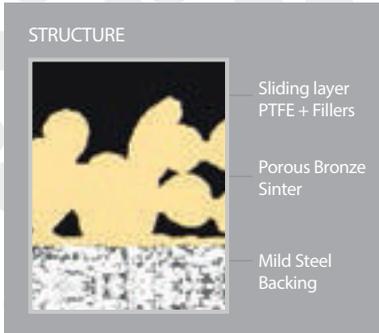


ID and OD chamfers

S ₃	C ₀	C ₁	β	S ₃	C ₀	C ₁	β
0.75	0.5±0.3	0.25±0.2	35° ±5°	2.00	1.2±0.4	0.50±0.3	35° ±5°
1.00	0.6±0.3	0.30±0.2	35° ±5°	2.50	1.8±0.6	0.60±0.3	45° ±5°
1.50	0.7±0.3	0.50±0.3	35° ±5°				

Unit:mm



Structure of the material:

Layer	Average analyses of the material	Thickness of layer
Sliding layer (Minimum)	PTFE Coating	10µm
Intermediate layer (Average Peak)	CuSn11 Sintered	200÷350µm
Supporting shell	Mild steel (Also Tin/zinc coated)	0,70 ÷ 2,20 mm (Depending on Dim. of the Bearing)

Operating Performance

Dry	Good
Oil lubricated	Very Good
Grease lubricated	Good
Water lubricated	Fair
Process fluid lubricated	Good

TECHNICAL DATA

Max. load	Static	250N/mm ²	Temp. limit	-195°C~-+280°C		
	Very low speed	140N/mm ²		Max. speed	Dry running	2m/s
	Rotating oscillating	60N/mm ²			Hydrodynamic operation	>2m/s
Max. PV dry running	Short-term operation	3.6N/mm ² *m/s	Thermal conductivity		42 W(m*K) ⁻¹	
	Continuous operation	1.8N/mm ² *m/s	Coefficient of thermal expansion		11*10 ⁻⁶ *K ⁻¹	
PV max. hydrodynamic		30N/mm ² *m/s	Friction coefficient	Dry	0.08~0.20	
				Hydrodynamic	0.03~0.08	

CHARACTERISTICS

- Good wear and low friction performance over a wide range of loads, speeds and temperatures in dry running conditions
- Very good performance in lubricated applications
- Good performance in greased applications
- Suitable for linear, oscillating and rotating movements
- Lead-free material

AVAILABILITY

- Bearing forms available in standard dimensions
- Cylindrical bushes
 - Flanged bushes
 - Flanged Washers
 - Sliding plates
 - Thrust washers

Bearing forms made to order Standard forms in special dimensions, half-bearings, special shapes obtained by stamping or deep drawing, bearings with locating notches, lubricant holes and machined/stamped grooves, customized bearing designs

APPLICATIONS

Automotive Aerospace, agricultural equipment, construction equipment, pumps and motors, railroad and tramways, textile machinery, valves food and beverage, material handling equipment, forming machines: metal, plastic and rubber; office equipment, medical and scientific equipment, packaging equipment, pneumatic and hydraulic cylinders,