

# Casters

## Light / Medium Load

Castors used for small / medium-size carriages.



RoHS10

Swivel  
**CNGJ**  
**CNSGJ**

Fixed  
**CNGK**  
**CNSGK**

Swivel with Stopper  
**CNSG 50 / 65 / 75 / 100 / 125 / 150**  
**CNSGS 100 / 125 / 150**

**CNSGS 65 / 75**

See the diagram below.

Type	Main Body	Wheel	Bearing
<b>CNG</b>	Material: SPHC Surface Treatment: Trivalent Chromate	Material (Color): Synthetic Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated Wheel: Provided for D100, 125, 150
<b>CNSG</b>	Material: SUS304 Surface Treatment: Barrel Grinding	Material (Color): Synthetic Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated Wheel: Provided for D100, 125, 150

\* Swivel Slotted Hole if Close-up (D=100, 125 and 150 only)  
 \* Fixed Slotted Hole if Enlarged View (D125 and 150)  
 \* D100 Nylon wheel has no bearing in the wheel.  
 \* D25 and 38 rubber wheel color is gray.

Main Body	Part Number Type	Wheel Material	D	Dimensions (mm)												Allowable Load (N)				Mass (g)			
				H	A	C	F1	F2	G1	G2	d	E	r	B	Steel	Stainless Steel	R	U	N	R	U	N	
Swivel	CNGJ (Steel) CNSGJ (Stainless Steel)	R (Rubber) U (Urethane) N (Nylon)	25	35	35	30	28	-	23	-	4.2	9	24	13	1.5	-	80	-	100	36	-	37	
			38	50	46	38	36	-	28	-	5.3	13	34	18	2	-	200	-	280	74	-	75	
			50	65	59	47	46	-	35	-	6.5	16	46	21(20*)	2	-	500	-	600	170	-	140	
			65	85	70	58	55	54 (*4)	42	44 (*4)	8.8	25	59	65	25(27*)	2.3	2	500	700	700	370	310	300
			75	93	80	68	65	64 (*4)	50	52 (*4)	10.5	30	84	32(30*)	2.9	3	600	800	800	390	330	320	
Fixed	CNGK (Steel) CNSGK (Stainless Steel)	R (Rubber) U (Urethane) N (Nylon)	100	130	90	90	71	68	71	68	10.5	30	84	32(30*)	2.9	3	1200	1200	1200	1055	930	900	
			125	165	110	102	80	75	80	75	11	35	103	38(30*)	4	4	1500	1500	1500	1600	1500	1350	
			150	190	140	102	80	75	80	75	11	40	120	35(40*3)	4	4	1600	1600	1600	1835	1750	1680	
			25	35	37	19	29	-	-	-	4.2	-	-	13	-	1.5	-	80	-	100	30	-	31
			38	50	46	25	36	-	15	-	5.3	-	-	18	-	2	-	200	-	280	51	-	52
Swivel with Stopper	CNSG (Steel) CNSGS (Stainless Steel)	R (Rubber) U (Urethane) N (Nylon)	50	65	59	47	46	-	35	-	6.5	16	46	21(20*)	2	-	500	-	600	220	-	190	
			65	85	70	58	55	54 (*4)	42	44 (*4)	8.8	25	59	65	25(27*)	2.3	2	500	700	700	420	360	350
			75	93	80	68	65	64 (*4)	50	52 (*4)	10.5	30	84	32(30*)	2.9	3	600	800	800	450	390	380	
			100	130	90	90	71	68	71	68	10.5	30	102	32(30*)	2.9	3	1200	1200	1200	1220	1095	1065	
			125	165	110	102	80	75	80	75	11	35	125	38(30*)	4	4	1500	1500	1500	1735	1635	1485	

(\*1) indicates dimensions for nylon wheels, as (★) are for urethane wheels, (\*2) are for CNSGK and (\*3) are for rubber wheels. \*CNSGK25 has 2 mounting holes.  
 (\*4) Only steel models are slotted. The angle of the slot will differ from the diagram.

Ordering Example: Part Number - Wheel Material  
 CNGJ100 - U



Part Number Type	D	Unit Price					
		Steel			Stainless Steel		
		R	U	N	R	U	N
CNGJ (Steel) CNSGJ (Stainless Steel)	25	-	-	-	-	-	-
	38	-	-	-	-	-	-
	50	-	-	-	-	-	-
	65	-	-	-	-	-	-
	75	-	-	-	-	-	-
CNGK (Steel) CNSGK (Stainless Steel)	100	-	-	-	-	-	-
	125	-	-	-	-	-	-
	150	-	-	-	-	-	-
	25	-	-	-	-	-	-
	38	-	-	-	-	-	-
CNSG (Steel) CNSGS (Stainless Steel)	50	-	-	-	-	-	-
	65	-	-	-	-	-	-
	75	-	-	-	-	-	-
	100	-	-	-	-	-	-
	125	-	-	-	-	-	-

\*For CNSGS100, the position of a stopper will be changed (left and right are reversed) from April, 2014.

