



MONSOON KINGPINFREE™ 10,000 LBS SERIES



FEATURES

**KINGPIN:
RACEWAY:**

Kingpinfree
4 1/8" diameter raceway; 5/8" diameter
steel carbon balls

BUSHING:

Roller bearings with drilled hardened steel
spanner bushing and steel side washers



AXLE&NUT:

1" axle and lock nut

FINISH:

Corrosion resistant black

HARDENED:

Raceway

LEGS:

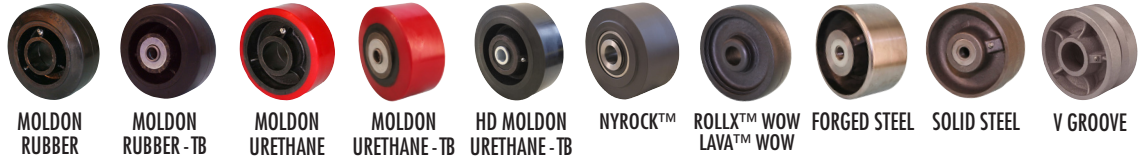
Continuously welded for added strength

LEG SPACING:

3 1/2", 4 1/2"

EXCELLENT FOR:

- Abusive conditions
- Tow lines
- Heavy service equipment
- Aircraft engine stands
- Ground support equipment
- Portable dollies
- Die & Tooling fixtures



