

30-31 SERIES MEDIUM DUTY CASTERS



SERIES 30

Note: Please add proper suffix number for top plate size desired from chart.



SERIES 31

Note: Please add proper suffix number for top plate size desired from chart.

FEATURES:

- Finish – Bright Zinc plating
- Swivel – Double ball bearing with hardened raceways for extra strength
- Dust Cover – Helps protect swivel bearings
- Construction – Heavy gauge cold rolled steel, formed for strength
- Axle – 3/8" diameter bolt with lock nut
- King Pin – 1/2" steel rivet, hydraulically upset
- Optional Accessories

WHEEL				CAPACITY	LOAD HEIGHT	SWIVEL RADIUS	CASTER ORDERING NUMBER		APP. WEIGHT
DIAMETER	TREAD WIDTH	TYPE	BEARING	POUNDS	INCHES	INCHES	SERIES 30 SWIVEL	SERIES 31 RIGID	POUNDS
2 1/2	1 1/4	Cushion Tread Rubber	Delrin	140	3 5/8	2 3/4	2 1/2-30-105	2 1/2-31-105	1 11/16
		Hard Tread Rubber	Delrin	210			2 1/2-30-106	2 1/2-31-106	
		Polyolefin	Plain	210			2 1/2-30-513	2 1/2-31-513	
3	1 1/4	Cushion Tread Rubber	Delrin	150	4 1/8	3	3-30-105	3-31-105	1 3/4
		Hard Tread Rubber	Delrin	220			3-30-106	3-31-106	
		Cushion Tread Rubber	Ball	150			3-30-152	3-31-152	
		Hard Tread Rubber	Ball	220			3-30-162	3-31-162	
		Semi-Steel	Plain	300			3-30-120	3-31-120	
	1 1/2	Polyolefin	Plain	250			3-30-521	3-31-521	
		Phenolic	Plain	300			3-30-121	3-31-121	
		Phenolic	Roller	300			3-30-221	3-31-221	
3 1/2	1 1/4	Cushion Tread Rubber	Delrin	160	4 5/8	3 1/4	3 1/2-30-105	3 1/2-31-105	2
		Hard Tread Rubber	Delrin	230			3 1/2-30-106	3 1/2-31-106	
		Cushion Tread Rubber	Ball	160			3 1/2-30-452	3 1/2-31-452	
		Hard Tread Rubber	Ball	230			3 1/2-30-462	3 1/2-31-462	2 3/16
		Polyolefin	Plain	250			3 1/2-30-513	3 1/2-31-513	
		Rubber Tire	Ball	200			3 1/2-30-113	3 1/2-31-113	
		Gray Rubber Tire	Ball	225			3 1/2-30-113G	3 1/2-31-113G	
		Polyurethane Tire	Ball	250			3 1/2-30-113P	3 1/2-31-113P	
		Advantage Donut	Delrin	225			3 1/2-30-314GD	31/2-31-314GD	
		Advantage Flat	Delrin	250			3 1/2-30-314GF	3 1/2-31-314GF	
		Advantage Donut	Ball	225			3 1/2-30-213GD	3 1/2-31-213GD	
		Advantage Flat	Ball	250			3 1/2-30-213GF	3 1/2-31-213GF	
		Poly Loc Grey	Ball	250			3 1/2-30-213G	3 1/2-31-213G	
		Poly Loc Grey	Delrin	250			3 1/2-30-314G	31/2-31-314G	
		Poly Loc Poly	Ball	250			3 1/2-30-213P	3 1/2-31-213P	
		Semi-Steel	Plain	300			3 1/2-30-120	31/2-31-120	

