Interroll Series 1100 Light Duty Conveyor Roller
Article Code: 11A3S40J14

40x2.3 mm dia PVC (stone grey), 10 mm dia S/L BZP shaft, Light duty Ball bearing standard



40 dia, 10 Round: RL = EL-5mm, AGL = EL + 16mm

Dimensions/Codes

RS REF	ITRL REF	Roller Length (mm)	Inside Frame (EL) Width (mm)	Overall Length (AGL) (mm)
254-8936	11A3S40J14-RL200	200	205	221
254-8942	11A3S40J14-RL250	250	255	271
254-8958	11A3S40J14-RL300	300	305	321
254-8986	11A3S40J14-RL400	400	405	421
254-8992	11A3S40J14-RL450	450	455	471
254-9002	11A3S40J14-RL500	500	505	521
301-5869	11A3S40J14-RL600	600	605	621

Load capacity

Roller Length mm	Max Load. N
200	180
250	155
300	130
400	70
450	55
500	40
600	30

Features

Customer benefits

Gentle lateral pushing of the meaterials to be conveyed - rounded tube ends
Protects the bearing from coarse dirt and liquids-internal water-repellent groove
Resistant to dirt - smooth surfaces
Form-fit join of the bearing housing with the tube to avoid slipping of the bearing seat

Applications
In-house conveyor technology
Only gravity applications
Properties
Silent, precise smooth-running roller due to special steel ball bearings and tube made of polypropylene
Associated platform
Platform 1100

Tube
PVC tube, 40x2.3 mm dia, colour grey, RA7030

Spindle
Bright zinc plated steel 10 mm dia spring loaded.
Roller can be simply removed or fitted in an existing profile at any time
Roundsteel 10 : DIN 668, MNR:1.0715, MNR: 9SMN28K DIN 10278 MNR.1.0715 MNR11SMN30
Spring - mild steel, 10X4.5 MNREN10270-1

Bearing
Steel balls running in polypropylene housing and inner ring
Maximum conveyor speed - 0.25 m/s
Temperature Range : -5 to + 40 degrees Celsius
Bearing housing - Polypropylene
Seal - Polypropylene
Ball - Carbon steel
Grease-food approved

Links
More information on the 1100 series roller can be found by visiting the Interroll web site and following the links from products, conveyor rollers, Series 1100.

Interroll website		www.interroll.com