

Casters

Light-Medium Load



Casters used for small / medium-size carriages.

Casters –
Light-Medium Load



Rubber Wheel



Urethane Wheel



Nylon Wheel

RoHS10

Swivel
CNGJ
CNSGJ

Fixed
CNGK
CNSGK

Swivel with Stopper
CNSGS50 / 65 / 75 / 100 / 125 / 150
CNSGS100 / 125 / 150

Swivel with Stopper
CNSGS65 / 75

Type	Body		Wheel	Bearings	
	Material	Surface Treatment	Material (Color)	Swiveling Part	Wheel
CNG	Low Carbon Steel	Trivalent Chromate	Synthetic Rubber (Black) / Urethane (Brown) / Nylon (White)	Incorporated	Provided for D100 / 125 / 150
CNSG	304 Stainless Steel	Barrel Grinding			

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

Body Type	Part Number		Wheel Material	H	A	C	F ₁	F ₂	G ₁	G ₂	d	E	r	B	Allowable Load (N)			Mass (g)					
	Type	D													Steel	Stainless Steel	R	U	N	R	U	N	
	Swivel	CNGJ Steel	25	R Rubber	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	
CNSGJ Stainless Steel		75	85		70	58	55	54(**)	42	44(**)	8.8	25	59	25 (27**)	2.3	2	600	700	700	370	310	300	
		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		102	102	80	75	80	75	11	—	35	103	38 (30**)	4	4	1500	1500	1500	1600	1500	1350
		150	190		—	—	—	—	—	—	—	—	40	120	35 (40*)	—	—	1600	1600	1600	1835	1750	1680
Fixed	CNGK Steel	25	U Urethane	35	37	19	29	—	—	—	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	
	CNSGK Stainless Steel	75		85	70	52 (47*)	55	54(**)	28	—	—	8.8	—	—	25 (27**)	2.3	2	500	700	700	260	200	190
		100		93	—	—	—	—	—	—	—	—	—	—	600	800	800	280	220	190	—	—	—
		125		130	110	70	90	80	50	43	10.5	—	—	32 (30**)	2.9	—	1200	1200	1200	770	645	615	
		150		165	—	—	—	—	—	—	—	—	—	38 (30**)	4	2.5	1500	1500	1500	1100	1000	850	
Swivel with Brake	CNSGS Steel	50	N Nylon	130	90	90	71	68	71	68	10.5	30	102	32 (30**)	2.9	3	1200	1200	1200	1220	1095	1065	
		75		190	140	80	112	100	56	53	11	—	—	35 (40*)	4	—	1600	1600	1600	1400	1315	1245	
	100	65		59	47	46	—	35	—	6.5	16	56	21 (20*)	2	—	500	—	600	220	—	190		
	125	85		70	58	55	54(**)	42	44(**)	8.8	25	99	25 (27**)	2.3	2	500	700	700	420	360	350		
CNSGS Stainless Steel	150	93	—	—	—	—	—	—	—	—	—	—	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	102	102	80	75	80	75	11	—	—	35	125	38 (30**)	4	4	1500	1500	1500	1735	1635	1485	
150	190	—	—	—	—	—	—	—	—	—	40	128	35 (40*)	—	—	1600	1600	1600	2045	1950	1890		

(*)1 indicates dimensions for nylon wheels, as (**) are for urethane wheels,
(*)2 are for CNSGK and
(*)3 are for rubber wheels.
(*)4 Only steel models are slotted. The angle of the slot will differ from the diagram. CNGK25 has two mounting holes.

