PRODUCT DATA SHEET

KBR-LD

Issue 1 – November 2026

Light duty gravity rollers with push-fit plastic-housed precision bearings. Quiet, light and economical for cartons, totes and light packages.

Range	KBR-LD – Light Duty Rollers
Bearing	Precision ball bearing in a plastic housing, push-fit into the tube
Typical uses	Light gravity conveyors, packing benches, cartons and totes, roller tracks and shelving.
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	Tube materials
16 x 1.0mm	5, 6mm	3kg	Steel, stainless
20 x 1.0 / 1.5mm	6, 8mm	5kg	Steel, BZP, stainless, PVC
30 x 1.0 – 2.0mm	6, 8, 10mm	7kg	Steel, BZP, stainless, PVC
40 x 1.5 / 2.3mm	6, 8, 10mm	7kg	Steel, BZP, stainless, PVC
50 x 1.5 – 2.8mm	8, 10mm	15kg	Steel, BZP, stainless, PVC
50 x 1.5 / 2.8mm	12mm, 11mm hex	10kg	Steel, BZP, stainless, PVC

Spring axle version:

- 20 x 1.5mm – 6mm spring axle – 8kg
- 30 x 1.8mm – 8 or 10mm spring axle – 10kg
- 40 x 2.3mm – 8 or 10mm spring axle – 10kg
- 50 x 1.5 / 2.8mm – 8 or 10mm spring axle – 20kg

SPECIFICATION

Bearing	Precision ball bearing, plastic housing and inner race
Balls / springs	Steel, or stainless steel for washdown
Temperature	0°C to +80°C
Fitments	Spring loaded, male thread, female drilled and tapped, hollow bore

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.

01952 583 837 | sales@conveyorsections.co.uk | www.conveyorsections.co.uk
KBR Conveyor Sections, Units B1 & B2, Halesfield 11, Telford, Shropshire, TF7 4PH