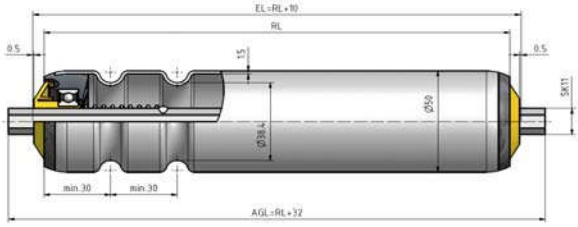
Interroll Series 1700 Universal Conveyor Roller

Article Code: 17AEJAEVAB

50mm diameter, BZP double grooved, 11 Hex Spring loaded shaft.





Features

Interroll Universal conveyor roller series 1700
- Two grooves positioned as drive rollers for drive bands
- Low running noise due to the use of polyamide bearing housings and seals
- Secured bearing seat
- Integrated seal in front of the bearing to protect against course dirt and water splash
- Rounded roller ends to allow easy lateral movement of loads
- The roller for virtually all applications
- 11 hex spring loaded shaft
- Maximium speed 2 m/s dependant on RL

Tube

Bright zinc plated steel to DIN 2394 with an outer diameter of 50mm. Double grooved for round belt drive. To prevent electro-static charges, the roller is supplied anti-static as standard. The load capacity of the roller is limited to 300N - due to the driving force of the round belt. The actual load capacity of the roller falls below this value only at lengths greater than 1400mm. Wall guage of 1.5mm.

Spindle

Bright steel 11 Hex spring loaded.
To strengthen the conveyor profile it may be necessary to use cross-ties. Rollers can be simply removed from or fitted in an existing profile at any time.

Bearing

Interroll ball bearing. This is a bearing developed by Interroll which has smoothly rolled race grooves, is of very simple design and has a comparatively high load capacity. Compared to the precision ball bearing, the Interroll bearing is much less sensitive to potential bearing distortion. Alongside the precision ball bearing this is the standard bearing for all Interroll rollers.

The bearing housing is made of Polyamide (Black) techno polymer which has excellent mechanical properties. Having high resistance to wear, low friction, scarcely any material fatigue and a good resistance to chemicals. The bearing seal is made of polypropylene (Yellow) techno polymer, which has a low specific weight, high resistance to heat, good resistance to chemicals and is non - hygroscopic.

Dimensions/Codes

Roller Length (mm)	Inside Frame (EL) Width (mm)	Overall Length (AGL) (mm)	Shaft dia.	Groove dim' from RL	Distributed Load (N)
300	310	332	11AF Hex	40 / 70mm	2000
350	360	382	11AF Hex	40 / 70mm	1725
400	410	432	11AF Hex	40 / 70mm	1507
450	460	482	11AF Hex	40 / 70mm	1341
500	510	532	11AF Hex	40 / 70mm	1210
550	560	582	11AF Hex	40 / 70mm	1103
600	610	632	11AF Hex	40 / 70mm	1015
700	710	732	11AF Hex	40 / 70mm	878
750	760	782	11AF Hex	40 / 70mm	824

Links

More information on the 1700 series roller can be found by visiting the Interroll web site and following the links from products, drives and rollers, conveyor rollers, medium applications to Universal roller.

http://www.interroll.com/ :Interroll web site

http://www.interroll.com/en/drives_and_rollers/ :Interroll Drives and Rollers