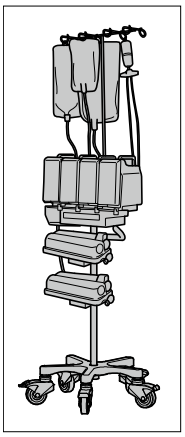


[Installation of Optional Weight for Base]



※Screws not included. Please prepare separately.
Recommended Screw: Hexagon socket head cap screw M5×15

[Application Example]



[Caster] Sold Separately

FA55N
Threaded bolt type 1



EX-100N
Threaded bolt type 2



[Weight for Base] Sold Separately



[Weight for Base] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	Weight (kg)	Box (pcs)	Carton (pcs)
–	3D	200-021-233	HSW-2	Cast Iron (FC)	Paint/White	Approx. 1.9	–	10

[Body]

RoHS	CAD	Item Code	Item Name	Material	Finish/Colour	d	Weight (g)	Box (units)	Carton (pcs)
G	3D	200-013-966	HS-550M10W	Aluminium Alloy (ADC)	Paint/White	M10	1773	5	1
G	3D	200-012-545	HS-550M12W			M12	2200	5	1
G	3D	200-017-128	HS-550M10M		Polished	M10	2400	5	–
G	3D	200-014-984	HS-550M12M			M12	2200	5	–

Refer to 1 : P.906, 2 : P.887

BASE HO500



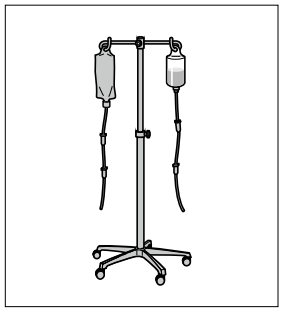
- Light and tough aluminium body.
- For ϕ50.8 pipe.
- Can be used for ϕ25, ϕ32, ϕ38 pipe with spacer (sold separately).

[Applications]
- Medical equipment, OA equipment, household appliances, etc.

[Remarks]
- Do not use for chairs with backrest.
- When using a spacer, fix it with fixing plate and screw from the bottom of the body. (Screw not included.)
- The form of spacer is tapered. Please use a hammer to press and fit the spacer as necessary.

[Sold Separately]
- Spacer HOS
- Fixing plate HOS-Z
- Caster

[Application Example]



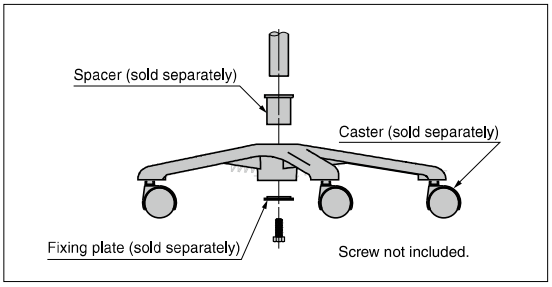
[Spacer] Sold Separately

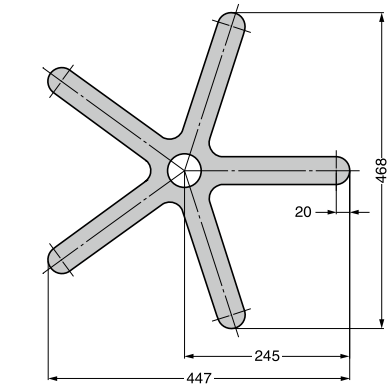


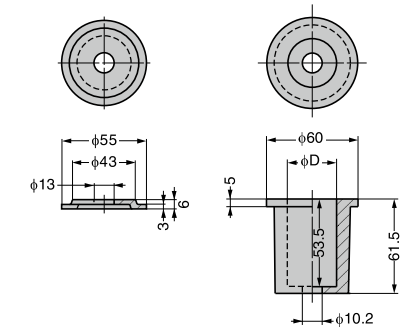


Caster (sold separately)

[Installation]







Fixing plate (HOS-Z) Spacer

[Body] Caster, spacer and fixing plate are sold separately.

