PHYSICAL PROPERTIES OF POROUS METAL POWDER OIL-IMPREGNATED BEARINGS

Grade	Class	Sub-class	Density g / cm³	K-factor (Min) * MPa	Minimum inter-connected Porosity %
1	A		5.8-6.2 *(L)* 6.2-6.6 *(M)* 6.6-7.0 *(H)*	100 140 180	25 18 12
1	B	B 1	5.7-6.1 *(L)* 6.1-6.5 *(M)* 6.5-6.9 *(H)*	100 140 180	25 18 12
		B 2	5.6-6.0 *(L)* 6.0-6.4 *(M)* 6.4-6.8 *(H)*	100 140 180	25 18 12
		B 3	5.5-5.9 *(L)* 5.9-6.3 *(M)* 6.3-6.7 *(H)*	100 140 180	25 18 12
2	A		5.4-5.8 *(L)* 5.8-6.2 *(M)* 6.2-6.6 *(H)*	150 170 250	22 18 12
2	B	B 1	5.4-5.8 *(L)* 5.8-6.2 *(M)* 6.2-6.6 *(H)*	180 210 250	22 18 12
		B 2	5.4-5.8 *(L)* 5.8-6.2 *(M)* 6.2-6.6 *(H)*	250 275 310	22 18 12
		B 3	5.4-5.8 *(L)* 5.8-6.2 *(M)* 6.2-6.6 *(H)*	270 300 340	22 18 12

Note - *(L)* = Low density *(H)* = High density
(M) = Medium density * IMPa = 0.102 kg / mm².