

MDS.21.00

# HTS-625

## SELF LUBRICATED SLIDING BEARINGS



### Sliding Layer

Special Coating.  
Treatment "Duritex ML".  
Colour Grey.

### Intermediate Layer

Stellite® 6  
40 ÷ 60 µm.

### Supporting Shell

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

### 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	0,50 m/s (100 fpm)
Working temperature	From -200°C to +450° C
Friction factor	From 0.07 to 0.13

### Sliding Surface

HTS-625 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 HTS-625 can be supplied as many technical items, between them we indicate the followings:

- Trust Washers
- Plain Bearings according to ISO 3547 or according to customer's design drawing