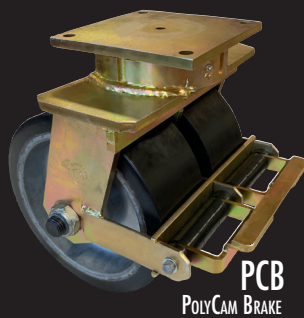
WHEEL		CASTER				PART NUMBER				
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Castor Weight (lbs)	Rigid	Castor Weight (lbs)
6"	3"	750	Roller	5 1/2"	8 1/2"	Moldon Rubber	SMO63-***-MRR-RB	33.31	RMO63-***-MRR-RB	25.77
		750	Tapered			Moldon Rubber - TB	SMO63-***-MRR-TB	32.89	RMO63-***-MRR-TB	25.35
		1,750	Roller			Lava™-WOW	SMO63-***-LVW-RB	28.65	RMO63-***-LVW-RB	20.39
		1,750	Tapered			Lava™-WOW - TB	SMO63-***-LVW-TB	27.32	RMO63-***-LVW-TB	19.06
		2,500	Roller			Solid Steel	SMO63-***-SSR-RB	35.81	RMO63-***-SSR-RB	28.27
		2,500	Tapered			Solid Steel - TB	SMO63-***-SSR-TB	35.39	RMO63-***-SSR-TB	27.85
		3,000	Tapered			HD Moldon Urethane - TB	SMO63-***-URH-TB	32.90	RMO63-***-URH-TB	25.36
		3,250	Roller			RollX™-WOW	SMO63-***-RXW-RB	28.65	RMO63-***-RXW-RB	20.39
		3,250	Tapered			RollX™-WOW - TB	SMO63-***-RXW-TB	27.32	RMO63-***-RXW-TB	19.06
		6,000	Roller			Forged Steel	SMO63-***-FSR-RB	43.81	RMO63-***-FSR-RB	36.27
		6,000	Roller			Forged V Groove	SMO63-***-VGFS-RB	43.81	RMO63-***-VGFS-RB	36.27
		7,200	Precision			NyRock™	SMO63-***-NYX-PB	29.09	RMO63-***-NYX-PB	20.83
		10,000	Tapered			Forged Steel - TB	SMO63-***-FSR-TB	43.40	RMO63-***-FSR-TB	35.86
		10,000	Tapered			Forged V Groove - TB	SMO63-***-VGFS-TB	43.39	RMO63-***-VGFS-TB	35.85
	4"	3,000	Roller	5 1/2"	8 1/2"	Moldon Urethane	SMO64-***-URR-RB	41.20	RMO64-***-URR-RB	33.66
		3,000	Tapered			Moldon Urethane - TB	SMO64-***-URR-TB	40.64	RMO64-***-URR-TB	33.10
		3,600	Roller			HD Moldon Urethane	SMO64-***-URH-RB	41.20	RMO64-***-URH-RB	33.66
		3,600	Tapered			HD Moldon Urethane - TB	SMO64-***-URH-TB	40.64	RMO64-***-URH-TB	33.10
		7,200	Precision			NyRock™	SMO64-***-NYX-PB	31.24	RMO64-***-NYX-PB	23.70
		8"	3"			900	Roller	6 1/2"	10 1/2"	Moldon Rubber
900	Tapered			Moldon Rubber - TB	SMO83-***-MRR-TB	36.75	RMO83-***-MRR-TB			29.35
2,100	Roller			Lava™-WOW	SMO83-***-LVW-RB	30.35	RMO83-***-LVW-RB			23.00
2,100	Tapered			Lava™-WOW - TB	SMO83-***-LVW-TB	29.02	RMO83-***-LVW-TB			21.67
3,500	Roller			Solid Steel	SMO83-***-SSR-RB	39.67	RMO83-***-SSR-RB			32.27
3,700	Tapered			HD Moldon Urethane - TB	SMO83-***-URH-TB	41.25	RMO83-***-URH-TB			33.85
4,000	Roller			RollX™-WOW	SMO83-***-RXW-RB	30.35	RMO83-***-RXW-RB			23.00
4,000	Tapered			RollX™-WOW - TB	SMO83-***-RXW-TB	29.02	RMO83-***-RXW-TB			21.67
4,500	Roller			Forged Steel	SMO83-***-FSR-RB	43.17	RMO83-***-FSR-RB			35.77
4,500	Tapered			Solid Steel - TB	SMO83-***-SSR-TB	49.25	RMO83-***-SSR-TB			41.85
4,500	Roller			V Groove	SMO83-***-VGR-RB	48.67	RMO83-***-VGR-RB			41.27
4,500	Tapered			V Groove - TB	SMO83-***-VGR-TB	48.25	RMO83-***-VGR-TB			40.85
5,000	Roller			Forged V Groove	SMO83-***-VGFS-RB	48.67	RMO83-***-VGFS-RB			41.27
5,000	Tapered			Forged V Groove - TB	SMO83-***-VGFS-TB	48.25	RMO83-***-VGFS-TB			40.85
5,500	Tapered		Forged Steel - TB	SMO83-***-FSR-TB	42.75	RMO83-***-FSR-TB	35.35			
7,200	Precision		NyRock™	SMO83-***-NYX-PB	32.01	RMO83-***-NYX-PB	24.66			
4"	3,800		Roller	6 1/2"	10 1/2"	Moldon Urethane	SMO84-***-URR-RB	45.06	RMO84-***-URR-RB	37.66
	3,800		Tapered			Moldon Urethane - TB	SMO84-***-URR-TB	44.50	RMO84-***-URR-TB	37.10
	4,500		Roller			HD Moldon Urethane	SMO84-***-URH-RB	45.06	RMO84-***-URH-RB	37.66
	4,500		Tapered			HD Moldon Urethane - TB	SMO84-***-URH-TB	44.50	RMO84-***-URH-TB	37.10
	5,000		Roller			Solid Steel	SMO84-***-SSR-RB	53.06	RMO84-***-SSR-RB	45.66
	5,000		Tapered			Solid Steel - TB	SMO84-***-SSR-TB	52.50	RMO84-***-SSR-TB	45.10
	8,000		Precision			NyRock™	SMO84-***-NYX-PB	35.80	RMO84-***-NYX-PB	28.40
	8,400		Roller			Forged Steel	SMO84-***-FSR-RB	62.06	RMO84-***-FSR-RB	54.66
	8,400		Roller			Forged V Groove	SMO84-***-VGFS-RB	49.06	RMO84-***-VGFS-RB	41.66
	8,400		Tapered			Forged V Groove - TB	SMO84-***-VGFS-TB	48.50	RMO84-***-VGFS-TB	41.10
	10,000	Tapered	HD Moldon Urethane - TB			SMO84-***-URHD-TB	44.50	RMO84-***-URHD-TB	37.10	
	10,000	Tapered	Forged Steel - TB			SMO84-***-FSR-TB	61.50	RMO84-***-FSR-TB	54.10	

OPTIONS:

- PCB PolyCam Brake
TSB Thumb Screw Brake
UWB Universal Wheel Brake
4PSL 4 Position Swivel Lock
RB Roller Bearing
TB Tapered Bearing

FINISHES:

