

Casters

Light / Medium Load

■ Casters used for small / medium-size carriages.



(Rubber Wheel)



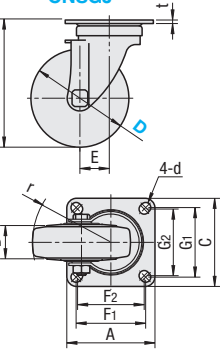
(Urethane Wheel)



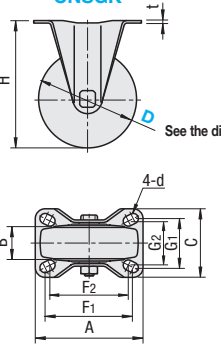
(Nylon Wheel)



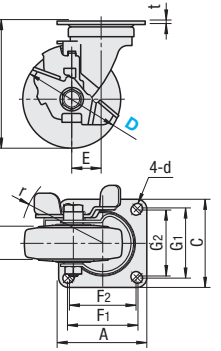
Swivel
CNGJ
CNSGJ



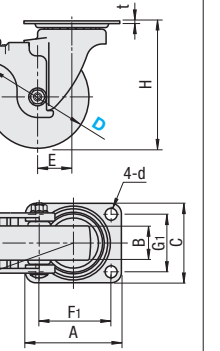
Fixed
CNGK
CNSGK



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



CNSGS 65 / 75



See the diagram below.

• Swivel Slotted Hole of Close-up (D=100, 125 and 150 only)

• Fixed Slotted Hole of Close-up (D=100, 125 and 150)

Type	Main Body	Wheel	Bearing
CNG	Material: EN 1.4301 Equiv. (not coated)	Material (Color): Synthetic Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated
CNSG	Material: EN 1.4301 Equiv. (Barrel Grinding)	Material (Color): Synthetic Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated

• D100 Nylon wheel has no bearing in the wheel.
• D25 and 38 rubber wheel color is gray.

Main Body	Part Number	Type	D	Wheel Material	H	A	C	F ₁	F ₂	G ₁	G ₂	d	E	r	B	t	Steel	Stainless Steel	Allowable Load (N)	Mass (g)
Swivel	CNGJ (Steel) CNSGJ (Stainless Steel)	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	-	-	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 (*)	42	44 (*)	8.8	25	59	25(27★)	2.3	2	500	700	700	370	310
		75	93	70	58	55	54 (*)	42	44 (*)	8.8	25	59	25(27★)	2.3	2	600	800	800	390	330
		100	130	90	90	71	68	71	68	10.5	30	84	32(30★)	2.9	3	1200	1200	1200	1055	900
Fixed	CNGK (Steel) CNSGK (Stainless Steel)	25	35	37	19	29	-	15	-	4.2	-	-	13	1.5	-	80	-	100	30	31
		38	50	46	25	36	-	15	-	5.3	-	-	18	-	-	200	-	280	51	52
		50	65	58	44	45	-	25	-	6.5	-	-	21(20*)	2	-	500	-	600	130	110
		65	85	70	52	55	54 (*)	28	8.8	-	-	-	25(27★)	2.3	2	500	700	700	260	200
		75	93	70	52	55	54 (*)	28	8.8	-	-	-	25(27★)	2.3	2	600	800	800	280	220
		100	130	110	70	90	80	50	45	10.5	-	-	32(30★)	2.6	2.5	1200	1200	1200	770	645
Swivel with Stopper	CNSGS (Steel) CNSGS (Stainless Steel)	25	35	37	19	29	-	15	-	4.2	-	-	13	1.5	-	80	-	100	30	31
		38	50	46	25	36	-	15	-	5.3	-	-	18	-	-	200	-	280	51	52
		50	65	58	44	45	-	25	-	6.5	-	-	21(20*)	2	-	500	-	600	130	110
		65	85	70	52	55	54 (*)	28	8.8	-	-	-	25(27★)	2.3	2	500	700	700	260	200
		75	93	70	52	55	54 (*)	28	8.8	-	-	-	25(27★)	2.3	2	600	800	800	280	220
		100	130	110	70	90	80	50	45	10.5	-	-	32(30★)	2.6	2.5	1200	1200	1200	770	645

