

# Timken 220RU02 cylindrical roller bearings

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Bore Type	Cylindrical Bore
Enclosure	Open
Configuration	Double Row
Roller Profile	Symmetric
Center Guidance	Floating Steel Ring
Retainer Material	Pressed Steel
Nr. of Holes	4
Weight	4.500 kg
d	80 mm
D	170 mm
B	39 mm
Fillet Radius/Chamfer	2.1 mm
Groove Width A	8 mm
Hole Diameter (do)	4 mm
Dynamic Load Rating	380,000 N
Static Load Rating	339,000 N
Limiting Speed – Grease	3,300 rpm
Limiting Speed – Oil	4,000 rpm
Constant e	0.23
Axial Load Factor Y0	2.82
Axial Load Factor Y1	2.88
Axial Load Factor Y2	4.29

Radial Clearance	0.050 to 0.080 mm
da (min)	92 mm
Da (max)	158 mm
ra (max)	2 mm