- Black
Blue



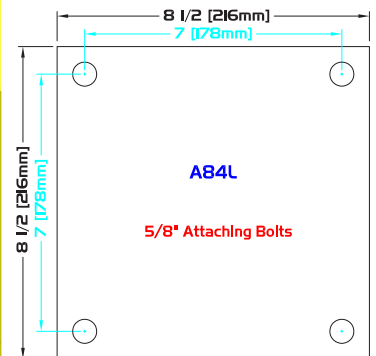
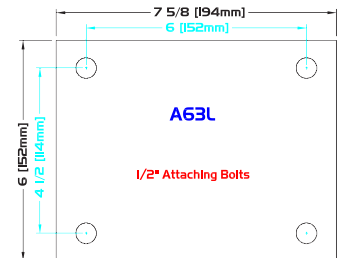
PCB
POLYCAM BRAKE



STANDARD PLATE: A63L

L - Plate Thickness: 1/2"

PLATE DIAGRAMS



WHEEL		CASTER		PART NUMBER							
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)	
											
10"	3"	1,000	Roller	7 1/2"	12 1/2"	Moldon Rubber	SMO103-***-MRR-RB	41.45	RM0103-***-MRR-RB	34.27	
		1,000	Tapered			Moldon Rubber - TB	SMO103-***-MRR-TB	41.03	RM0103-***-MRR-TB	33.85	
		2,800	Roller			Lava™-WOW	SMO103-***-LVW-RB	34.05	RM0103-***-LVW-RB	26.15	
		2,800	Tapered			Lava™-WOW - TB	SMO103-***-LVW-TB	32.72	RM0103-***-LVW-TB	24.82	
		3,500	Roller			Solid Steel	SMO103-***-SSR-RB	55.45	RM0103-***-SSR-RB	48.27	
		3,500	Tapered			Solid Steel - TB	SMO103-***-SSR-TB	55.03	RM0103-***-SSR-TB	47.85	
		4,400	Tapered			HD Moldon Urethane - TB	SMO103-***-URH-TB	49.03	RM0103-***-URH-TB	41.85	
		5,000	Roller			Forged Steel	SMO103-***-FSR-RB	53.45	RM0103-***-FSR-RB	46.27	
		5,000	Roller			Forged V Groove	SMO103-***-VGFS-RB	52.45	RM0103-***-VGFS-RB	45.27	
		5,000	Tapered			Forged V Groove - TB	SMO103-***-VGFS-TB	52.03	RM0103-***-VGFS-TB	44.85	
		5,250	Roller			RollX™-WOW	SMO103-***-RXW-RB	34.05	RM0103-***-RXW-RB	26.15	
		5,250	Tapered			RollX™-WOW - TB	SMO103-***-RXW-TB	32.72	RM0103-***-RXW-TB	24.82	
		6,000	Roller			HD Forged Steel	SMO103-***-FSH-RB	53.45	RM0103-***-FSH-RB	46.27	
		6,000	Tapered			Forged Steel - TB	SMO103-***-FSR-TB	53.03	RM0103-***-FSR-TB	45.85	
		6,000	Roller			HD Forged V Groove	SMO103-***-VGFSH-RB	52.45	RM0103-***-VGFSH-RB	45.27	
		6,000	Tapered			HD Forged V Groove - TB	SMO103-***-VGFSH-TB	52.03	RM0103-***-VGFSH-TB	44.85	
		6,500	Tapered			HD Forged Steel - TB	SMO103-***-FSH-TB	53.03	RM0103-***-FSH-TB	45.85	
		7,200	Precision			NyRock™	SMO103-***-NYX-PB	37.07	RM0103-***-NYX-PB	29.17	
	4"	1,500	Roller	7 1/2"	12 1/2"	Moldon Rubber	SMO104-***-MRR-RB	58.84	RM0104-***-MRR-RB	51.66	
		1,500	Tapered			Moldon Rubber - TB	SMO104-***-MRR-TB	58.28	RM0104-***-MRR-TB	51.10	
		5,000	Roller			Moldon Urethane	SMO104-***-URR-RB	58.84	RM0104-***-URR-RB	51.66	
		5,000	Tapered			Moldon Urethane - TB	SMO104-***-URR-TB	58.28	RM0104-***-URR-TB	51.10	
		6,000	Roller			Solid Steel	SMO104-***-SSR-RB	57.84	RM0104-***-SSR-RB	50.66	
		6,000	Tapered			Solid Steel - TB	SMO104-***-SSR-TB	57.28	RM0104-***-SSR-TB	50.10	
		6,000	Roller			HD Moldon Urethane	SMO104-***-URH-RB	58.84	RM0104-***-URH-RB	51.66	
