



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	<p>≤ 120 [N/mm²] at max. 0,01 m/s</p> <p>≤ 40 [N/mm²] at max. 2,0 m/s</p> <p>≤ 2,5 [m/s] depending on lubrication</p> <p>0,05 to 0,20 [μ] depending on lubrication</p> <p>-40 to +250 [°C]</p> <p>2,8 [N/mm² x m/s]</p>
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	<p>H7</p> <p>H9</p> <p>f7 to h8</p>
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness ≤ Rz 6,3
MOUNTING ADVISE Housing Shaft Force fitting mandrel	<p>Mounting bevel, min. 1,5 mm x 15-45°</p> <p>Mounting bevel, 5 mm x 15°, edges rounded</p> <p>The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.</p>
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.