

MDS.34.00

F51+PTFE

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer
PTFE. Thickness 20µm. Colour black.

Supporting Shell
C ≤0.03 % Mn ≤2.05 % Si ≤1.00 % Cr 21.0 - 23.0 %
Mo 2.50 - 3.50 % Ni 4.50 - 6.50 %

Characteristics	
Working surface acceptable specific static pressure	Max 300 N/mm ²
Working surface acceptable specific dynamic pressure	Max 10 N/mm ²
Maximum sliding speed	0,50 m/s (100 fpm)
Working temperature	From -200°C to +280° C
Friction factor	From 0.03 to 0.20

Sliding Surface
F51+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 F51+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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