TYPICALLY IN STOCK



Enter Web Code (ex. #SFJ)



| Product Name | | Copper Alloy (Bronze) | | Copper Alloy (Brass) | | Cast Iron | | Multi-Layer (PTFE Filler) | Multi-Layer (Fluororesin Filler) | Resin (Polyacetal) | Resin (PTFE) |
|---|----------------------------------|--|------|---|------|---|------|---|--|---|---|
| Usage, Picture | | | | | | | | | | | |
| Typical Usage | | Best suited for high speed and low load applications when lubricated. | | Best suited for high load and low speed applications. | | Best suited for medium load and low speed applications. | | Thin wall and light weight. Best suited for high load and low speed applications. | Thin wall and light weight. Best suited for high speed applications. | Light weight. Best suited for high speed and food applications. | Light weight. Best suited for high speed and food applications. |
| Lubrication Type | | Grease | Oil | Grease | Oil | Grease | Oil | Lube Free | Lube Free | Lube Free | Lube Free |
| Rotation, Oscillating & Reciprocation Motion | | • | | • | | • | | • | • | • | • |
| Recommended Mating Shaft Tolerance | | f8, g6 | | d8, e7, f8, g6 | | e7, h7, g6 | | f8 | f8, h7, g6 | h7, g6 | g6 |
| Operating Temp. | | -40 to 150 °C | | -40 to 150 °C -40 to 200 °C | | -40 to 150 °C | | -195 to 280 °C | -50 to 140 °C | -40 to 80 °C | -200 to 200 °C |
| Load vs. Velocity | Allowable Load [N/mm²] | 10.0 | | 29.0, 98.0* | | 5.0 | 8.0 | 49.0, 137.0* | 6.0 | 17.5 | 7.0 |
| | Allowable Speed [m/s] | 1.66 | 5.00 | 0.50 | 1.00 | 0.15 | 0.25 | 0.65 | 3.33 | 0.85 | 1.65 |
| | Allowable PV Value [N/mm² * m/s] | 1.65 | 3.25 | 1.65 | 3.25 | 0.50 | 0.80 | 3.60 | 0.98 | 2.45 | 1.00 |
| | Air | G | | G | | G | | G | G | G | G |
| Enviromental Conditions | Oil | G | | G | | G | | G | P | G | G |
| | Water | P | | P — | | Р | | A | Р | Α | G |
| | Seawater | P | | Р — | | P | | Р | Р | Α | G |
| | Chemicals | Р | | P — | | Р | | А | P | Α | G |
| | Corrosive Atmosphere | Р | | A | | Р | | А | G | А | G |
| Cost \$ | | \$\$ | | \$\$ | | \$\$\$ | | \$ | \$\$\$\$ | \$ | \$\$ |
| *Allowable static surface pressure (no sliding motion or extremely low speed) Good Acceptable Poo | | | | | | | | | | | |

Unit Conversions: 1. °F = (°C * 1.8) + 32 (Example: °F = $(100 \, ^{\circ}\text{C} * 1.8) + 32 = 212 \, ^{\circ}\text{F}$) 2. kgf = N x 0.10192

Oil-Free Bushings / **Washers**



★ 🤣 Oil-Free Bushings - Copper Alloy,

Standard, I.D. F7, O.D. m6



* 🕏

 \bigcirc

#MPFZ Oil-Free Bushings - Copper Alloy, Flanged



* 🗸

#MPBU Oil-Free Bushings - Copper Alloy, Thin Wall, I.D. F7, O.D. m6



Ø

#MPBR Oil-Free Bushings - Copper Alloy, I.D. E7



#MPBP Oil-Free Bushings - Copper Alloy, Standard, I.D. G6, O.D. h6



#MPFU Oil-Free Bushings - Copper Alloy, Flanged, Thin Wall



#MPGZ Oil-Free Bushings - Copper Alloy,



#MPTP Oil-Free Bushings - Copper Alloy Standard, Flanged I.D. F7



#MPIZ Flanged Oil-Free Bushings with Pilot



#MPCZ Flanged Oil-Free Bushings -Center Flange



Ø

#MPWZ Oil-Free Copper Alloy Washers



#SHBR Oil-Free Bushings - Bronze, Straight, O.D. m6



#SHFZ Oil-Free Bushings - Bronze, Flanged



#SHTZ Oil-Free Bronze Bushings with Mounting Flange



#MFCK Center Flanged Oil-Free Bushings -**Double Bushing**



#MFKL Oil-Free Bushings – Flanged, Standard



#MFIK Pilot, Flanged Oil-Free Bushings -Single Bushing



#MHUT Oil-Free Bushing Pillow Block -Tall Block, Single Bushing



#MHUA Oil-Free Bushing Wide Pillow Block -Single Bushing

Ø