

MULTIPROFILE FOR POSITIVE DRIVE SOLID HOMOGENEOUS BELTS

Specially produced multiprofile based on the specification of positive drive solid homogeneous belt manufacturers

Product Description

- Applications**
- ✓ Food and hygienic applications
 - ✓ For driving most common positive drive solid homogeneous belts
 - ✓ For motors for applications with positive drive belts
 - ✓ For standard asynchronous drum motors with frequency inverter (see p 242). The frequency inverter should be set up to reduce the power by 18 %
 - ✓ For synchronous drum motors (see p 92)

Note: Where possible, avoid using 8 and 12 pole motors with multiprofile as they can reach high operating temperatures and may cause thermal overload. For further advice please contact your Interroll customer consultant.

- Characteristics**
- ✓ One profile for 9 different belts
 - ✓ Changing the belt without changing the drum motor
 - ✓ Resistant to abrasion
 - ✓ Low friction between belt and multiprofile
 - ✓ Reduced wear on belt
 - ✓ Quiet operation
 - ✓ Requires no belt tension which will increase the bearing lifetime of the drum motor
 - ✓ High resistance to oil, fuel and other chemicals
 - ✓ Ultra hygienic and easy to clean
 - ✓ Contributes to stock reduction

Note: Multiprofile has an influence on the outer diameter of the drum motor and on the velocity. The belt pull and speed of the drum motor must be recalculated based on the increased diameter. Refer to the velocity factor (Vf) in the table below.

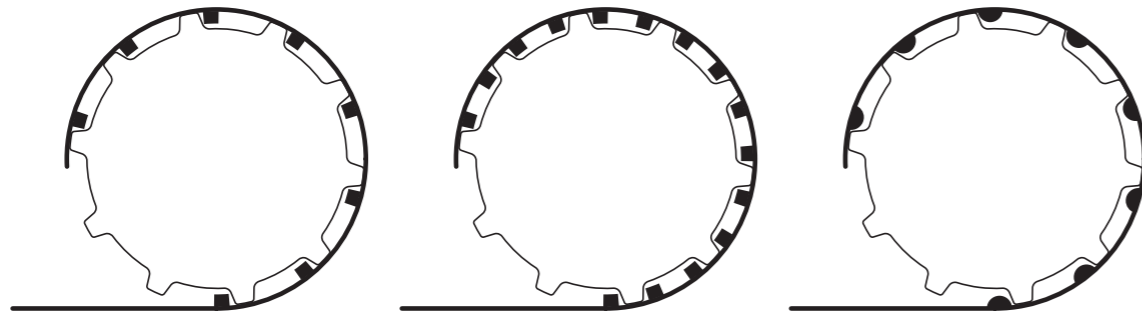
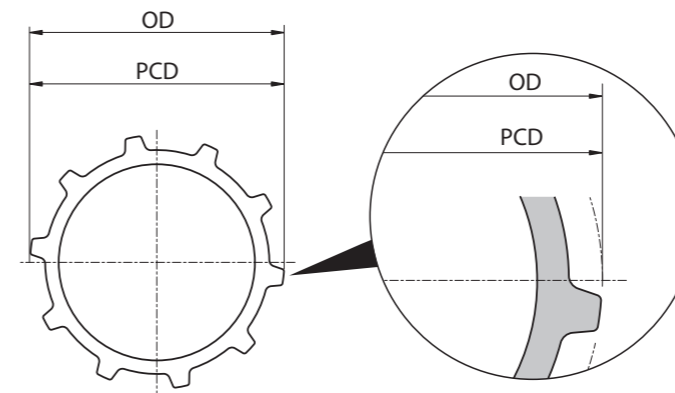


Fig.: Driving various types of positive drive solid homogeneous belts

Technical Data

Material	Interroll Premium Hygienic PU
Temperature range	- 40 to + 80 °C
Shore hardness	82 ± 5
Max. allowed shell length of drum motor	1,200 mm

Product Range



- Z Number of teeth
- OD Outer diameter in mm
- PCD Pitch circle diameter in mm
- Vf Velocity factor

Belt Manufacturer	Series	Multiprofile 138i			
		Z	OD mm	PCD mm	Vf
Ammeraal Beltech	SoliFlex PRO 2"				
HabasitLINK	Cleandrive M50				
Intralox ThermoDrive	TD8050 Thermolace / Hinge				
	TD8050 Endless				
	TD8026 Thermolace / Hinge	10	162.0	162.0	1.18
	TD8026 Endless				
Volta	DualDrive 3 mm				
Gates Mectrol	PosiClean PC10				
	PosiClean PC20				

Note on order information, see p 146.

If you didn't find your belt type or belt supplier please see updated list on www.interroll.com