

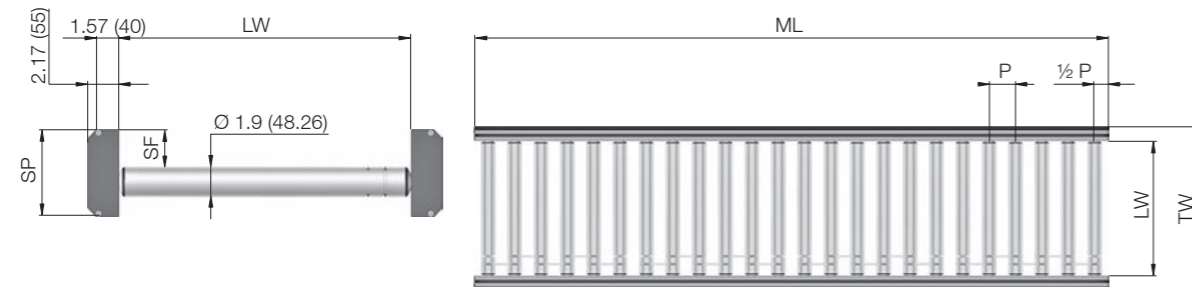
INTERROLL ROLLERDRIVE CONVEYOR RM 5660

The RollerDrive Conveyor is used with a PLC as transport storage conveyors or zero accumulation pressure storage conveyors. Each drive features a digital interface to an external control (PLC) that protects the RollerDrive from overload. Each RollerDrive is connected via PU O-rings or PolyVee belts to the idlers.

Technical Data

	O-ring	PolyVee belt
General technical data		
Max. load capacity	40 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 1700	
Roller diameter	1.9"	
Roller material	Steel, zinc-plated	
Max. number of rollers per conveyor/zone	11	20
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	
80 mm (3.15") Extrusion	Allows lateral shifting 3.15" (80 mm) high, 0.16" (4 mm) below top of roller	
Combination of frame heights left/right	6" / 6" (150 mm / 150 mm) 6" / 3.15" (150 mm / 80 mm) 3.15" / 6" (80 mm / 150 mm) 3.15" / 3.15" (80 mm / 80 mm)	

Dimensions

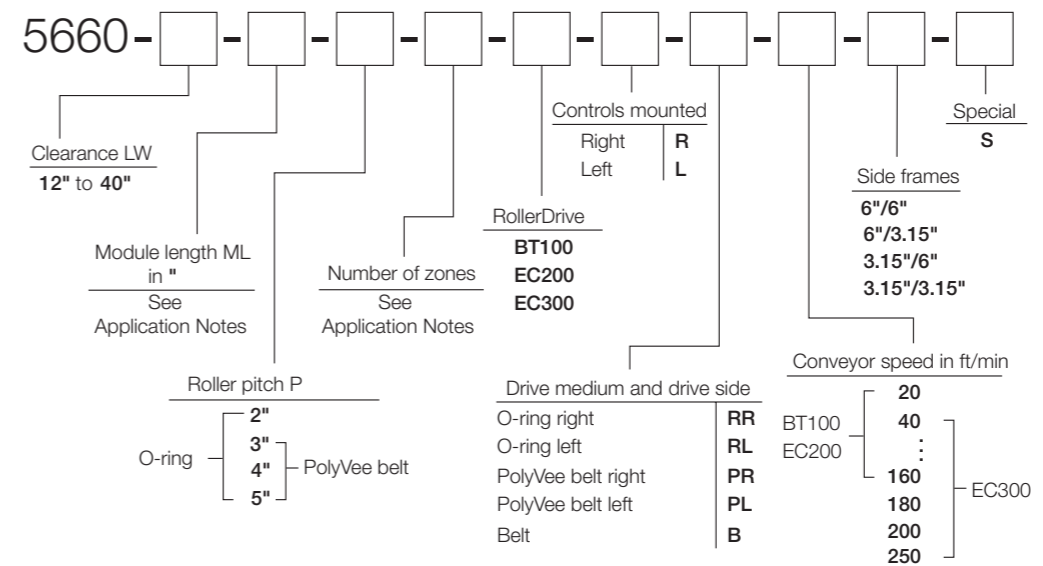


Dimensions	
LW Clearance	12" to 40" in 2" increments (310 mm to 1,010 mm in 50 mm increments)
ML Max. module length	120" (3,000 mm)
ZL Zone length	Number of rollers x P
TW Module width	LW + 4.33" (110 mm)
P Roller pitch	2" / 3" / 4" / 5" (50 mm / 75 mm / 100 mm / 125 mm)
SP Side frame	3.15" / 6" (80 mm / 150 mm)
SF Side guide	0.16" / 26" (4 mm / 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.
 A conveyor belt is also available as the drive medium. Please see 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: 5660-20-120-4-6-EC200-R-RL-40-6/6

This reference number stands for Interroll RollerDrive Conveyor RM 5660 with a clearance LW 20" (510 mm), a module length ML 120" (3000 mm), a roller pitch P 4" (100 mm), 6 zones, a RollerDrive EC200, the controls mounted on the right, a O-ring as drive medium on the left, a conveyor speed of 40 ft/min (0.2 m/s) and side frames with dimensions of 6"/6" (150 mm/150 mm).

Accessories

- Sensors, see 118
- Support legs, see 160
- End caps, see 116
- 24 V power supply unit, see 117

Scope of supply

Configurator

Order example