# Casters Electrically Conductive / Stainless Steel

(Rubber)

(Urethane Wheel)

(Rubber)

Swivel  
**CRJJDG**  
**CSRJJDG**  
**CSMJU**

Fixed  
**CRKDG**  
**CSRKDG**  
**CSMKU**

Swivel with Stopper  
**CRSDG**  
**CSRSDG**  
**CSMSPU**

Stainless Steel

D125, 150

\* This type does not swivel.  
 \* indicates the swivel radius of wheel.

Type	Main Body	Wheel	Bearing
CRJJDG / CRKDG / CRSDG	Material: SPHC Surface Treatment: Trivalent Chromate	Material (Color): Electrically Conductive Rubber (Black)*	Swiveling Part: Incorporated Wheel: None
CSRJJDG / CSRKDG / CSRSDG	Material: SUS304 Surface Treatment: Barrel Grinding	Material (Color): Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated Wheel: None
CSMJU / CSMKU / CSMSPU	Material: SUS304 Surface Treatment: Barrel Grinding	Material (Color): Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated Wheel: None

\* Electrically conductive rubber specific volume resistivity: between 10<sup>2</sup> to 10<sup>4</sup>Ω·cm

## Electrically Conductive Wheel

Main Body	Part Number		D	B	H	A	C	r		K		F	d	t	E	G	Allowable Load (N)	Mass (g)	Unit Price	
	Steel Type	Stainless Steel						Steel Type	Stainless Steel	Steel Type	Stainless Steel									
Swivel	CRJJDG	CSRJJDG	50	20	65	42	47	47	-	-	56	6.5	2	22	28	300	190			
			65	25	85	70	61	61	-	-	55	8.8	2.3	27	42	500	370			
			75	25	93	58	66	66	-	-	82	8.8	2.3	28	31	600	420			
			100	122	100	58	82	82	-	-	82	31	40	28	40	500	600			
Fixed	CRKDG	CSRKDG	50	20	65	42	47	47	-	-	56	6.5	2	-	28	300	140			
			65	25	85	70	61	61	-	-	55	8.8	2.3	-	28	500	250			
			75	25	93	58	66	66	-	-	82	8.8	2.3	-	28	600	290			
			100	122	100	58	82	82	-	-	82	31	40	28	40	500	510			
Stopper	CRSDG	CSRSDG	50	20	65	42	51	51	32	31	56	6.5	2	22	28	300	210			
			65	25	85	70	67	67	43	40	55	8.8	2.3	27	42	500	430			
			75	25	93	58	68	68	43	40	55	8.8	2.3	28	42	600	470			
			100	122	100	58	82	82	44	43	82	31	40	28	40	500	670			

## Stainless Steel Casters

Main Body	Part Number Type	Wheel Material	B			H	A	C	F1	F2	d	t	E	G1	G2	K	r	Allowable Load (N)				Unit Price				
			R	U	N													R	U	N	R	U	N			
Swivel	CSMJU	R (Rubber)*1	75	25	26	25	93	70	58	55	-	8.8	2.3	28	42	-	66	600	700	800	390					
			100	29	32	32	132	90	90	71	68	11	3	32	71	68	82	800	1000	1000	950					
			125	32	32	32	168	102	102	80	75	11	3	36	80	75	99	1000	1200	-	1230					
			150	40	40	40	190	102	102	80	75	11	3	40	80	75	115	-	1800	1600	1500	1500				
Fixed	CSMKU	U (Urethane)	75	25	26	25	93	70	47	55	-	8.8	2.3	28	-	-	600	700	800	270						
			100	29	32	32	132	110	75	90	80	11	3	50	45	-	800	1000	1000	720						
			125	32	32	32	168	140	94	112	100	11	3	53	56	-	1000	1200	-	1180						
			150	40	40	40	190	102	102	80	75	11	3	60	75	-	1800	1600	1290	1290						
With Stopper	CSMSPU	N (Nylon)*2	75	25	26	25	93	70	58	55	-	8.8	2.3	28	42	-	600	700	800	430						
			100	29	32	32	132	90	90	71	68	11	3	32	71	68	55	86	800	1000	1000	1060				
			125	32	32	32	168	102	102	80	75	11	3	34	80	75	54	97	1000	1200	-	1340				
			150	40	40	40	190	102	102	80	75	11	3	40	80	75	65	115	-	1800	1600	1720	1720			

\*1 R(Rubber) Type of D dimension 150 is not available for Swivel, Fixed and Stopper Types. \*2 N(Nylon) Type of D dimension 125 is not available for Swivel, Fixed and Stopper Type.

Ordering Example: Part Number - Wheel Material  
 CRJJDG100 - U