

MDS.33.00

# DRINOX

## SELF LUBRICATED SLIDING BEARINGS



Sliding Layer	Supporting Shell
PTFE. Thickness 20µm. Colour black.	C 0.03 % Max Mn 2.00 % Max P 0.04 % Max S 0.03 % Max Si 1.00 % Max Cr 16.5 - 18.5 % Ni 10.0-13.0 % Mo 2.0 - 2.5 %

Characteristics	
Working surface acceptable specific static pressure	Max 300 N/mm <sup>2</sup>
Working surface acceptable specific dynamic pressure	Max 10 N/mm <sup>2</sup>
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
DRINOX 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 DRINOX can be supplied as many technical items, between them we indicate the followings: <ul style="list-style-type: none"> <li>• Trust Washers</li> <li>• Plain Bearings according to ISO 3547 or according to customer's design drawing</li> <li>• Plain Strips</li> <li>• Special Parts</li> </ul>