

MDS.24.00

VJ-316

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer

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

Intermediate Layer

Tungsten Carbide
40 ÷ 60 µm.
60 – 70 HRC.

Supporting Shell

C	0.03 % Max	Si	1.00 % Max
Mn	2.00 % Max	Cr	16.5 – 18.5 %
P	0.04 % Max	Ni	10.0–13.0 %
S	0.03 % Max	Mo	2.0 – 2.5 %

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	0,50 m/s (100 fpm)
Working temperature	From -200°C to +430° C
Friction factor	From 0.07 to 0.13

Sliding Surface

VJ-316 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 VJ-316 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