

Use

- ▶ Permanently loaded
- ▶ Long distance travel
- ▶ High safety capacity against point loading and side forces (wind)
- ▶ Easy rolling after long standstill under load

Applications:

Used for progressive shifting of scaffolding and shuttering in bridge construction, hangar doors, nuclear energy, ship building, tunnel construction, repositioning of structures and equipment and on oil rigs. Use also upside-down as conveyor.

Max speed: 16 ft/min

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

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

BÖRKEY ROLLERS

Super-Duty



Model series **KS**

MPN: AS-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)
KS #3	40	400	10.6 x 8.3 x 4.1	1.2	13	4	43
KS #3v	50	500	12.6 x 8.7 x 4.5	1.2	17	6	65
KS #4	65	650	15.0 x 10.6 x 5.7	1.7	13	4	114
KS #5	85	850	20.8 x 11.8 x 6.5	2.0	17	6	205
KS #5L	100	1000	22.8 x 11.8 x 6.7	2.0	21	8	240
KS #5v	150	1500	25.6 x 13.8 x 7.5	2.0	23	9	357
KS #6	200	2000	35.4 x 15.0 x 7.8	2.0	31	13	586

Features:

- ▶ 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
- ▶ Channel chain guide

Included:

- ▶ Each roller sold separately

📄 **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!