

MDS.35.00

INC.625+PTFE

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer
PTFE. Thickness 20µm. Colour black.

Supporting Shell
C 0.10 % Max Mn 0.05 % Max Cr 20 - 23 % Ni Rest
Mo 8 - 10 % Co 1 % Max Nb 3.15 - 4.15 %

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
Inc.625+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 Inc.625+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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