

Advanced Duty Casters

Series A — Cap. to 2,600 lbs.

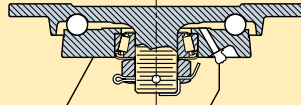


#S-A-63RH Swivel showing Moldon Rubber wheel

Advanced Duty Casters are distinguished by the "ears" of the horn base that provide a generous welding area for the husky legs and allow for lower overall heights. They feature a precision tapered thrust bearing and guaranteed-for-life integrally forged kingpin.

QUALITY FEATURES:

Swivel Construction – 3/8" thick drop forged steel mounting plate; 3/8" x 3" plate steel legs welded inside and outside to forged steel horn base.



Kingpin – 1" dia. integrally forged with mounting plate and threaded for adjustable slotted nut and cotter pin.

Main Load Bearing – CNC-machined 3 3/4" dia. raceway; 1/2" dia. hardened and polished steel balls.

Secondary Load Bearing – 1" precision tapered thrust bearing counteracts radial thrust.

Axle – 3/4" dia. hex head with lock nut.

Lubrication Fittings – Ball-check type in swivel assembly and wheel hub.

OPTIONAL ACCESSORIES

– see pages 18 & 19.

- Precision unit load bearing and reduced offset to increase capacity to 3,750 lbs.
- Swivel Locks - 2 or 4 position.
- Wheel Brakes (-FCB [except 6" swivels], ★-IB, ★-ZB [not ★ with tapered bearings], -IRB, -B).
- Wheel Bearing Seals.
- Heat Treated Raceways.

Wheel Bearings –

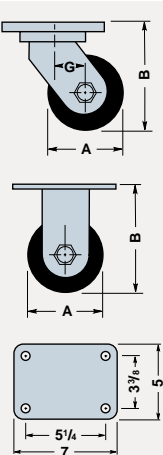
- **Precision Ball Bearings:** (superior rollability & no greasing required) rotate on (2) 25 mm O.D. x 3/4" I.D. x 1 1/4" long top hat spanners standard in *Duralast*® and *Poly-Soft*® wheels.
- **Tapered Roller Bearings:** (best for towing and side thrust applications) 3/4" mounted directly on axle, available in *Duralast*®, *Poly-Soft*®, Forged Steel, Metal, Plastex, & M.O. Rubber wheels.
- **Straight Roller Bearings:** 1" hardened and ground rollers rotate on 1" O.D. x 3/4" I.D. hardened and ground steel spanner bushing standard in Metal, Plastex, Forged Steel, & M.O. Rubber wheels.

Wheel Types



Dimensions in Inches

★ = available for 1-2 day **PRONTO**® shipment.



MOUNTING PLATE

5" x 7"; swivel hole centers 3 3/8" x 5 1/4", rigid holes slotted 2 7/16" x 4 15/16" to 3 3/8" x 5 1/4". Bolt size 1/2".

