

MDS.40.00

BT-11

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer

Special Coating.
Treatment "Duritex ML".
Colour Grey.

Intermediate Layer

Cu 90 - 93 % Max
Al 7 - 10 % Max
Thickness 50 ÷ 200µm.

Supporting Shell

C 0.17 % Max
Mn 1.40 % Max
P 0.04 % Max
S 0.04 % Max

Characteristics

Working surface acceptable specific static pressure	Max 310 N/mm ²
Working surface acceptable specific dynamic pressure	Max 150 N/mm ²
Maximum sliding speed (dry)	0,50 m/s (100 fpm)
Working temperature	From -200°C to +430° C
Friction factor (dry)	From 0.07 to 0.13

Sliding Surface

BT-11 sliding bearings can be used with or without lubrication. For the applications where the lubrication can only be periodic grease must be adopted. Where the lubrication can be continuous a lubricant oil can be chosen.

Shaft

For proper bushing performance we suggest having a shaft roughness of 0.40µm Max.

Items

The BT-11 can be supplied as many technical items, between them we indicate the followings:

- Trust Washers
- Plain Bearings according to ISO 3547 or according to customer's design drawing
- Plain Strips
- Special Parts



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