PRODUCT DATA SHEET

KBR-HD

Issue 1 – November 2026

Heavy duty rollers with full-size deep groove ball bearings in steel housings, for pallets, drums, stillages and heavy loads.

Range	KBR-HD – Heavy Duty Rollers
Bearing	Deep groove ball bearing (6002 to 6205 series) in a steel housing
Typical uses	Pallet conveyors, heavy gravity conveyors, drums, stillages and heavy-duty transfer tables.
Lengths	Standard and custom lengths, made to order in our Telford works
Enquiries	01952 583 837 | sales@conveyorsections.co.uk

RANGE

Tube Ø x wall	Bearing size	Shaft options	Max load per roller
50 x 1.5 / 2.0mm	6002	8mm hex, 10, 11mm hex, 12, 14, 15mm	100kg
60 x 2.0mm	6002	8mm hex, 10, 11mm hex, 12, 14, 15mm	100kg
63.5 x 2.9 / 3.25mm	6202 / 6004	5/8", 15mm, 20mm	150kg / 200kg
80 x 2.0 / 3.0mm	6204	5/8", 3/4", 16, 17, 20mm; 14mm hex	200kg

SPECIFICATION

Housing	Zinc plated steel
Temperature	0°C to +100°C
Tube materials	Mild steel, BZP, galvanised, 304 stainless
Fitments	Female drilled and tapped, male thread, spring loaded (smaller shafts), machined flats, cross drilled

ORDERING

- Tube diameter, wall and material (or send us a sample roller)
- Roller length over bearing, or between frames – see our roller measuring guide
- Shaft size and end fitment (spring loaded, thread size, drilled and tapped, hex, flats)
- Quantity, and the load per roller if known

NOTES

- Maximum load per roller is based on the bearing rating (1 daN ≈ 1kg) for a uniformly spread load. Long rollers and thin-wall tubes carry less – ask us to check your application.
- Rollers are made to order to your size and are non-returnable. Figures are for guidance and may change without notice.

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