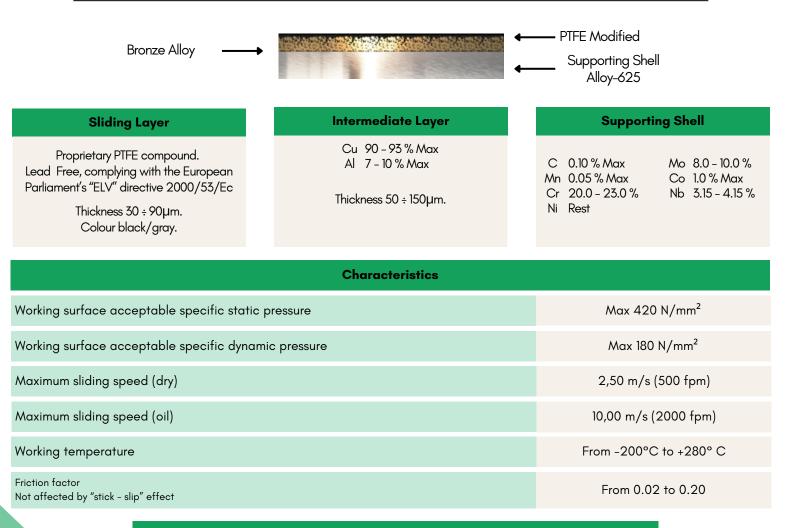




MDS.28.00

MU-625 SELF LUBRICATED SLIDING BEARINGS



Performance

MU-625 bushing service life depend mainly from the load factor P x V (N/mm $2 \cdot m/s$). Practical cases have shown that a working load factor of 2,50 to 3,60 (N/mm $2 \cdot m/s$) is admissible for short periods. Long service life (dry) are suited with load factors ranging from 0,20 to 1,80 for continuous movements and 0,10 to 0,90 (N/mm $2 \cdot m/s$) for alternate movements.

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.



Note: Information present in this sheet is considered reliable, but conditions and methods of use, which are beyond our control, may modify result. The information and data contained in this data sheet are the result of lengthy and detailed research, however Himon Bearings Srl cannot be held responsible for any incorrect or incomplete data. Owing to the constant development of the products, we reserve the right to make changes to the products without prior notice.





MDS.28.00

MU-625 SELF LUBRICATED SLIDING BEARINGS

Friction		
Sliding Speed V (m/s)	Specific Load P (N/mm²)	Friction Factor
up to 0,001	180	0,02
from 0,001 to 0,005	from 179 to 62	from 0,04 to 0,07
from 0,005 to 0,05	from 61 to 11	from 0,07 to 0,10
from 0,05 to 0,50	from 10 to 1	from 0,10 to 0,15
from 0,50 to 2,50	< 1	from 0,15 to 0,20

Shaft

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

Items

The MU-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
- Plain Strips



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