

## Multiglide Polylube MRP

The Multiglide MRP bearings use highly available PTFE and other solid lubricants in the wear layer. This reduces friction, the resulting vibration and also shortens the typical break-in period. Testing also showed excellent wear characteristics in all conditions.

The Multiglide MRP is recommended for applications that require high load capacity, lowered frictional values, and more.

The Multiglide MRP is an excellent replacement bearing for bronze bushings.

Properties	Units		
Coefficient of Friction (DRY)	-	0,075 – 0,21	
Water Absorption	After 2 hours	%	0,12
	After 24 hours	%	0,16
Ultimate Compressive Strength	MPa	483	
Normal Working Pressure	MPa	207	
Coefficient of Thermal Expansion	m/m/°C	$8,69 \times 10^{-6}$	
Temperature Range	°C	-198 to 163°C	
Maximum Velocity	m/s	0,05	
Density	g/cm <sup>3</sup>	1,87	

### Availability:

Minimal inside diameter: Ø10 mm  
Maximum inside diameter: Depending on the availability of the mandrel  
Lengths: Standard lengths (other sizes on request)

### Important:

Housing size: H7 / H8  
Shaft size: h7 / h8