PRODUCT DATA SHEET

KBR-MD
Issue 1 – November 2026

Medium duty gravity rollers with steel-housed precision bearings swaged into the tube. Smooth running and robust for everyday warehouse and production conveyors.

Range	KBR-MD – Medium Duty Steel Rollers
Bearing	Precision ball bearing in a zinc plated steel housing, swaged into the tube
Typical uses	Warehouse and production gravity conveyors, pallet-free handling, roller beds and replacement spares.
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	Shaft options	Max load per roller	Temperature
30 x 1.2 / 1.5mm	6, 8, 10mm	30kg	-45°C to +100°C
40 x 1.5 / 2.0mm	8, 10, 12mm, 11mm hex	80kg	-45°C to +100°C
50 x 1.5 / 2.0mm	8, 10, 12mm, 11mm hex	80kg	-45°C to +100°C
60 x 1.5 / 2.0mm	8, 10, 12mm, 11mm hex	80kg	-45°C to +100°C
80 x 2.0mm	8, 10, 12mm, 11mm hex	80kg	-45°C to +100°C
50 / 60 / 80mm	10, 12, 14, 15mm, 11mm hex	120kg	0°C to +100°C
50mm	10, 12mm, 11mm hex, 15mm	120kg	0°C to +80°C
60 / 80mm	10, 12mm, 11mm hex, 15mm	150kg	0°C to +80°C

SPECIFICATION

Bearing	Precision ball bearing, hardened steel races, zinc plated steel housing
Seal	Optional seal cap for dusty areas
Tube materials	Mild steel, BZP, galvanised, 304 stainless
Fitments	Spring loaded, male thread, female drilled and tapped, hollow bore, 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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