



INTERROLL ROLLERDRIVE CONVEYOR RM 5661

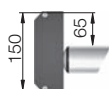


Roller Conveyors
RollerDrive
RM 5661
Curve

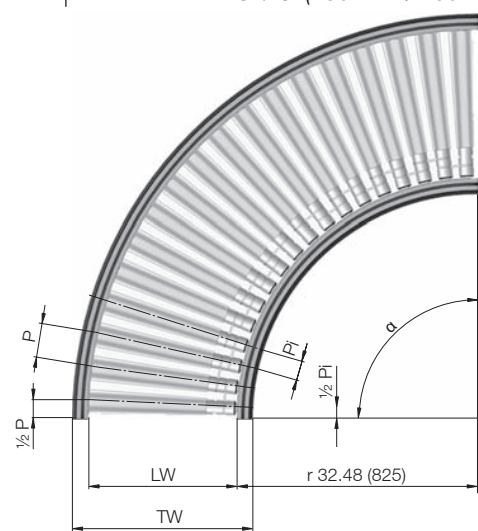
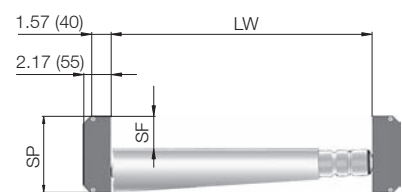
The roller conveyor curves change the direction of transport of material. The alignment of the material is maintained within the side frames by tapered rollers. Each drive features a digital interface to an external control (PLC) that protects the RollerDrive from overload.

Technical Data

	O-ring	PolyVee belt
General technical data		
Max. load capacity	35 lb/ft (50 kg/m)	50 lb/ft (80 kg/m)
Conveyor speed	20 to 250 ft/min (0.1 to 1.2 m/s)	
Inclined/declined	Not suitable	
Ambient temperature	+40 to +105 °F (+5 to +40 °C)	
Roller		
Roller type	Interroll Series 1700KXO	Interroll Series 3500KXO
Roller diameter	1.9"	
Roller material	Steel, with gray tapered polypropylene sleeves	
Max. number of rollers per zone	9	
Drive		
Rated voltage	24 V DC	
Max. electrical power per zone	0.05 kW	
Drive medium	5 mm O-ring	PolyVee belt
Torque transmission	Roller-to-roller	
Side frame		
150 mm (6") Extrusion	6" (150 mm) high, 2.6" (65 mm) above top of roller	
Combination of frame heights left/right	6" / 6" (150 mm / 150 mm)	



Dimensions

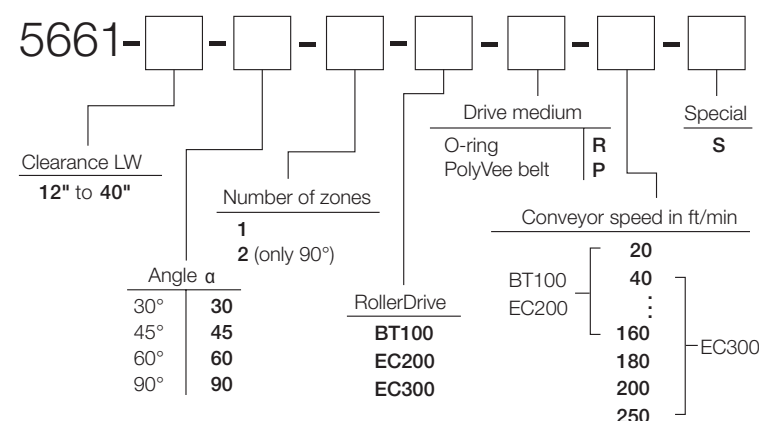


Dimensions	
LW Clearance	12" to 40" in 2" increments (310 mm to 1,010 mm in 50 mm increments)
TW Module width	LW + 4.33" (110 mm)
α Angle	30° / 45° / 60° / 90°
P Roller pitch, external	~0.003" (~0.087 mm) x LW + Pi
Pi Roller pitch, internal	~2.83" (~72 mm)
SP Side frame	6" (150 mm)
SF Side guide	2.6" (65 mm)

Order Information

- The module is fully assembled
- Please order support legs, end caps, sensors and 24 V power supply unit separately
- Steel components are powder-coated (in black RAL 9005 or in gray RAL 7030) or zinc-plated

Please create the reference number with the following configurator.



For selection of the RollerDrive please consult the Application Notes from p. 124.
If you require a non-standard version, add an „S“ to the end and describe your requirements.

Example of a reference number: 5661-20-90-2-EC200-R-40

This reference number stands for Interroll RollerDrive Conveyor RM 5661 with a clearance LW 20" (510 mm), an angle α 90°, 2 zones, a RollerDrive EC200, a O-ring as drive medium and a conveyor speed of 40 ft/min (0.2 m/s).

Accessories

- Sensors, see 118
- Support legs, see 158
- End caps, see 116
- 24 V power supply unit, see 117

Scope of supply

Configurator

Order example