

MDS.41.00

SINTER BRONZE

SELF LUBRICATED SLIDING BEARINGS

Element
Sn = 8 - 10 % Max Cu = Rest Other = 2 % Max

Characteristics	
Maximum Specific Load (Static)	Max 200 Kg/cm ²
Maximum Sliding Speed (Dry)	4 m/s
Hardness	25 HB
Working temperature	From -20°C to +300° C
Friction factor	0.030

Sliding Surface
<p>The Sintered Bronze bushing, which offers a wide range of applications, consists of a bronze powder that, after being pressed and moulded, is sintered, calibrated and impregnated in specific oil.</p> <p>The impregnation volume is usually 25-29%, according to DIN 30910 Sint. A50, but can go up to 18-20% to increase the mechanical strength to support high static loads.</p> <p>During application, this type of material develops a film of lubricating oil between the shaft and the bushing due to its impregnation with oil.</p>

Items
<p>The Sinter Bronze can be supplied as many technical items, between them we indicate the followings:</p> <ul style="list-style-type: none"> • Plain Bearings • Flanged Bearings • Special Parts


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