



BRO-MET®

Wrapped bronze sliding bearing, with lubrication pockets • Low-maintenance
DIN 1494 / ISO 3547

We produce all special designs at short notice! Punchings and moldings are produced on customers' requirement.

BMZ Cylindrical bushing
BMB Flanged bushing
BMA Thrust washer
BMS Strip

PROPERTIES	Good load capacity and stability at low abrasion, suited for rough operation, corrosion resistant.
MATERIALS Support material	CuSn8P (DIN 17662)
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value Percentage contact area	<p>≤ 120 [N/mm²]</p> <p>≤ 40 [N/mm²] at max. 2,0 m/s</p> <p>≤ 2,5 [m/s]</p> <p>0,05 to 0,12 [μ] depending on lubrication</p> <p>-40 to +250 [°C]</p> <p>2,8 [N/mm² x m/s]</p> <p>> 75 [%]</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® 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!



Additional lubrication slots or lubrication drills are available on demand!
Cylindrical and flanged bushings, thrust washer and strips are standard fabrication.