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WHEEL				CAPACITY	LOAD HEIGHT	SWIVEL RADIUS	CASTER ORDERING NUMBER		APP. WEIGHT
DIAMETER	TREAD WIDTH	TYPE	BEARING	POUNDS	INCHES	INCHES	SERIES 30 SWIVEL	SERIES 31 RIGID	POUNDS
4	1 1/4	Cushion Tread Rubber	Delrin	170	5 1/8	3 1/2	4-30-105	4-31-105	2 3/8
		Hard Tread Rubber	Delrin	250			4-30-106	4-31-106	
		Cushion Tread Rubber	Ball	170			4-30-452	4-31-452	
		Hard Tread Rubber	Ball	250			4-30-462	4-31-462	
		Rubber Tire	Ball	200			4-30-113	4-31-113	2 1/2
		Grey Rubber Tire	Ball	200			4-30-113G	4-31-113G	
		Polyurethane Tire	Ball	275			4-30-113P	4-31-113P	
		Advantage Donut	Delrin	250			4-30-314GD	4-31-314GD	
		Advantage Flat	Delrin	300			4-30-314GF	4-31-314GF	
		Advantage Donut	Ball	250			4-30-213GD	4-31-213GD	
		Advantage Flat	Ball	300			4-30-213GF	4-31-213GF	
		Poly Loc Grey	Ball	275			4-30-213G	4-31-213G	
		Poly Loc Grey	Delrin	275			4-30-314G	4-31-314G	
		Poly Loc Poly	Ball	275			4-30-213P	4-31-213P	
	Polyolefin	Plain	275	4-30-513			4-31-513		
	Semi-Steel	Plain	300	4-30-120			4-31-120		
	1 1/2	Phenolic	Plain	300			4-30-121	4-31-121	
	1 1/2	Phenolic	Roller	300			4-30-221	4-31-221	
5	1 1/4	Cushion Tread Rubber	Delrin	200	6 1/4	4	5-30-105	5-31-105	2 3/4
		Hard Tread Rubber	Delrin	280			5-30-106	5-31-106	
		Conductive Rubber	Self-lube	200			5-30-105C	5-31-105C	
		Neoprene	Delrin	200			5-30-105N	5-31-105N	
		Grey Rubber	Delrin	200			5-30-105G	5-31-105G	
		Cushion Tread Rubber	Ball	200			5-30-152	5-31-152	
		Hard Tread Rubber	Ball	280			5-30-162	5-31-162	
		Cushion Tread Rubber	Ball	200			5-30-452	5-31-452	
		Hard Tread Rubber	Ball	280			5-30-462	5-31-462	
		Rubber Tire	Ball	200			5-30-113	5-31-113	3
		Grey Rubber Tire	Ball	200			5-30-113G	5-31-113G	
		Polyurethane Tire	Ball	300			5-30-113P	5-31-113P	
		Advantage Donut	Delrin	250			5-30-314GD	5-31-314GD	
		Advantage Flat	Delrin	325			5-30-314GF	5-31-314GF	
		Advantage Donut	Ball	250			5-30-213GD	5-31-213GD	
		Advantage Flat	Ball	325			5-30-213GF	5-31-213GF	
		Poly Loc Grey	Ball	300			5-30-213G	5-31-213G	
		Poly Loc Grey	Delrin	300			5-30-314G	5-31-314G	
	Poly Loc Poly	Ball	300	5-30-213P			5-31-213P		
	Polyolefin	Plain	300	5-30-513			5-31-513		
	Polyolefin	Ball	300	5-30-514			5-31-514		
	Semi-Steel	Plain	300	5-30-120			5-31-120		
	1 1/2	Phenolic	Plain	300			5-30-121	5-31-121	
	1 1/2	Phenolic	Roller	300			5-30-221	5-31-221	

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DIAMETER	TREAD WIDTH	TYPE	BEARING	POUNDS	INCHES	INCHES	SERIES 30 SWIVEL	SERIES 31 RIGID	POUNDS
6	1 1/4	Cushion Tread Rubber	Delrin	220	7 1/4	4 1/2	6-30-105	6-31-105	3 1/8
		Hard Tread Rubber	Delrin	300			6-30-106	6-31-106	
		Conductive Rubber	Self-lube	220			6-30-105C	6-31-105C	
		Neoprene	Delrin	220			6-30-105N	6-31-105N	
		Cushion Tread Rubber	Ball	220			6-30-152	6-31-152	
		Hard Tread Rubber	Ball	300			6-30-162	6-31-162	
		Rubber Tire	Ball	250			6-30-113	6-31-113	3 3/4
		Grey Rubber Tire	Ball	250			6-30-113G	6-31-113G	
		Polyurethane Tire	Ball	300			6-30-113P	6-31-113P	
		Advantage Donut	Delrin	300			6-30-314GD	6-31-314GD	
		Advantage Donut	Ball	300			6-30-213GD	6-31-213GD	
		Poly Loc Grey	Ball	300			6-30-213G	6-31-213G	
	1 1/2	Poly Loc Grey	Delrin	300			6-30-314G	6-31-314G	
		Poly Loc Poly	Ball	300			6-30-213P	6-31-213P	
		Phenolic	Plain	300			6-30-121	6-31-121	
		Phenolic	Roller	300			6-30-221	6-31-221	
		Polyolefin	Plain	300			6-30-521	6-31-521	

TOP PLATE SIZES AND BOLT HOLE SPECIFICATIONS

SUFFIX NO.	OVERALL SIZE	BOLT HOLE SPACING	BOLT HOLE SIZE
1	2 3/8 x 3 5/8	1 3/4 x 3	1/4
2	2 3/8 x 3 5/8	1 3/4 x 3	5/16
3	3 1/8 x 4 1/8	2 3/8 x 3 7/16	5/16
4	4x 4	3 x 3	3/8
5	3 3/4 x 4 1/2	2 5/8 x 3 5/8 to 3 x 3	3/8