HIMON BEARINGS

Product Data Sheet
Advance Information

MDS.16.00

FRITEX®-316Ti CRA-A
SELF LUBRICATED SLIDING BEARINGS

Sliding Layer	Intermediate Layer	Supporting Shell			
PTFE Fabric impreg. with Polyester Fibres. Thickness 250µm. Colour black/gray.	Special adhesive. Thickness 60µm.	C	0.08 % Max	Si	1.00 % Max
		Mn	2.00 % Max	Cr	16.5 - 18.5 %
		P	0.04 % Max	Ni	10.5-13.5 %
		Ti	5X%C - 0.70	Mo	2.0 - 2.5 %

Characteristics	
Working surface acceptable specific static pressure	Max 220 N/mm^2
Working surface acceptable specific dynamic pressure	Max 95 N/mm^2
Maximum sliding speed	0.50 m/s
Working temperature	From -100°C to +130° C
Friction factor	From 0.03 to 0.15

Performance

FRITEX®-316Ti CRA-A bushing service life depend mainly from the load factor P x V ($N/mm^2 \cdot m/s$).
For the bushes the internal semi-surface, which is given by the result of the internal diameter multiplied by the length Di x 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®-316Ti CRA-A 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

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