

# Dual Wheel Casters

Medium Load / Heavy Load Steel / Heavy Load Stainless Steel



**Dual Wheel Caster – Medium Load**

**CWM-P**

Body		Wheel		Bearing	
Material	Surface Treatment	Material (Color)	Swiveling	Wheel	
Low Carbon Steel	Trivalent Chromate	Nylon (Black)	Incorporated	None	

Body Type	Part Number		Wheel Material	H	d	r	Allowable Load (N)	Mass (g)
	Type	D						
Swivel	CWM-P	38	N Nylon	64	8.8	44	1200	450
		50		1500			470	

**Dual Wheel Casters – Heavy Load**

**CWMJ**

**Application Example**

- Dual wheel casters exhibit better load bearing and swiveling than single wheel.

Swiveling Direction

Wheel Turning Direction

Body		Wheel		Bearing	
Material	Surface Treatment	Material (Color)	Swiveling	Wheel	
Low Carbon Steel	Trivalent Chromate	Nylon (Black)	Incorporated	Incorporated	

Body Type	Part Number		Wheel Material	H	D <sub>1</sub>	B	A	F	d	t	E	r	Allowable Load (N)	Mass (g)
	Type	No.												
Swivel	CWMJ	50	N MC Nylon	75	42	38	84	64	8.5	3.2	12	49	4000	812
		65		93	57	48	100	78	10.5	4.5	14	57	5000	1530
		75		102	65	48	100	78	10.5	4.5	14	57	6000	1620

**Dual Wheel Stainless Steel Casters – Heavy Load**

**CWG**

Dustproof Seal

Body		Wheel		Seal	Bearings	
Material	Surface Treatment	Material (Color)	Material	Material	Swiveling	Wheel
304 Stainless Steel	—	Monomer Casting Nylon (Blue) Conductive MC Nylon (Black)	Polyacetal	Incorporated	Incorporated	

Body Type	Part Number		Wheel Material	H	A	F	d	E	r	Allowable Load (N)	Mass (g)
	Type	D									
Swivel	CWG	50	N Monomer Casting Nylon D Conductive MC Nylon	75	84	64	8.5	12	43	4000	760
		65		93	100	78	10.5	15	54	5000	1060
		75		102	100	78	10.5	15	58	6000	1120

**Part Number Example**

Part Number	Wheel Material
CWM-P38	N
CWMJ50	N
CWG50	D

# Castors with Leveling Mounts

Ultra Light Load / Lightweight / Antivibration



**Castors with Leveling Mounts – Ultra Light Load**

**CMAZ**

Body		Wheel		Adjuster		Bearings	
Material	Surface Treatment	Material	Material	Surface Treatment	Swiveling Part	Wheel	
Low Carbon Steel	Trivalent Chromate	Nylon (Black)	1018 Carbon Steel	Trivalent Chromate	Incorporated	None	

Body Type	Part Number		Wheel Material	H	d	Allowable Load (N)	Mass (g)
	Type	D					
Swivel	CMAZ	40	N Nylon	60	6.5	300	295
		50		400		310	

**Castors with Level Adjusters – Lightweight Type**

**CMJZ**

Body		Wheel		Top Plate		Adjuster		Bearings	
Material	Material	Material	Surface Treatment	Material	Surface Treatment	Swiveling Part	Wheel		
Reinforced Nylon	Nylon	Low Carbon Steel	Trivalent Chromate	1018 Carbon Steel	Trivalent Chromate	Incorporated	None		

Body Type	Part Number		Wheel Material	H	B	A	F	d	E	r	Leveling Mount					Allowable Load (N)	Mass (g)
	Type	D									S1	S2	K	W	B		
Swivel	CMJZ	N Nylon	N Nylon	75	28	78	64	6.5	17	50	10	10	40	29.5	17	600	420
				65	93	25	92	75	8.5	27	66	15	20	31	19	700	550
				75	98	25	92	75	8.5	27	66	15	15	15	19	700	560

**Castors with Level Adjusters – Antivibration Type**

**CLAR**

Type	Body		Wheel		Adjuster		Bearings	
	Material	Surface Treatment	Material	Material	Material	Material	Swiveling Part	Wheel
CLAR	Low Carbon Steel	Zinc Plating	Nylon 6	Oil Resistant Rubber	Oil Resistant Rubber	Oil Resistant Rubber	Incorporated	None

**CLAR50**

**CLAR75**

**How to Use**

Free: [Diagram showing free rotation]

Fixing: [Diagram showing fixed rotation]

To Mobilize: Insert a screwdriver into level adjusting hole and turn counterclockwise.

To Immobilize: Insert a screwdriver into level adjusting hole and turn clockwise.

Level Adjustment: Adjustable within ranges of: 15 mm for CLAR50, and 17 mm for CLAR75.

Kgf (Load) = Nx0.101972

Part Number		Allowable Load N
Type	D	
CLAR	50	588
	75	981

**Part Number Example**

Part Number	Wheel Material
CMAZ40	N
CMJZ65	N
CLAR50	N