

FIXED DRIVE CONVEYOR ROLLER SERIES 3560



Conveyor Rollers
Fixed drive
Series 3560

Stable fixed drive for small roller pitches

Product Description

- Stable, fixed drive conveyor roller
 - Welded steel sprockets, steel tube 60 x 3 mm
- Conveyor reinforced by captive shaft
 - Female threaded shaft Ø 17 mm
- Small pitches possible
 - Ø 60 mm and tangential drive
- Gentle lateral pushing of the materials to be conveyed
 - Rounded tube ends

- Applications
 - In-house driven conveyance of heavy material to be conveyed for which small roller pitches are required
 - Pallets, steel containers without continuous runners

- Properties
 - Sealed precision ball bearing (6003 2RZ)
 - Steel sprockets, welded to tube
 - Zinc-plated as a component after welding

- Associated platform
 - Platform 1700

Technical Data

General technical data

Max. load capacity	3,000 N
Max. conveyor speed	1.2 m/s
Temperature range	-5 to +40 °C

Materials

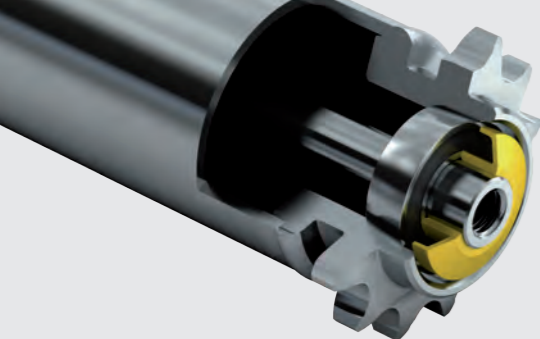
Bearing housing	Polyamide
Drive head	Steel
Seal	Polyamide
Ball bearing	Steel 6003 2RZ

The load capacity depends on the length of the roller.

Female threaded shaft version

Tube material	Ø Tube mm	Ø Shaft mm	Max. load capacity in N with an installation length of mm					
			200	900	1,000	1,100	1,300	1,500
Steel, zinc-plated	60 x 3	17	3,000	3,000	2,910	2,160	1,290	830

Load capacity



FIXED DRIVE CONVEYOR ROLLER SERIES 3560

Stable fixed drive for small roller pitches

Product Selection

Female threaded shaft version

Tube			Ball bearing	Shaft
Material	Ø mm	Torque transmission		Reference number
Steel, zinc-plated	60 x 3.0	Steel sprocket 5/8", Z = 13	6003 2RZ	Ø 17 mm (M12 x 20)
		2 steel sprockets 5/8", Z = 13		3.56W.JDB.RAL

Please state in addition to the reference number the reference length RL and optionally the dimensions for the tube sleeve.

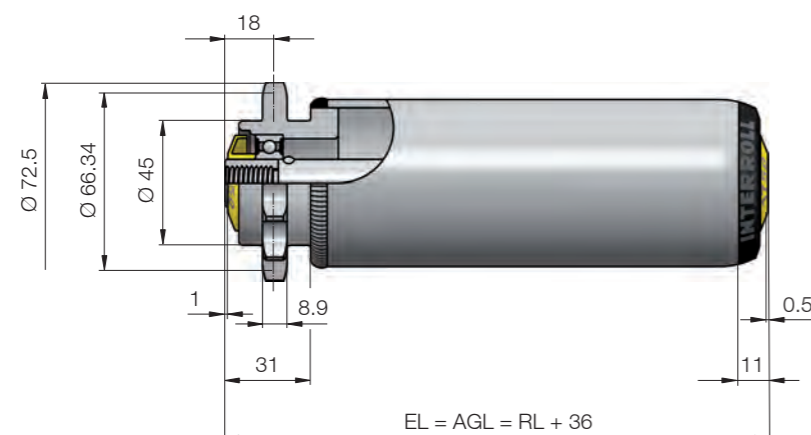
Example of a reference number: 3.56A.JDC.RAJ - 464

This reference number is for a Conveyor Roller Series 3560, Ø tube 60 mm, steel sprocket 5/8", Z = 13, Ø shaft 17 mm, female threaded shaft and reference length 464 mm. The reference length RL can be found on the dimensioned drawing: $RL = EL - 36$. The axial play of the sides of 1 mm and 0.5 mm has already been taken into account. The nominal clearance of your conveyor is 500 mm, which also corresponds to the installation length EL, i. e. the reference length is: $500 - 36 = 464$ mm.

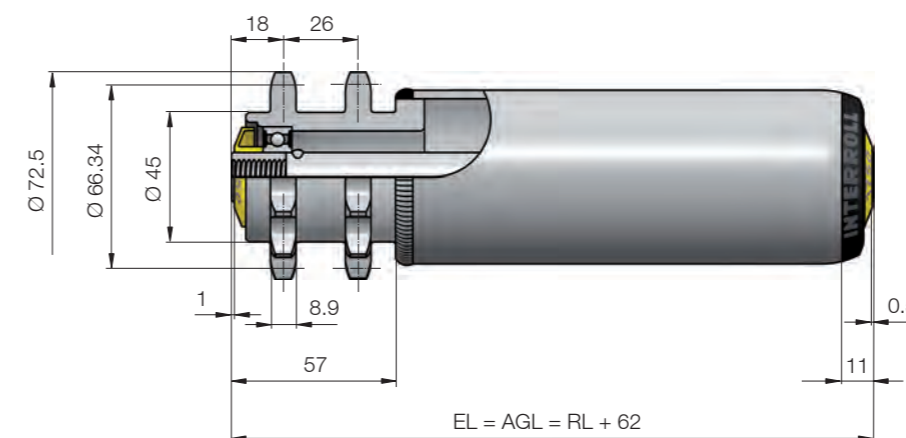
RL	Reference length/Ordering length*
EL	Installation length
AGL	Total length of shaft

*The reference length/ordering length RL does not have any reference edges on the conveyor roller and can therefore not be shown.

Dimensions for steel sprocket



Dimensions for 2 steel sprockets



Options

We can offer you the following options in addition to our standard products:

- Flanges
- Tube sleeves
 - Flexible PVC sleeve
 - Rubber coating

Standards

Ordering information

Ordering example

Dimensions