		6,000	Tapered			HD Moldon Urethane - TB	SMO104-***-URH-TB	58.28	RM0104-***-URH-TB	51.10	
		8,000	Precision			NyRock™	SMO104-***-NYX-PB	41.34	RM0104-***-NYX-PB	34.16	
		8,400	Roller			Forged Steel	SMO104-***-FSR-RB	73.84	RM0104-***-FSR-RB	66.66	
		8,400	Roller			Forged V Groove	SMO104-***-VGFS-RB	73.84	RM0104-***-VGFS-RB	66.66	
		10,000	Tapered			HD Moldon Urethane - TB	SMO104-***-URHD-TB	58.28	RM0104-***-URHD-TB	51.10	
		10,000	Tapered			Forged Steel - TB	SMO104-***-FSR-TB	73.28	RM0104-***-FSR-TB	66.10	
		10,000	Tapered			Forged V Groove - TB	SMO104-***-VGFS-TB	73.28	RM0104-***-VGFS-TB	66.10	
12"	3"	1,200	Roller	8 1/2"	15 1/2"	Moldon Rubber	SMO123-***-MRR-RB	47.97	RM0123-***-MRR-RB	41.27	
		1,200	Tapered			Moldon Rubber - TB	SMO123-***-MRR-TB	47.55	RM0123-***-MRR-TB	40.85	
		2,500	Roller			Solid Steel	SMO123-***-SSR-RB	52.97	RM0123-***-SSR-RB	46.27	
		2,500	Tapered			Solid Steel - TB	SMO123-***-SSR-TB	52.55	RM0123-***-SSR-TB	45.85	
		3,500	Roller			Lava™-WOW	SMO123-***-LVW-RB	39.00	RM0123-***-LVW-RB	31.57	
		3,500	Tapered			Lava™-WOW - TB	SMO123-***-LVW-TB	37.67	RM0123-***-LVW-TB	30.24	
		4,600	Tapered			HD Moldon Urethane - TB	SMO123-***-URH-TB	50.55	RM0123-***-URH-TB	43.85	
		6,500	Roller			RollX™-WOW	SMO123-***-RXW-RB	39.00	RM0123-***-RXW-RB	31.57	
		6,500	Tapered			RollX™-WOW - TB	SMO123-***-RXW-TB	37.67	RM0123-***-RXW-TB	30.24	
		7,200	Precision			NyRock™	SMO123-***-NYX-PB	42.97	RM0123-***-NYX-PB	35.54	
	4"	1,600	Roller	8 1/2"	15 1/2"	Moldon Rubber	SMO124-***-MRR-RB	57.36	RM0124-***-MRR-RB	50.66	
		1,600	Tapered			Moldon Rubber - TB	SMO124-***-MRR-TB	56.80	RM0124-***-MRR-TB	50.10	
		5,500	Roller			Moldon Urethane	SMO124-***-URR-RB	57.36	RM0124-***-URR-RB	50.66	
		5,500	Tapered			Moldon Urethane - TB	SMO124-***-URR-TB	56.80	RM0124-***-URR-TB	50.10	
		6,600	Roller			HD Moldon Urethane	SMO124-***-URH-RB	57.36	RM0124-***-URH-RB	50.66	
		6,600	Tapered			HD Moldon Urethane - TB	SMO124-***-URH-TB	56.80	RM0124-***-URH-TB	50.10	
		7,500	Roller			Ductile Iron	SMO124-***-DIR-RB	80.36	RM0124-***-DIR-RB	73.66	
		7,500	Tapered			Ductile Iron - TB	SMO124-***-DIR-TB	79.80	RM0124-***-DIR-TB	73.10	
		7,500	Roller			Forged Steel	SMO124-***-FSR-RB	157.36	RM0124-***-FSR-RB	150.66	
		8,000	Precision			NyRock™	SMO124-***-NYX-PB	48.67	RM0124-***-NYX-PB	41.97	
		10,000	Tapered			HD Moldon Urethane - TB	SMO124-***-URHD-TB	56.80	RM0124-***-URHD-TB	50.10	

* Caster weight based on Standard Plate

