

Casters

Ultra Low Profile



Type	D	Body		Wheel	Seal	Bearings	
		Material	Surface Treatment	Material Color	Material	Swiveling	Wheel
CGJF	65	Low Carbon Steel Specialty Steel	Trivalent Chromate	Phenol Black	None	Incorporated	Incorporated
	65A			Special Reinforced Plastic Black			
	75			Phenol Black			
CGJFM	65			MC Nylon Blue			
	75			MC Nylon Blue			
CGJFD	65			Electrically Conductive MC Nylon Black			
	75	Electrically Conductive MC Nylon Black					

Body Type	Part Number		H	d	r	Allowable Load (N)				Mass (g)
	Type	D				Plastic	Phenol	MC Nylon	Electrical Conductivity MC Nylon	
Swivel	CGJF Plastic / Phenol	65	88	10.5	57	—	3000	3000	3000	750
		65A				3000	—	—		
	CGJFM MC Nylon	75	98	61	—	3000	3000	3000	850	
		75A			3000	—	—			

Part Number Example: **CGJF65A**

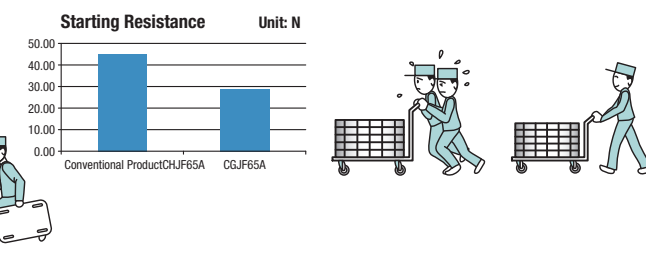
Features

Weight-saving Advantages

- Main body is 25% less weight than existing casters (see below). This improves the casters safety and reduces the burden put on the user.
- By reducing the weight, the cost is also reduced.
- Allowable Load is not drastically different from the preexisting casters.

Improvement in Starting a Movement

- With 36% less swiveling resistance, a cart moves smoothly as its starting resistance decreases.

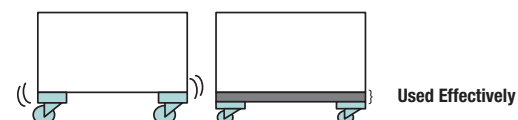


Comparison of Mass between Pre-existing Casters (Using 4 Casters)

D (Wheel Dia.)	Mass (g)		Weight-saving Percentage
	Pre-existing CHJF	CGJF	
65	3560	2720	-24%
75	3920	2920	-26%

Lower Installation Height

- Stability in running is improved as its installation height is lower than that of equivalent products.
- It allows effective use of a space created from lower installation height.



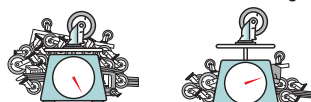
Main body is 25% less weight than existing casters: P.3136.

Conservation of Resources

- A decrease in Caster weight leads to a cut in disposal cost.

Pre-existing Casters

Light-weight Casters



Casters

Medium-Heavy Load / Heavy



Material	Body		Wheel	Bearings	
	Material	Surface Treatment	Material (Color)	Swiveling	Wheel
CSHN-S	Low Carbon Steel	Trivalent Chromate	Reinforced Plastic (Black)	Incorporated	Incorporated
CSHNS-S	304 Stainless Steel	—	Phenol (Black) MC Nylon (Blue)		

Body Type	Part Number		Wheel Material	H	d	r	B	t	Allowable Load (N)	Mass (g)	
	Type	D									
Swivel	CSHN-S	50	H Reinforced Plastic	79	8.8	49	38	3.2	3000	700	
		65		90						56	750
		75		100						61	850
	CSHNS-S	50	N Phenol MC Nylon	79	8.8	49	38	3.0	2500	670	
		65		90						56	715
		75		100						61	810

Material	Body		Wheel	Bearings	
	Material	Surface Treatment	Material (Color)	Swiveling	Wheel
Low Carbon Steel	Trivalent Chromate	Special Reinforced Plastic (Black)	Incorporated	Incorporated	

Body Type	Part Number		Wheel Material	H	B	A	C	F ₁	F ₂	d	t	E	r	Allowable Load (N)	Mass (g)	
	Type	D														
Swivel	CSHN	65	N Reinforced Nylon	92	45	100	—	80	78	11	4	14	50	6000	1700	
		75		106											55	1850
Fixed	CSHK	65		N Reinforced Nylon	92	45	104	119	80	78	11	4	—	—	6000	1300
		75			106											—

Part Number Example: **CSHN-S75 - H**
CSHN65 - N