

TAPERED UNIVERSAL CONVEYOR ROLLER SERIES 1700KXO

Standard solution for gravity or driven curves



Conveyor Rollers
Curve
Series 1700KXO

Product Description

- Standard product tried and tested a million times over
 - Based on the Universal Conveyor Roller Series 1700
- Good starting properties
 - Low net weight due to tapered polypropylene elements
- Abrasion-proof, sound-reducing, impact-resistant and weather-resistant
 - Tapered technopolymer elements

- In-house conveying
- Gravity or belt drives
- Curves for crates and containers

- Sealed precision ball bearing (6002 2RZ)
- End cap for tapered elements

- Platform 1700

Technical Data

General technical data	
Max. load capacity, RL independent	500 N
Max. conveyor speed	2.0 m/s
Temperature range	-5 to +40 °C
Materials	
Bearing housing	Polyamide
Seal	Polypropylene
Ball bearing	Steel 6002 2RZ
Tapered elements	Polypropylene

Product Selection

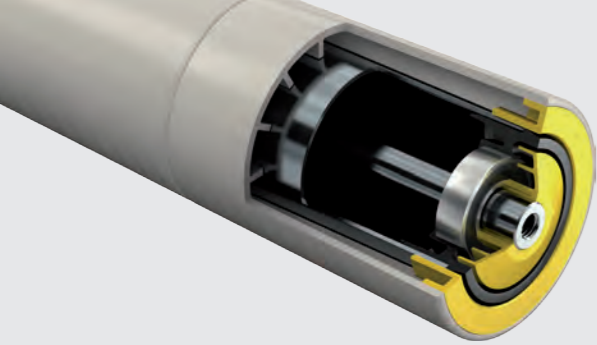
Female threaded shaft version

Tube					Ball bearing	Shaft
Material	Torque transmission	Reference length mm	Min. Ø mm	Max. Ø mm		Reference number Ø 14 mm (M8 x 15)
Steel, zinc-plated	Without grooves	250	55.6	71.2	6002 2RZ	1.7H4.HE2.NAE
		300	52.5	71.2	6002 2RZ	1.7H4.HF3.NAE
		350	55.6	77.6	6002 2RZ	1.7H4.HE3.NAE
		400	52.5	77.6	6002 2RZ	1.7H4.HF4.NAE
		450	55.6	84.0	6002 2RZ	1.7H4.HE4.NAE
		500	52.5	84.0	6002 2RZ	1.7H4.HF5.NAE
		550	55.6	90.4	6002 2RZ	1.7H4.HE5.NAE
		600	52.5	90.4	6002 2RZ	1.7H4.HF6.NAE
		650	55.6	96.8	6002 2RZ	1.7H4.HE6.NAE
		700	52.5	96.8	6002 2RZ	1.7H4.HF7.NAE
		750	55.6	103.2	6002 2RZ	1.7H4.HE7.NAE
		800	52.5	103.2	6002 2RZ	1.7H4.HF8.NAE
		850	55.6	109.6	6002 2RZ	1.7H4.HE8.NAE
		900	52.6	109.6	6002 2RZ	1.7H4.HF9.NAE
		2 grooves	250	55.6	64.8	6002 2RZ
	300		52.5	64.8	6002 2RZ	1.7H4.HH3.NAE
	350		55.6	71.2	6002 2RZ	1.7H4.HG3.NAE
	400		52.5	71.2	6002 2RZ	1.7H4.HH4.NAE
	450		55.6	77.6	6002 2RZ	1.7H4.HG4.NAE
	500		52.5	77.6	6002 2RZ	1.7H4.HH5.NAE
	550		55.6	84.0	6002 2RZ	1.7H4.HG5.NAE
	600		52.5	84.0	6002 2RZ	1.7H4.HH6.NAE
	650		55.6	90.4	6002 2RZ	1.7H4.HG6.NAE
	700		52.5	90.4	6002 2RZ	1.7H4.HH7.NAE
	750		55.6	96.8	6002 2RZ	1.7H4.HG7.NAE
	800		52.5	96.8	6002 2RZ	1.7H4.HH8.NAE
	850	55.6	103.2	6002 2RZ	1.7H4.HG8.NAE	
900	52.5	103.2	6002 2RZ	1.7H4.HH9.NAE		

Example of a reference number: 1.7H4.HF5.NAE - 490

This reference number is for a Conveyor Roller Series 1700KXO, steel, zinc-plated, without grooves, reference length 500 mm, Ø shaft 14 mm, female threaded shaft and reference length 490 mm. The reference length RL can be found on the dimensioned drawing: $RL = EL - 10$. The axial play of 0.5 mm per side 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: $500 - 10 = 490$ mm.

