

Self-lubricated Sintered Bearings



Features

1. Excellent compressive strength and good thermal conductivity
2. Suitable for high speed and low load
3. Good friction and silent working
4. Lower wear rate and long life
5. No oil for lubrication and maintenance free
6. Possibility of solid lubricant (Graphite or MoS₂)
7. Available in all international standards like DIN, SAE, GB, ASTM
8. Lower maintenance requirement
9. Lower material cost for large production
10. Different structures could be available against special request

Tech. Data

Performance Index	Data
Tandard tolerance of inside diameter	G7
Outside diameter	s7
Recommended shaft tolerance	f7/g6
Recommended housing tolerance	f7/g6

Technical Information

Performance	Material	Unit	Bronze	Iron
	Density		Gr/cm ³	6.4~6.8
Max Load	N/mm ²	35	45	
Temp. Range	oc	-80 ~ +160	-80 ~ +160	
Friction Coefficient	μ	0.12 ~0.18	0.15~0.20	

Typical Applications

Power tools, Vacuum cleaner, Agricultural Machinery, Office Machinery, Home Appliances, Hydraulic Parts, Stove and Oven, Precision Instruments.

Availability

Cylindrical Bush / Flanged Bush/ Spherical/Spherical with collar/
Non Standard