RoHS	CAD	Item Code	Item Name	d	Material	Finish	Custom Finish	Weight (g)	Box (units)	Carton (units)
G'	3D	200-881-326	HO500N3	W3/8	Aluminium Alloy	Polished	Enamel	1297	5	–
G'	3D	200-025-048	HO500M10	M10			Finish	1269	5	–

[Spacer] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Colour	D	Weight (g)	Box (pcs)	Carton (pcs)
G'	3D	200-881-320	HOS-25	PA	Black	25.7	102	100	–
G'	3D	200-881-321	HOS-32			32.5	85	100	–
G'	3D	200-881-322	HOS-38			38.6	62	100	–

[Fixing Plate] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
G'	3D	200-881-323	HOS-Z	Stainless Steel (SUS304)	Barrel Polished	50	500	–

BASE BJ610



Use with caster (sold separately) shown.

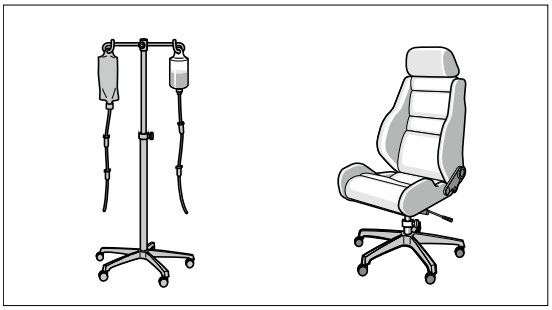
- Reinforced polyamide body with excellent durability and resistance against chemicals, weather and wear.
- For ϕ50.8 pipe.
- Can be used for ϕ25, ϕ32, ϕ38 pipe with spacer (sold separately).

[Applications]
- Medical equipment, OA equipment, household appliances, etc.

[Remarks]
- When using a spacer, fix it to the bottom of the pipe with fixing plate and screw.
- Screw not included.

[Sold Separately]
- Spacer HOS
- Fixing plate HOS-Z
- Caster CTW38

[Application Example]



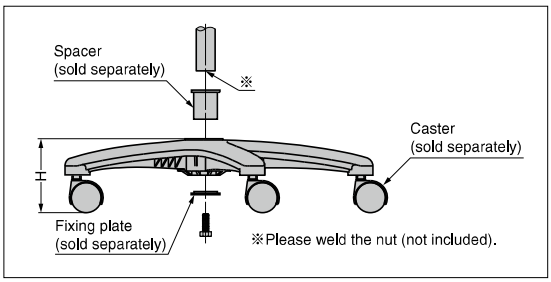
[Spacer] Sold Separately

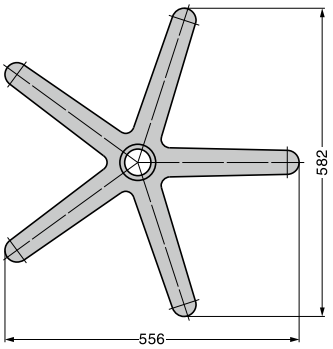




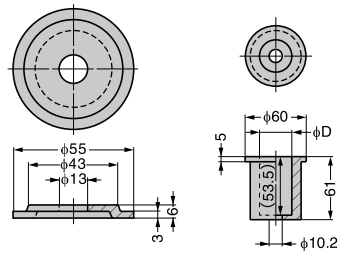
Caster (sold separately)

[Installation]





BJ610



Fixing plate (HOS-Z) Spacer

[Body] Caster, spacer and fixing plate are sold separately.

RoHS	CAD	Item Code	Item Name	Material	Colour	Weight (g)	Box (units)	Carton (units)
–	3D	200-881-319	BJ610	Reinforced Polyamide	Dark Grey	1770	10	–

[Spacer] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Colour	D	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-881-320	HOS-25	PA	Black	25.7	102	100	–
G	3D	200-881-321	HOS-32			32.5	85	100	–
G	3D	200-881-322	HOS-38			38.6	62	100	–

[Fixing Plate] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)	Carton (pcs)
G	3D	200-881-323	HOS-Z	Stainless Steel (SUS304)	Barrel Polished	50	500	–

[Caster] Sold Separately

RoHS	CAD	Item Code	Item Name	Material	Colour	Wheel Dia.	H	Weight (g)	Box (pcs)	Carton (pcs)
–	3D	200-881-324	CTW38	PA/Urethane	Black	50	126	119	100	–

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