

20

SERIES

Heavy Duty
Industrial

Load Capacity: 350 to 1,000 lbs.

Quality Features

• MACHINED CRAFTED SWIVEL RACEWAY.

Upper main load bearing consisting of top plate and base plate are precisely machined by CNC lathe to close tolerances and dimensions. The upper set of 3/8" hardened steel ball bearings carries load weight, while lower set handles lateral thrust loads.

• EXTRA-STRONG CONTINUOUSLY WELDED SIDE LEGS.

Yoke legs are formed from 1/4" thick steel and made wider to handle constant abuse from side thrust. Fork legs are continuously welded to yoke base for added strength and endurance.

• HEAT-TREATED MOVING PARTS.

All moving parts are heat treated to a precise molecular depth and Rockwell hardness using a gas carburizing process that extends caster life under rugged conditions and shock loads.

• SEALED RACEWAYS WITH LUBE FITTING.

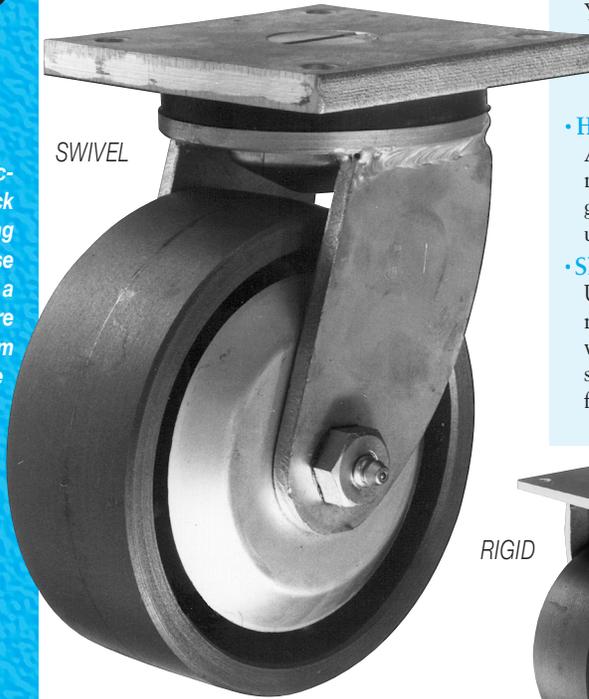
Upper raceway is permanently assembled with a neoprene grease seal. Bottom raceway is covered with a metal grease seal cap that is press fit then secured with Epoxy. Pressure fitting is provided for lubrication using convention grease guns.

Designed for heavy-duty service, construction features include 3/8" top plate, thick welded yoke, and a double ball bearing swivel raceway that is machined to close tolerances and exact dimensions. Both a neoprene seal and metal dust cap are used to prevent foreign matter from obstructing the swivel raceway. Pressure lubrication fittings are provided in both the swivel fork and the wheel axle bolt.

Used in heavy-duty applications such as:

- Heavy Machinery
- Die Setting Tables
- Computer Mainframes
- Air Cargo Dollies
- Cranes and Gantries
- Electric Pallet Lifts

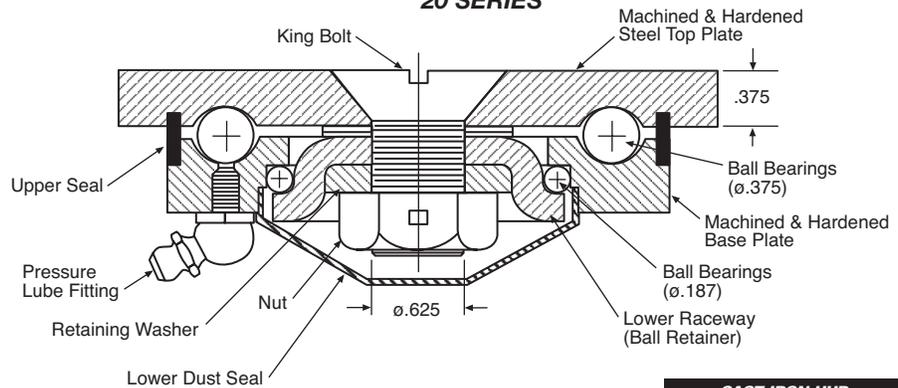
The 20 series is specifically designed to be the most heavily constructed caster of its kind. Standard finish is bright zinc.



