

MDS.03.00

# HT-625 SS

## SELF LUBRICATED SLIDING BEARINGS

Fully Treated  
Alloy-625  
Supporting Shell



Sliding Layer	Supporting Shell
Special nano-ceramic coating. Treatment "Duritex SS". Colour Grey or Blue.	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 200 N/mm <sup>2</sup>
Working surface acceptable specific dynamic pressure	Max 100 N/mm <sup>2</sup>
Maximum sliding speed (dry)	0,50 m/s (100 fpm)
Working temperature	From -190°C to +1000° C
Friction factor (dry)	From 0.09 to 0.14
Hardness (HV)	≥4400

Sliding Surface
HT-625 SS 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 with the following characteristics: Stainless S. Hardness 48HRc / 495 HV. Roughness of 0.40µm Max.

Items
<p>The HT-625 SS can be supplied as many technical items, between them we indicate the followings:</p> <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>



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