Ordering
example



TAPERED UNIVERSAL CONVEYOR ROLLER SERIES 1700KXO

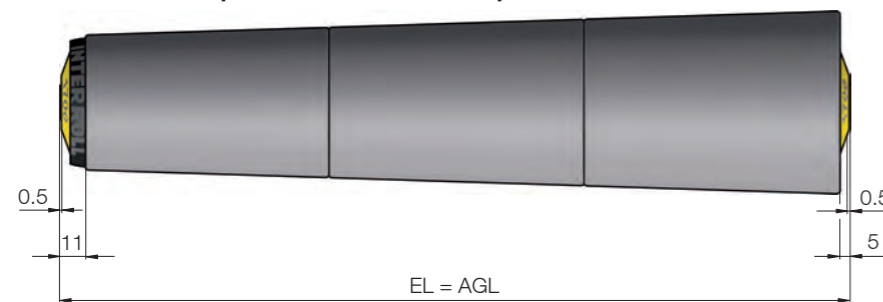
Standard solution for gravity or driven curves

Dimensions

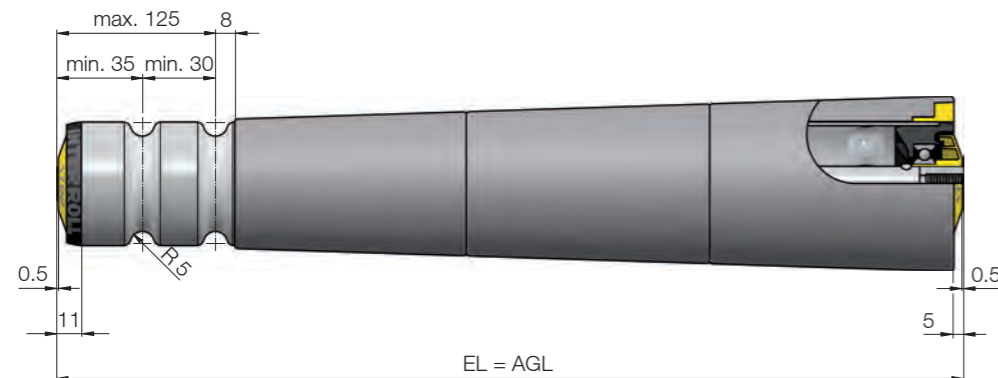
RL	Reference length/Ordering length*
EL	Installation length
AGL	Total length of shaft

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

Dimensions for tapered elements on zinc-plated steel tube



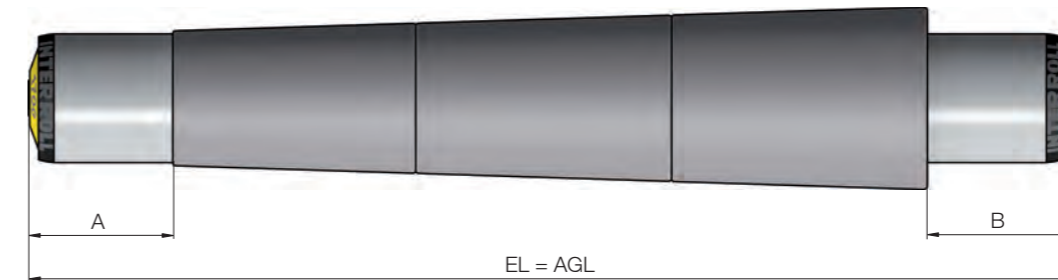
Dimensions for tapered elements on zinc-plated steel tube with two grooves



Options

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

- Internal curve radius 650 mm
- Projection of bearing tube at the internal or external radius



The following dimensions are needed when ordering a tube projection at one or both ends: Dimension A on the internal radius of the curve and Dimension B on the external radius of the curve. If you require a tube projection at one side only, please enter a 0 for the other dimension.

Please contact your Interroll customer consultant for other tube versions:

- Both sides without grooves
- Grooves on internal radius of curve
- Grooves on external radius of curve

Ordering information