

Use

- ▶ High frequency / constant use
- ▶ Permanently loaded
- ▶ Long distance
- ▶ High safety capacity against point loading and side forces (wind)
- ▶ Easy rolling after long standstill under load
- ▶ Sideways & radial use (for rotating loads)

Applications:

Used for hangar doors, constantly moving cranes, train systems, to rotate telescopes, to enable tubular rotation, for ship building, and machine engineering. Use also upside-down as conveyor.

Max speed: 16 ft/min

Rolling resistance: Model # 1-3v: 5-7% of load weight

Model # 4-6: 3-5% (maximum on steel surface)

BÖRKEY ROLLERS

Ultra-Duty



Model series KM

MPN: AM-H-50CrV4 series

Model	Capacity (tons)	Capacity (kN)	L x W x H (inches)	Wheel diameter (inches)	Total number of wheels	Wheels under stress	Weight (lbs)
KM #1	12.5	125	8.3 x 6.9 x 3.0	0.7	15	5	19
KM #2	17	170	8.7 x 7.5 x 3.4	0.9	13	4	25
KM #3	33	330	10.6 x 8.3 x 4.1	1.2	13	4	42
KM #3v	42	420	12.6 x 8.7 x 4.5	1.2	17	6	63
KM #4	53	530	15.0 x 10.6 x 5.7	1.7	13	4	110
KM #5	69	690	20.8 x 11.8 x 6.5	2.0	17	6	197
KM #5L	88	880	22.8 x 11.8 x 6.7	2.0	21	8	229
KM #5v	125	1250	25.6 x 13.8 x 7.5	2.0	23	9	343
KM #6	165	1650	35.4 x 15.0 x 7.9	2.0	31	13	523

Features:

- ▶ Roller wheels with center routing groove
- ▶ Models #1-3v have 4 bolt holes models #4-6 have 6 holes.

Roller Construction:

- ▶ Super robust interlocking carbon steel frame construction
- ▶ Hardened steel center plate
- ▶ Hardened 50CrV4 steel roller wheels
- ▶ Center chain guide

Ⓛ Certs: LRS, ABS and DnV off-shore approved versions available on request.

Corrosion Resistance:

Outfitted with blackened wheels and zinc-phosphate coated frame plus galvanized wheels, axles and links for upgraded weather resistance.

Add-on option packages for further upgraded corrosion resistance

Option S - Frame galvanized, Load wheels galvanized, Axles and links in stainless steel for longer-term outdoor use.

Option M - Frame coated with 4-layer marine & offshore coating, Load wheels galvanized, Axles and links in stainless steel for offshore and maritime use.

ALERT! Börkey Rollers are made to run on a solid strong surface such as steel. Problems such as high rolling resistance on certain surface types such as concrete, or resulting floor scratching, can be avoided by choosing roller models with a larger load wheel diameter. Listed capacities and rolling resistance is provided for steel surfaces.

Take precautionary measures on inclines to avoid run-away loads!



Börkey
MADE IN GERMANY



1 Year Manufacturer's Warranty
(damage due to overloading not covered)