

MDS.36.00

Fe+PTFE

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer	Supporting Shell
PTFE. Thickness 20µm. Colour black.	C 0.17 % Max Mn 1.40 % Max P 0.04 % Max S 0.04 % Max

Characteristics	
Working surface acceptable specific static pressure	Max 100 N/mm ²
Working surface acceptable specific dynamic pressure	Max 4 N/mm ²
Maximum sliding speed	0,50 m/s (100 fpm)
Working temperature	From -50°C to +260° C
Friction factor	< 0.10

Sliding Surface
Fe+PTFE 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 0.40 ÷ 0.80µm.

Items
The Fe+PTFE can be supplied as many technical items, between them we indicate the followings: <ul style="list-style-type: none"> • Trust Washers • Plain Bearings according to ISO 3547 or according to customer's design drawing • Plain Strips • Special Parts


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