

# BRO-MET<sup>®</sup>/LD



WRAPPED BRONZE SLIDING BEARING,  
PERFORATIONS, SEALING, LOW-MAINTENANCE



# BRO-MET®/LD

**Wrapped bronze sliding bearing, with perforations • Punched • With sealing at both ends**  
**Low-maintenance • DIN 1494 / ISO 3547**

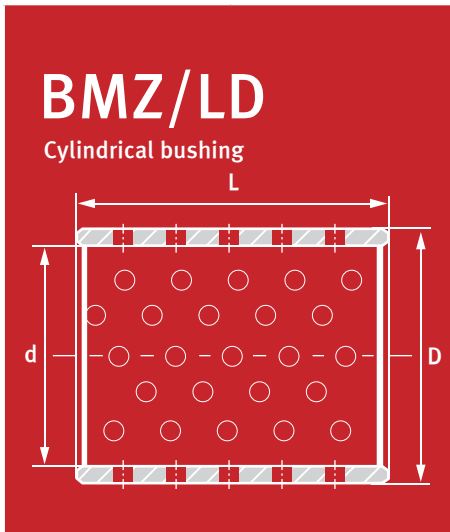
<b>PROPERTIES</b>	Good load capacity and stability at low abrasion, with seal against humidity and external contamination. Extended lubrication clearances.
<b>MATERIALS</b> Support material	CuSn8P (DIN 17662)
<b>MATERIAL PROPERTIES</b> Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	<p>≤ 120 [ N/mm<sup>2</sup> ] at max. 0,01 m/s</p> <p>≤ 40 [ N/mm<sup>2</sup> ] 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 +150 [ °C ]</p> <p>2,8 [ N/mm<sup>2</sup> x m/s ]</p>
<b>TOLERANCE DETAILS</b> Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	<p>H7</p> <p>H9</p> <p>f7 or h8</p>
<b>SHAFT MATERIAL</b>	Steel, hardened or untempered, surface roughness ≤ R <sub>z</sub> 6,3
<b>MOUNTING ADVICE</b> 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>
<b>MAINTENANCE</b>	BRO-MET®/LD 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!

All special designs are produced at short notice!

BMZ/LD Cylindrical bushing

**BRO-MET®/LD is only deliverable as cylindrical bushing.**

# BMZ/LD



Art. Nr.	d / D x L
BMZ/LD 1215	12/14x15
BMZ/LD 1415	14/16x15
BMZ/LD 1420	14/16x20
BMZ/LD 1515	15/17x15
BMZ/LD 1525	15/17x25
BMZ/LD 1615	16/18x15
BMZ/LD 1620	16/18x20
BMZ/LD 1625	16/18x25
BMZ/LD 1815	18/20x15
BMZ/LD 1820	18/20x20
BMZ/LD 1825	18/20x25
BMZ/LD 2015	20/23x15
BMZ/LD 2020	20/23x20
BMZ/LD 2025	20/23x25
BMZ/LD 2030	20/23x30
BMZ/LD 2215	22/25x15
BMZ/LD 2220	22/25x20
BMZ/LD 2225	22/25x25
BMZ/LD 2230	22/25x30
BMZ/LD 2515	25/28x15
BMZ/LD 2525	25/28x25
BMZ/LD 2530	25/28x30
BMZ/LD 2815	28/32x15
BMZ/LD 2830	28/32x30
BMZ/LD 3020	30/34x20
BMZ/LD 3030	30/34x30
BMZ/LD 3040	30/34x40
BMZ/LD 3220	32/36x20
BMZ/LD 3230	32/36x30
BMZ/LD 3240	32/36x40
BMZ/LD 3520	35/39x20
BMZ/LD 3530	35/39x30
BMZ/LD 3540	35/39x40
BMZ/LD 4020	40/44x20

Art. Nr.	d / D x L
BMZ/LD 4030	40/44x30
BMZ/LD 4040	40/44x40
BMZ/LD 4050	40/44x50
BMZ/LD 4530	45/50x30
BMZ/LD 4540	45/50x40
BMZ/LD 4550	45/50x50
BMZ/LD 5030	50/55x30
BMZ/LD 5040	50/55x40
BMZ/LD 5050	50/55x50
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BMZ/LD 6060	60/65x60
BMZ/LD 6540	65/70x40
BMZ/LD 6560	65/70x60
BMZ/LD 7040	70/75x40
BMZ/LD 7080	70/75x80
BMZ/LD 7540	75/80x40
BMZ/LD 7580	75/80x80
BMZ/LD 8040	80/85x40
BMZ/LD 8080	80/85x80
BMZ/LD 8540	85/90x40
BMZ/LD 8580	85/90x80
BMZ/LD 9040	90/95x40
BMZ/LD 9090	90/95x90
BMZ/LD 10050	100/105x50
BMZ/LD 10095	100/105x95