

Case Hardened Steel Bushes

Data Sheet

Operating Performance

Dry	Not Recommended
Oil Lubricated	Fair
Grease Lubricated	Good
Fresh Water	Not Recommended
Salt Water	Not Recommended

Bearing Properties

Imperial

Metric

Physical Properties	Condition	Unit	Value	Unit	Value
Maximum Contact Pressure	Sliding	psi	7300	N/mm ²	50
Operating Temperature	Min	°F	-58	°C	-50
Operating Temperature	Max	°F	302	°C	150
Maximum Sliding Speed	Lubricated	fpm	20	m/s	0.1
Maximum PV Factor	Lubricated	psi x fpm	43000	N/mm ² x m/s	1.5
Coefficient of Friction	Lubricated	F	0.2	F	0.2

Mating Material Recommendations

Physical Properties	Unit	Value
Surface Roughness	µm	<0.8
Surface Hardness	HB	>600

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