

2260 Series Driven Conveyor Roller



2260 Series O-Belt Pulley Roller

Product Features

- The O-belt pulley is located the end of the roller which separates the drive area and the conveying area avoiding interference between the O-belt and the conveyed goods.
- The bearing end cap consists of a precision ball bearing, a polymer housing and end cap seal. Combined they provide an attractive, smooth and quite running roller.
- The design of the end cap protects the bearings by providing excellent resistance to dust and splashed water.
- Because there is no grooving of the tube, the tube will not have any distortion and the roller will run more smoothly.
- Temperature range: -5°C ~ +40°C.
- Humidity available $\geq 30\%$

Please contact us if humidity out of this scope.

Specifications

| Bearing Unit | |
|------------------------|----------------------------|
| Bearing housing | Polyamide, black |
| End cap | Polypropylene, Damon green |
| Precision ball bearing | 6002 |
| Drive Element | |
| O-belt pulley | Polyamide, black |



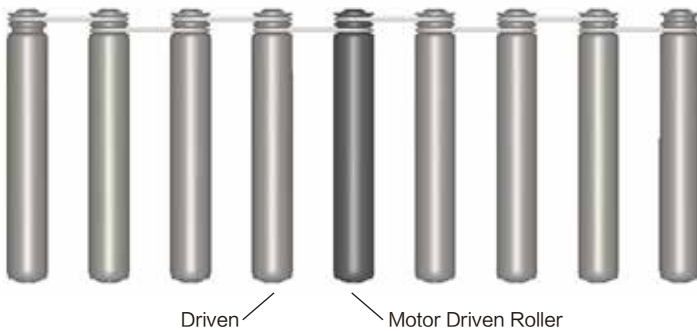
About duty

1. Duty is the maximum conveying capacity of driven roller (it's not roller's maximum load capacity) For more information about the load capacity, refer to the load capacity of 1200 series dia 50 roller on Page 27.
2. In driven conveying, duty plays a decisive role.
3. The duty capacity of the rollers depend on the drive method and drive capacity of the O-belt. Single items should not exceed 30kg.

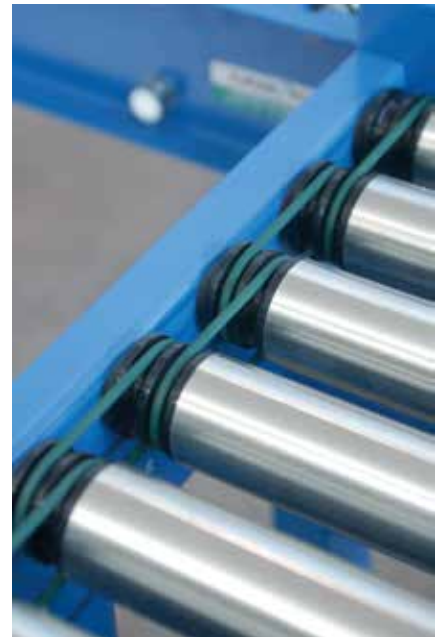
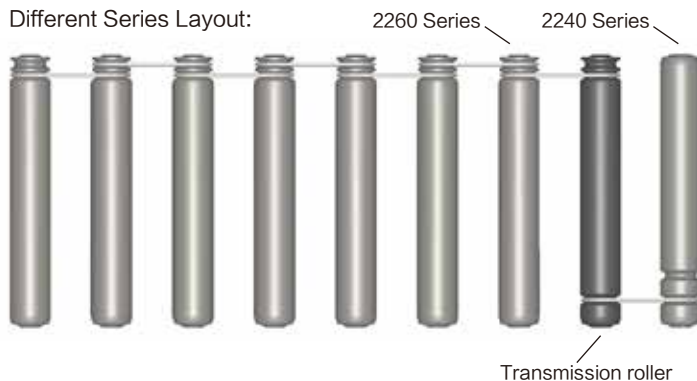
Double Grooved Pulley Drive

1. Simple arrangement. Easy installation and maintenance.
2. The driving torque deteriorates rapidly from roller to roller. Typically single MDR can only drive 7 to 8 rollers. The weight of single items to be conveyed should not exceed 30kg.
3. The preloading value is required for the length of O-belt loop. It may vary according to the different O-belt suppliers. Please check the specifications with the O-belt supplier. Typically, reduce the preloading value by 5% – 8% from the theoretical length of loop.

