

SlideRite P302-HS

Features:

- **No Lubrication Required**
- **High Load Bearing**
- **Long Wearing**
- **Low Friction**
- **Good Temperature Stability**

Suitable for:

- **Moderate Rotating or Oscillating Speeds**
- **Dry Running**
- **Water Lubricated**
- **Grease or Oil Lubricated**

Applications:

- **Marine Bearings**
- **Hydro Bearings**
- **Pump Bearings**
- **Construction and Agricultural Applications**
- **Rail and Transportation**
- **Hydraulic Cylinder Wear Rings**

Property	Unit		Values	
compressive strength	(MPa)	Psi	380	55825
shear strength	(MPa)	Psi	105	15200
modulus of elasticity	(MPa)	Psi	3000=6000	435000-870000
hardness	Rockwell "M"		105	
density	(10 ³ kg/m ³)	(lb/in ³)	1.35	0.048
water absorption	(%)		< 0.09	
coefficient of thermal expansion	(10 ⁻⁶ /°C)	(10 ⁻⁶ /°F)	20	12
chemical resistance	(-)		good	
color	(-)		tan	
maximum temperature	(°C)	°F	150	302
minimum temperature	(°C)	°F	<-200	<-330
advised maximum working temperature	(°C)	°F	100	212
typical friction value	(-)		0.04 – 0.09	
general wear resistance	(-)		excellent	
resistance against abrasive wear	(-)		very good	

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