Ⓛ Urethane wheels unavailable for D<=50
Ⓛ Stainless steel wheels unavailable for D <= 50

Directions of Stoppers



Part Number Example: **CNGJ100** - **U**

Casters

Medium Load



Casters –
Medium Load



Rubber Wheel



Urethane Wheel



Monomer Casting Nylon Wheel

RoHS10

Swivel
CMGJ

Locked
CMGK

With Swivel Brake
CMGS

CMGS-L

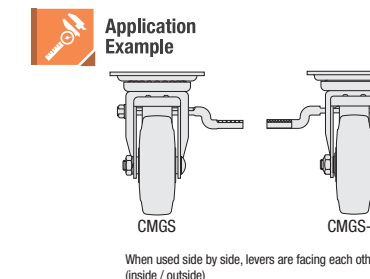
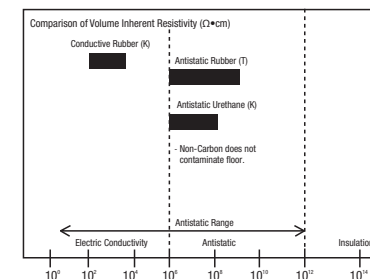
Type	Body		Wheel	Bearings	
	Material	Surface Treatment	Material (Color)	Swiveling Part	Wheel
CMGJ / CMGK CMGS / CMGS-L	Low Carbon Steel	Trivalent Chromate	Synthetic Rubber (Black) / Urethane (Blue) / Monomer Casting Nylon (Blue) / Antistatic Rubber (Black) / Non-Carbon Antistatic Urethane (Yellow)	Incorporated	Incorporated

Ⓛ Stepping on a pedal stops the movement of a wheel.

Body Type	Part Number		Wheel Material	H	A	C	F ₁	F ₂	G	d	E	(r)	B (°)	t	Allowable Load (N)					Mass (g)					
	Type	D													-R	-U	-N	-T	-K	-R	-U	-N	-T	-K	
Swivel	CMGJ	75	R Rubber	100	81	—	63	—	—	9.5	28	66	32	2.3	800	1200	1200	800	1200	560	650	560	560	520	
		100		144	95	—	73	70	—	10.5	35	85	32 (34)	3.6	1200	1700	1800	1200	1700	1060	1240	1130	1060	1010	
		130		177	105	—	82	79	—	—	—	—	—	—	4	1800	2600	2700	1800	2600	2000	2210	2040	2000	2310
		150		198	120	—	93	87	—	11	45	120	42 (44)	—	—	2000	3000	3000	2000	3000	2340	2620	2400	2340	2630
		200		250	140	—	115	105	—	—	—	—	—	4.5	2500	3700	4000	—	—	4020	4180	4130	—	—	—
Fixed	CMGK	75	N Monomer Casting Nylon	100	95	71	63	—	40	9.5	—	—	32	2.3	800	1200	1200	800	1200	490	550	490	490	440	
		100		144	115	80	80	—	45	10.5	—	—	32 (34)	—	—	1200	1700	1800	1200	1700	830	1010	920	830	770
		130		177	138	90	100	—	56	—	—	—	38 (42)	2.9	—	1800	2600	2700	1800	2600	1600	1870	1640	1600	1870
		150		198	—	—	—	—	11	—	—	—	42 (44)	—	—	2000	3000	3000	2000	3000	1900	2190	1980	1900	2190
		200		250	152	100	112	—	63	—	—	—	45 (42)	4	—	2500	3700	4000	—	—	3350	3540	3460	—	—
Swivel with Stopper	CMGS-CMGS-L	75	K Non-Carbon Antistatic Urethane	100	81	—	63	—	—	9.5	28	89	32	2.3	800	1200	1200	800	1200	620	710	620	620	580	
		100		144	95	—	73	70	—	10.5	35	110	32 (34)	3.6	1200	1700	1800	1200	1700	1170	1350	1240	1170	1080	
		130		177	105	—	82	79	—	—	—	—	38 (42)	—	—	1800	2600	2700	1800	2600	2180	2390	2220	2180	2390
		150		198	120	—	93	87	—	11	40	130	45 (42)	4	—	2000	3000	3000	2000	3000	2520	2800	2580	2520	2800
		200		250	140	—	115	105	—	—	—	—	—	—	—	2500	3700	—	—	—	4250	4410	4360	—	—

No D200 is provided for CMGS-L. (*) D100, 130 and 150 represents N wheel dimensions. D200 is for U wheel dimensions. Ⓛ r indicates the swivel radius of the wheel and turning radius of the pedal.

Part Number Example: **CMGS130** - **U**



When used side by side, levers are facing each other. (inside / outside)