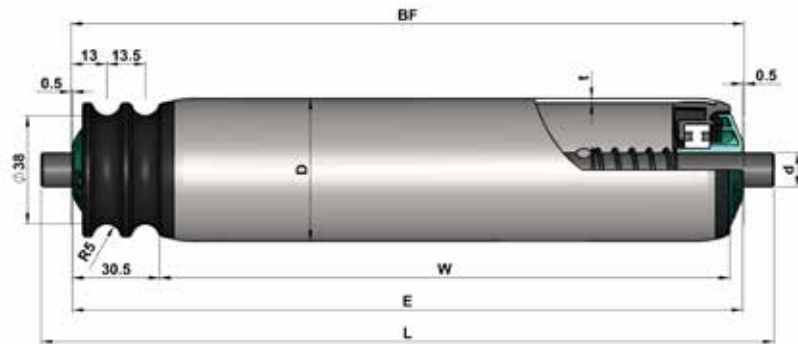
Double Grooved Pulley Drive Layout:



Different Series Layout:



2260 Series Driven Conveyor Roller



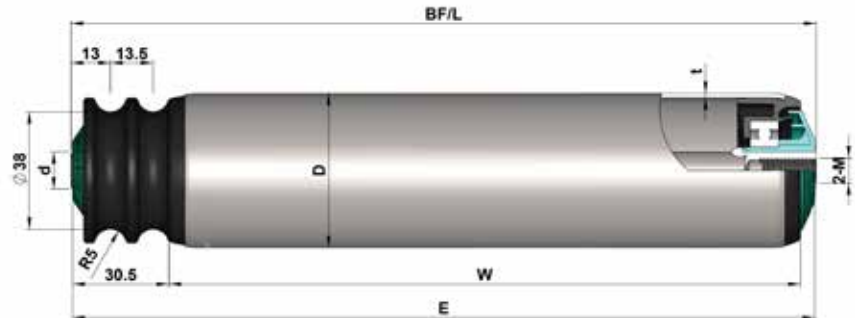
2260 Series **Spring Loaded**

| Tube Dia.(D) | Shaft Dia.(d) | | | |
|--------------|---------------|---------|--------|--------|
| Φ50 | Φ10/12/11hex | BF=W+36 | E=W+35 | L=W+57 |

| Tube | D*T | Shaft Dia.(d) | | |
|--|---------|---------------|---------------|---------------|
| | | Φ10 | 11hex | Φ12 |
| Steel, zinc plated | Φ50x1.5 | ○ | 2.260.SHC.BFA | 2.260.SHC.ACA |
| Steel, zinc plated with PVC sleeve (2mm) | Φ50x1.5 | ○ | 2.260.SHD.BFA | 2.260.SHD.ACA |
| Stainless steel | Φ50x1.5 | ○ | 2.260.NHC.BFA | 2.260.NHC.BCA |
| Aluminium | Φ50x1.5 | ○ | ○ | ○ |

○—Available configuration

⚙️ Φ50mm rollers can be fitted with PU sleeve (2mm).



2260 Series **Internal Thread**

| Tube Dia.(D) | Shaft Dia.(d) | | | |
|--------------|---------------|---------|--------|--------|
| Φ50 | Φ12/15 | BF=W+36 | E=W+35 | L=W+36 |

| Tube | D*T | Shaft Dia.(d) | |
|--|---------|---------------|----------------|
| | | Φ12 (M8x15) | Φ15 (M10x20) |
| Steel, zinc plated | Φ50x1.5 | 2.260.SHC.ACC | 2.260.SHC.ADC |
| Steel, zinc plated with PVC sleeve (2mm) | Φ50x1.5 | 2.260.SHD.ACC | 2.260.SHD.ADC |
| Stainless steel | Φ50x1.5 | 2.260.NHC.BCC | 2.260.NHC.BDC |
| Aluminium | Φ50x1.5 | ○ | ○ |

○—Available configuration

⚙️ Φ50mm rollers can be fitted with PU sleeve (2mm).