Options

- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-marking Wheels

DOUBLE BALL BEARING SWIVEL RACEWAY 20 SERIES



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Wheel Selection

ADVANCED ELASTOMER

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NEOPRENE RUBBER

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HI-CAP NEOPRENE

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THERMO PLASTIC RUBBER

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CAST IRON HUB

MOLD-ON POLYURETHANE

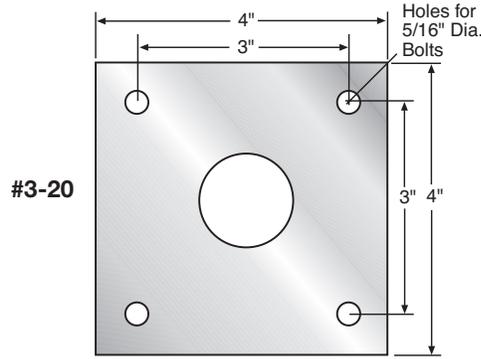
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All single wheel loads are based on 3 mph for less than 10 minutes continuous running.

TOP PLATE

STANDARD



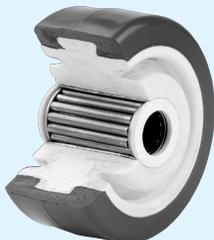
Heavy Duty Industrial

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius			
3	1 7/8	350	NEOPRENE RUBBER	ROLLER	23-3-TDN	23-3-TRDN	5-1/2	4-1/2	2-1/2			
		440	HI-CAP NEOPRENE	ROLLER	23-3-TKN	23-3-TRKN						
		800	HARD RUBBER	ROLLER	23-3-TH	23-3-TRH						
			POLYURETHANE / CAST IRON HUB	ROLLER	23-3-TADI-M-CI	23-3-TRADI-M-CI						
	1000	CAST IRON	ROLLER	23-3-TCI	23-3-TRCI	7						
	2	1000	PHENOLIC	ROLLER	23-3-TPR	23-3-TRPR	5-1/2					
	4	1 7/8	350	NEOPRENE RUBBER	ROLLER	24-3-TDN	24-3-TRDN			6	5-1/2	3
			440	HI-CAP NEOPRENE	ROLLER	24-3-TKN	24-3-TRKN					
			800	HARD RUBBER	ROLLER	24-3-TH	24-3-TRH					
				POLYURETHANE / CAST IRON HUB	ROLLER	24-3-TADI-M-CI	24-3-TRADI-M-CI					
1000		CAST IRON	ROLLER	24-3-TCI	24-3-TRCI	8-1/4						
2		200	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	24-3-DPD-M-PO-55	24-3-DRPD-M-PO-55	4-1/2					
		300	THERMO-PLASTIC RUBBER	ROLLER	24-3-TPD-M-PO-55	24-3-TRPD-M-PO-55						
		600	POLYURETHANE / POLYOLEFIN HUB	DELRIN	24-3-DADI-M-PO	24-3-DRADI-M-PO						
		700	POLYOLEFIN	ROLLER	24-3-TPO	24-3-TRPO						
		750	POLYURETHANE / POLYOLEFIN HUB	ROLLER	24-3-TADI-M-PO	24-3-TRADI-M-PO						
		1000	PHENOLIC	ROLLER	24-3-TPR	24-3-TRPR	6					
	5	1 7/8	350	NEOPRENE RUBBER	ROLLER	25-3-TDN	25-3-TRDN	7-1/2	6-1/2	3-1/2		
440			HI-CAP NEOPRENE	ROLLER	25-3-TKN	25-3-TRKN						
800			HARD RUBBER	ROLLER	25-3-TH	25-3-TRH						
			POLYURETHANE / CAST IRON HUB	ROLLER	25-3-TADI-M-CI	25-3-TRADI-M-CI						
1000			CAST IRON	TAPERED ROLLER	25-3-TCI	25-3-TRCI	10					
2		225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	25-3-DPD-M-PO-55	25-3-DRPD-M-PO-55	5					
		350	THERMO-PLASTIC RUBBER	ROLLER	25-3-TPD-M-PO-55	25-3-TRPD-M-PO-55						
		800	POLYOLEFIN	ROLLER	25-3-TPO	25-3-TRPO						
			POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	25-3-YADI-M-CI	25-3-YRADI-M-CI						
		850	POLYURETHANE / POLYOLEFIN HUB	DELRIN	25-3-DADI-M-PO	25-3-DRADI-M-PO						
		1000	PHENOLIC	ROLLER	25-3-TPR	25-3-TRPR	7-1/2					
			POLYURETHANE / POLYOLEFIN HUB	ROLLER	25-3-TADI-M-PO	25-3-TRADI-M-PO						

POLYOLEFIN HUB

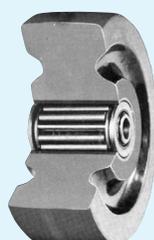
POLYURETHANE

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PHENOLIC

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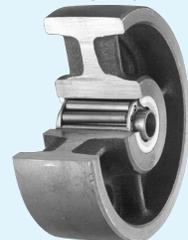
POLYOLEFIN

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CAST IRON

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