

MDS.32.00

BMT

SAE792 SELF LUBRICATED SLIDING BEARINGS

Sliding Layer	Supporting Shell
Sinter Bronze (S6 ISO 3547-4) Cu Rest Sn 9 - 11 % Pb 8 - 11 %	C 0.08 % Max Mn 0.40 % Max P 0.03 % Max S 0.03 % Max

Characteristics	
Working surface acceptable specific static pressure	Max 300 N/mm ²
Working surface acceptable specific dynamic pressure	Max 160 N/mm ²
Maximum sliding speed (with grease)	2,50 m/s
Maximum sliding speed (with oil)	10 m/s
Working temperature	From -40°C to +250° C
Friction factor	From 0.04 to 0.15
Thermal Conductibility	46 W/mK

Lubrication
Lubrication is compulsory for the correct use of BMT sliding bearings, lubrication is also useful to prevent corrosion on the counter pieces. When the coupling is exposed to atmosphere or to aggressive environments it's advisable to adopt lubricant seals which always improve coupling service life.
Shaft
For proper bushing performance we suggest having a shaft roughness of 0.40 ÷ 0.80µm.
Items
The BMT can be supplied as many technical items, between them we indicate the followings: <ul style="list-style-type: none"> Trust Washers Plain Bearings according to ISO 3547 or according to customer's design drawing Plain Strips Special Parts