

# Casters

## Heavy Load / Super Heavy Load

**Heavy Load**

RoHS 10

**Swivel**  
**CSHN**

**Fixed**  
**CSHK**

**Swivel with Stopper**  
**CSHNS**

		Main Body	Wheel	Bearing
		M Material	S Surface Treatment	M Material (Color)
		SPHC	Trivalent Chromate	Reinforced Nylon (Black)
				Incorporated

Main Body	Part Number Type	D	Wheel Material	H	A	C	F1	F2	G1	G2	d	E	r	B	t	Allowable Load (N)	Mass (g)	Bearing Wheel	Unit Price
Swivel	CSHN	50A	N (Reinforced Nylon)	68	70	54	54	-	36	-	6.5	22	50	28	3	2000	340	Not Provided	
		50		79	90	90	71	-	71	-	11	25	54	38	3.5	3500	870		
		65A		92	90	90	71	-	71	-	11	25	62	38	3.5	3000	940		
		65		92	100	100	80	78	80	78	11	14	50	45	4	6000	1700	Incorporated	
		75A		106	90	90	71	-	71	-	11	25	66	38	3.5	4000	1030		
75	106	100		100	80	78	80	78	11	14	55	45	4	6000	1850				
Fixed	CSHK	65		92	104	119	80	78	80	78	11	-	-	45	4	6000	1300	Incorporated	
		75		106	104	119	80	78	80	78	11	-	-	45	4	6000	1560		
		50A		68	70	54	54	-	36	-	6.5	22	69	28	3	2000	400	Not Provided	
Swivel With Stopper	CSHNS	65A		92	90	90	71	-	71	-	11	25	88	38	3.5	3000	1100		
		65		92	100	100	80	78	80	78	11	14	89	45	4	6000	1800	Incorporated	
		75A		106	90	90	71	-	71	-	11	25	88	38	3.5	4000	1200		
		75		106	100	100	80	78	80	78	11	14	89	45	4	6000	2000		

### Super Heavy Load

RoHS 10

Part Number Type	D	Main Body		Wheel	Seal	Bearing
		M Material	S Surface Treatment	M Material (Color)	M Material	Swiveling Part
CKZJ	50	SPHC	Trivalent Chromate	Reinforced Plastic (Black)	Polypropylene	Incorporated
CKZK	65, 75			Phenol (Black)		
CKZJ	80, 100			MC Nylon (Blue)		
				Electrically Conductive MC Nylon (Black)		
				MC Nylon (Black)		Incorporated (Needle Bearing)

**Swivel**  
**CKZJ**

**Fixed**  
**CKZK**

\*The dimensions in ( ) are for D80 and 100.

**ex** Example

Needle Bearing

Excels in load capacity, because needle bearings are used as the wheel bearings.

Main Body	Part Number Type	D	Wheel Material	B	H	A	C	F	G	d	t	E	r	Allowable Load (N)	Mass (g)	Unit Price			
				H	P	N	D												
Swivel	CKZJ	50	H (Reinforced Plastic)	38	79	84	-	64	-	8.5	3.2	12	47	4000	820				
		65		48	97	100	-	78	-	10.5	14	54	5000	1540					
		75		48	107	100	85	80	60	9	4.5	20	63	8000	1680	-	-	-	-
		*80		48	120	100	85	80	60	9	4.5	20	63	8000	1680	-	-	-	-
		*100		48	140	150	110	121	59	13	8.5	20	72	9000	2160	-	-	-	-
Fixed	CKZK	50	D (Electrically Conductive MC Nylon)	38	79	85	90	64	-	8.5	3.2	-	-	4000	550				
		65		48	97	100	108	78	-	10.5	-	-	5000	1000					
		75		48	107	100	108	78	-	10.5	-	-	6000	1060					

\* The wheel material for D80 and 100 type is N (MC nylon) only. D80 and 100 type can also be pulled by a powered mover if the operational speed is under 2km/h.

Ordering Example: Part Number - Wheel Material  
 CSHN65 - N  
 CKZJ65 - P