

MDS.18.00

FRITEX®-316 CRA-B

SELF LUBRICATED SLIDING BEARINGS



Sliding Layer

PTFE Fabric Impregnated with Glass Fibres.
Thickness 400µm.
Colour black/gray.

Intermediate Layer

Special adhesive.
Thickness 60µm.

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 280 N/mm ²
Working surface acceptable specific dynamic pressure	Max 130 N/mm ²
Maximum sliding speed	0.50 m/s
Working temperature	From -100°C to +240° C
Friction factor	From 0.03 to 0.15

Performance

FRITEX®-316 CRA-B bushing service life depend mainly from the load factor $P \times V$ (N/mm² · m/s).

For the bushes the internal semi-surface, which is given by the result of the internal diameter multiplied by the length $D_i \times L$, must be considered.

We recommended to make previous test for new application / project.

Shaft

For proper bushing performance we suggest having a shaft roughness of 0.40µm Max.

Items

The FRITEX®-316 CRA-B 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
- Plain Strips
- Special Parts
- Sliding Blocks