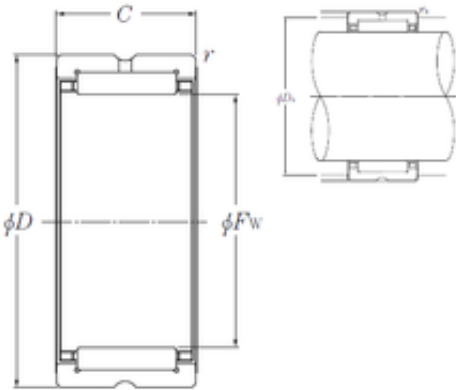




Shandong Zhaoyue Bearing Co., Ltd.



NTN MR202820 needle roller bearings

Bearing No. MR202820

MR202820 Bearing 2D drawings and 3D CAD models

| | |
|--------------------------------|----------------------|
| Size | 31.75x44.45x31.75 mm |
| Bore Diameter | 31,75 mm |
| Outer Diameter | 44,45 mm |
| Width | 31,75 mm |
| Fw | 31,75 mm |
| D | 44,45 mm |
| C | 31,75 mm |
| r min. | 1 mm |
| Da max. | 39,5 mm |
| ra max. | 1 mm |
| Weight | 0,136 Kg |
| Basic dynamic load rating (C) | 43,5 kN |
| Basic static load rating (C0) | 68 kN |
| (Grease) Lubrication Speed | 8 500 r/min |
| rs min | 1 mm |
| Dw | 4 mm |
| Lw | 25.8 mm |
| Lubrication hole on outer ring | Oui/Yes |
| k | 3 mm |
| Radial clearance class | CN |
| Precision class | P0 |
| Mass | 0.14 kg |
| Cr | 43.5 kN |
| C0r | 68 kN |
| Nlim (grease) | 8,500 rpm |



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| | |
|---|------------|
| Nlim (oil) | 13,000 rpm |
| Min operating temperature, Tmin | -20 ° C |
| Max operating temperature, Tmax | 120 ° C |
| Characteristic cage frequency, FTF | 0.46 Hz |
| Characteristic rolling element frequency, BSF | 12.03 Hz |
| Characteristic outer ring frequency, BPF0 | 8.26 Hz |
| Characteristic inner ring frequency, BRF1 | 9.74 Hz |
| Da max | 39.5 mm |
| ras max | 1 mm |
| Category | Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NTN |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.133 |
| Product Group | B04144 |