

MDS.04.00

HT-F51

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer	Supporting Shell
Special Coating. Treatment "Duritex ML". Colour Grey.	<div> <div>C ≤0.03 %</div> <div>Mo 2.50 - 3.50 %</div> <div>Mn ≤2.05 %</div> <div>Ni 4.50 - 6.50 %</div> <div>Si ≤1.00 %</div> <div>Cr 21.0 - 23.0 %</div> </div>

Characteristics	
Working surface acceptable specific static pressure	Max 200 N/mm ²
Working surface acceptable specific dynamic pressure	Max 100 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
HT-F51 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
<p>The HT-F51 can be supplied as many technical items, between them we indicate the followings:</p> <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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