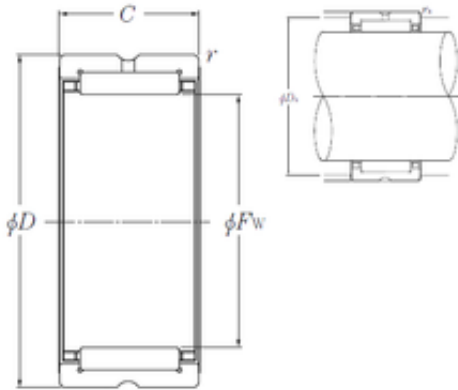




# BEARING DRIVESHAFT, INC.

## NTN MR182616 needle roller bearings

Bearing No. MR182616



MR182616 Bearing 2D drawings and 3D CAD models

|                                |                       |
|--------------------------------|-----------------------|
| Size                           | 28.575x41.275x25.4 mm |
| Bore Diameter                  | 28,575 mm             |
| Outer Diameter                 | 41,275 mm             |
| Width                          | 25,4 mm               |
| Fw                             | 28,575 mm             |
| D                              | 41,275 mm             |
| C                              | 25,4 mm               |
| r min.                         | 1 mm                  |
| Da max.                        | 36,5 mm               |
| ra max.                        | 1 mm                  |
| Weight                         | 0,1 Kg                |
| Basic dynamic load rating (C)  | 32,5 kN               |
| Basic static load rating (C0)  | 45 kN                 |
| (Grease) Lubrication Speed     | 9 500 r/min           |
| rs min                         | 1 mm                  |
| Dw                             | 4 mm                  |
| Lw                             | 19.8 mm               |
| Lubrication hole on outer ring | Oui/Yes               |
| k                              | 3 mm                  |
| Radial clearance class         | CN                    |
| Precision class                | P0                    |
| Mass                           | 0.1 kg                |
| Cr                             | 32.5 kN               |
| C0r                            | 45 kN                 |
| Nlim (grease)                  | 9,500 rpm             |



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|   |            |
|---|------------|
| Nlim (oil)                                    | 14,000 rpm |
| Min operating temperature, Tmin               | -20 ° C    |
| Max operating temperature, Tmax               | 120 ° C    |
| Characteristic cage frequency, FTF            | 0.44 Hz    |
| Characteristic rolling element frequency, BSF | 8.02 Hz    |
| Characteristic outer ring frequency, BPF0     | 7.02 Hz    |
| Characteristic inner ring frequency, BRF1     | 8.89 Hz    |
| Da max  | 36.5 mm    |
| ras max                                       | 1 mm       |
| Category                                      | Bearings   |
| Inventory                                     | 0.0        |
| Manufacturer Name                             | NTN        |
| Minimum Buy Quantity                          | N/A        |
| Weight / Kilogram                             | 0.01       |
| Product Group                                 | B04144     |