Dia. A	Face	Wheel			Swivel Caster			Rigid Caster			Load Cap. Lbs.	Overall Height B	Swivel Offset G
		Type	Replacement Number [Ⓐ]	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.				
6	2 1/2	Duralast®	W-625-D-1	★ S-A-6DH	S-A-6DT	23	★ R-A-6DH	R-A-6DT	20	1600	8	2 1/4	
		Forged Steel	W-625-FSH-1	★ S-A-6FSH	S-A-6FST	23	★ R-A-6FSH	R-A-6FST	20	2600			
		Plastex†	W-625-P-1	★ S-A-6PH	S-A-6PT	17	★ R-A-6PH	R-A-6PT	14	1800			
	3	Duralast®	W-630-DB-3/4	★ S-A-63DB	★ S-A-63DT	24	★ R-A-63DB	★ R-A-63DT	21	2200			
		Forged Steel	W-630-FSH-1	★ S-A-63FSH	★ S-A-63FST	35	★ R-A-63FSH	★ R-A-63FST	32	2600			
		Metal	W-630-M-1	★ S-A-63MH	S-A-63MT	25	★ R-A-63MH	R-A-63MT	22	2500			
		Plastex	W-630-P-3/4	★ S-A-63PH	S-A-63PT	21	★ R-A-63PH	R-A-63PT	17	2000			
		Poly-Soft®	W-630-SPB-3/4	★ S-A-63SPB	★ S-A-63SPT	26	★ R-A-63SPB	★ R-A-63SPT	21	1800			
		M.O. Rubber*	W-630-R-1	★ S-A-63RH	X	25	★ R-A-63RH	X	22	680			
8	2 1/2	Duralast®	W-825-D-1	★ S-A-85DH	S-A-85DT	29 1/2	★ R-A-85DH	R-A-85DT	26	2000	10	2 1/2	
		Plastex	W-825-P-1	★ S-A-85PH	S-A-85PT	20	★ R-A-85PH	R-A-85PT	16 1/2	2000			
	3	Duralast®	W-830-DB-3/4	★ S-A-83DB	★ S-A-83DT	30 1/2	★ R-A-83DB	★ R-A-83DT	27	2500			
		Forged Steel	W-830-FSH-1	★ S-A-83FSH	★ S-A-83FST	35 1/2	★ R-A-83FSH	★ R-A-83FST	32	2600			
		Metal	W-830-M-1	★ S-A-83MH	S-A-83MT	31	★ R-A-83MH	R-A-83MT	27 1/2	2600			
		Plastex†	W-830-P-1	★ S-A-83PH	S-A-83PT	22	★ R-A-83PH	R-A-83PT	18 1/2	2600			
		Poly-Soft®	W-830-SPB-3/4	★ S-A-83SPB	★ S-A-83SPT	30 1/2	★ R-A-83SPB	★ R-A-83SPT	27	2000			
M.O. Rubber	W-830-R-1	★ S-A-83RH	S-A-83RT	29	★ R-A-83RH	R-A-83RT	25 1/2	840					
10	3	Duralast®	W-1030-DB-3/4	★ S-A-13DB	★ S-A-13DT	34 1/2	★ R-A-13DB	★ R-A-13DT	31	2600	12	2 3/4	
		Forged Steel	W-1030-FSH-1	★ S-A-13FSH	★ S-A-13FST	43 1/2	★ R-A-13FSH	★ R-A-13FST	40	2600			
		Metal	W-1030-M-1	★ S-A-13MH	S-A-13MT	31 1/2	★ R-A-13MH	R-A-13MT	28	2600			
		Plastex	W-1030-P-1	★ S-A-13PH	S-A-13PT	24	★ R-A-13PH	R-A-13PT	20 1/2	2600			
		Poly-Soft®	W-1030-SPB-3/4	★ S-A-13SPB	★ S-A-13SPT	34 1/2	★ R-A-13SPB	★ R-A-13SPT	31	2400			
		M.O. Rubber	W-1030-R-1	★ S-A-13RH	S-A-13RT	30	★ R-A-13RH	R-A-13RT	26 1/2	1000			
12	3	Duralast®	W-1230-DB-3/4	★ S-A-12DB	★ S-A-12DT	53 1/2	★ R-A-12DB	★ R-A-12DT	50	2600	14	3	
		Metal	W-1230-M-1	★ S-A-12MH	S-A-12MT	41 1/2	★ R-A-12MH	R-A-12MT	38	2500			
		Plastex	W-1230-P-1	★ S-A-12PH	S-A-12PT	28 1/2	★ R-A-12PH	R-A-12PT	25	2600			
		Poly-Soft®	W-1230-SPB-3/4	★ S-A-12SPB	★ S-A-12SPT	53 1/2	★ R-A-12SPB	★ R-A-12SPT	50	2600			
		M.O. Rubber	W-1230-R-1	★ S-A-12RH	S-A-12RT	33 1/2	★ R-A-12RH	R-A-12RT	30	1140			

[Ⓐ] With straight roller or precision ball bearings. For catalog number of corresponding tapered bearing wheels, consult factory.

* This wheel lubricated through lube axle.

† Straight-sided wheel.