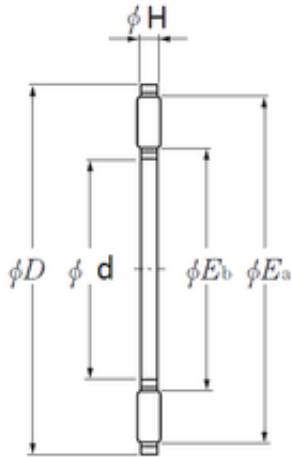




## NTN Bearing Driveshaft do Brasil



### NTN AXK1105 needle roller bearings

Bearing No. AXK1105

|                               |            |
|-------------------------------|------------|
| Size                          | 25x42x2 mm |
| Bore Diameter                 | 25 mm      |
| Outer Diameter                | 42 mm      |
| Width                         | 2 mm       |
| d                             | 25 mm      |
| D                             | 42 mm      |
| H                             | 2 mm       |
| Ea                            | 39,4 mm    |
| Eb                            | 29,5 mm    |
| Weight                        | 0,007 Kg   |
| Basic dynamic load rating (C) | 14,6 kN    |
| Basic static load rating (C0) | 58 kN      |
| (Grease) Lubrication Speed    | 1800 r/min |
| Dc1                           | 25 mm      |
| Dc                            | 42 mm      |
| Dw                            | 2 mm       |
| Lw                            | 4.8 mm     |
| Bearing ring (washer) AS      | AS1105     |
| Bearing ring (inner ring) WS  | WS81105    |
| Bearing ring (outer ring) GS  | GS81105    |
| Cage assembly mass            | 0.007 kg   |
| Ca                            | 14.6 kN    |
| C0a                           | 58 kN      |
| Nlim (grease)                 | 1,800 rpm  |
| Nlim (oil)                    | 7,000 rpm  |

AXK1105 Bearing 2D drawings and 3D CAD models



## NTN Bearing Driveshaft do Brasil

|   |                 |
|---|-----------------|
| Min operating temperature, Tmin               | -20 ° C         |
| Max operating temperature, Tmax               | 120 ° C         |
| Characteristic cage frequency, FTF            | 0.5 Hz          |
| Characteristic rolling element frequency, BSF | 17.22 Hz        |
| Characteristic outer ring frequency, BPF0     | 15 Hz           |
| Characteristic inner ring frequency, BPF1     | 15 Hz           |
| Category                                      | Roller Bearings |
| Inventory                                     | 3.0             |
| Manufacturer Name                             | NTN             |
| Minimum Buy Quantity                          | N/A             |
| Weight / Kilogram                             | 0.007           |
| EAN   | 4547359022957   |
| Product Group                                 | B04144          |
| bore diameter:                                | 25 mm           |
| static load capacity:                         | 5900 kgf        |
| outside diameter:                             | 42 mm           |
| maximum rpm:                                  | 7000 RPM        |
| bearing material:                             | Chrome Steel    |
| fillet radius:                                | 0.6 mm          |
| cage material:                                | Steel           |
| series:                                       | AXK11           |
| dynamic load capacity:                        | 1490 kgf        |