(*)1 indicates dimensions for nylon wheels, as (★) are for urethane wheels, (*)2 are for CNSGK and (*)3 are for rubber wheels. (★)CNGK25 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



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

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

Casters Electrically Conductive / Stainless Steel



(Rubber)



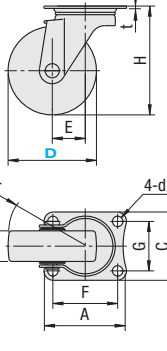
(Urethane Wheel)



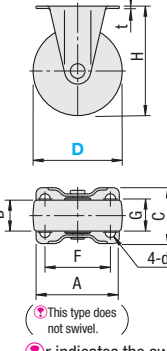
(Rubber)



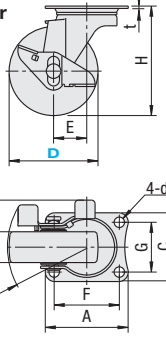
Swivel
CRJJDG
CSRJJDG
CSMJU



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: EN 1.4301 Equiv. (not coated)	Material (Color): Electrically Conductive Rubber (Black*)	Swiveling Part: Incorporated
CSRJJDG / CSRKDG / CSRSDG	Material: EN 1.4301 Equiv.	Material (Color): Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated
CSMJU / CSMKU / CSMSPU	Material: EN 1.4301 Equiv.	Material (Color): Rubber (Black), Urethane (Gray), Nylon (White)	Swiveling Part: Incorporated

* Electrically conductive rubber specific volume resistivity: between 10² to 10⁴Ω·cm

Electrically Conductive Wheel

Main Body	Part Number	Type	D	B	H	A	C	r	K	F	d	t	E	G	Allowable Load (N)	Mass (g)	Unit Price
Swivel	CRJJDG	CSRJJDG	50	20	65	70	42	47	47	56	6.5	2	22	28	300	190	
			65	25	85	90	58	61	61	55	8.8	2.3	27	42	500	370	
			75	25	93	100	58	66	66	82	8.8	2.3	28	40	600	420	
			100	25	93	100	58	66	66	82	8.8	2.3	31	40	500	600	
Fixed	CRKDG	CSRKDG	50	20	65	70	42	-	-	56	6.5	2	-	28	300	140	
			65	25	85	90	47	-	-	55	8.8	2.3	-	28	500	250	
			75	25	93	100	47	-	-	55	8.8	2.3	-	28	600	290	
			100	25	93	100	47	-	-	55	8.8	2.3	-	40	500	510	
Stopper	CRSDG	CSRSDG	50	20	65	70	42	51	51	32	6.5	2	22	28	300	210	
			65	25	85	90	58	67	67	43	8.8	2.3	27	42	500	430	
			75	25	93	100	58	68	68	43	8.8	2.3	28	40	600	470	
			100	25	93	100	58	68	68	43	8.8	2.3	31	40	500	670	

Stainless Steel Casters

Main Body	Part Number		Wheel Material	B			H	A	C	F ₁	F ₂	d	t	E	G ₁	G ₂	K	r	Allowable Load (N)				Mass (g)	Unit Price		
	Type	D		R (Rubber)	U (Urethane)	N (Nylon)													R	U	N	R		U	N	
Swivel	CSMJU	75	R (Rubber) ^{*1}	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	-	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	-			
Fixed	CSMKU	75	U (Urethane)	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	-	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	80	75	-	-	-	1800	1600	1290	-				
With Stopper	CSMSPU	75	N (Nylon) ^{*2}	25	26	25	93	70	58	55	-	8.8	2.3	28	42	-	43	68	600	700	800	430				
		100		29	32	32	132	90	90	71	68	-	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	-			

*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
CSMKU125 - U