



BRO-MET®/L

Wrapped bronzed sliding bearing with perforations • Punched • Low-maintenance
DIN 1494 / ISO 3547

We produce all special
designs at short notice!

BMZ/L Cylindrical

bushing

BMB/L Flanged bushing

BMS/L Strips

PROPERTIES	Good load capacity and stability at low abrasion. Because of perforations lubrication clearances are reduced to a minimum!
MATERIALS supporting material	CuSn8P (DIN 17662)
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 120 [N/mm ²] at max. 0,01 m/s ≤ 40 [N/mm ²] at max. 2,0 m/s $\leq 2,5$ [m/s] depending on lubrication 0,05 to 0,20 [μ] depending on lubrication -40 to +250 [°C] 2,8 [N/mm ² x m/s]
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 H9 f7 to h8
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness \leq Rz 6,3
MOUNTING ADVISE Housing Shaft Force fitting mandrel	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.
MAINTENANCE	BRO-MET®/L is a low-maintenance bronze sliding bearing, primary lubrication is necessary. Oil or grease lubrication is possible. Due to lubrication pockets lubrication clearances are reduced to a minimum!



Cylindrical bushings, flanged bushings and strips are standard fabrication.