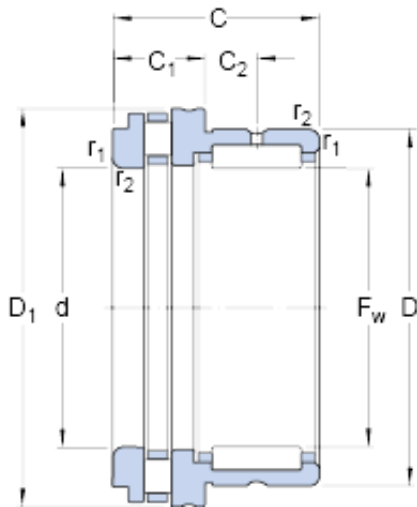




BEARING USA CORP.

SKF NKXR 35 cylindrical roller bearings

Bearing No. NKXR 35



NKXR 35 Bearing 2D drawings and 3D CAD models

| | |
|--|-------------|
| Size | 47x35x30 mm |
| Bore Diameter | 47 mm |
| Outer Diameter | 35 mm |
| Width | 30 mm |
| F_w | 35 mm |
| D | 47 mm |
| C | 30 mm |
| C_1 | 12 mm |
| C_2 | 9 mm |
| d | 35 mm |
| D_1 | 52.1 mm |
| $r_{1,2}$ - min. | 0.6 mm |
| d_a - min. | 47.7 mm |
| r_a - max. | 0.6 mm |
| r_b - max. | 0.3 mm |
| d_i | 30 mm |
| F | 35 mm |
| B_i | 20 mm |
| Basic dynamic load rating, radial direction - C | 24.6 kN |
| Basic static load rating, radial direction - C_0 | 45 kN |
| Basic dynamic load rating, axial direction - C | 29 kN |
| Basic static load rating, axial direction - C_0 | 93 kN |
| | |



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| | |
|--|------------|
| Fatigue load limit, radial direction - P_u | 5.6 kN |
| Fatigue load limit, axial direction - P_u | 9.2 kN |
| Reference speed | 2800 r/min |
| Limiting speed | 5600 r/min |
| Mass bearing | 0.157 kg |
| Category | Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group | B04144 |
| F_w | 35 mm |
| C_1 | 12 mm |
| C_2 | 9 mm |
| D_1 | 52.1 mm |
| $r_{1,2}$ min. | 0.6 mm |
| d_a min. | 47.7 mm |
| r_a max. | 0.6 mm |
| r_b max. | 0.3 mm |
| d_i | 30 mm |
| B_i | 20 mm |
| Basic dynamic load rating, radial direction C | 24.6 kN |
| Basic static load rating, radial direction C_0 | 45 kN |
| Basic dynamic load rating, axial direction C | 29 kN |
| Basic static load rating, axial direction C_0 | 93 kN |
| Fatigue load limit, radial direction P_u | 5.6 kN |
| Fatigue load limit, axial | 9.15 kN |



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| | |
|--------------------------------|-------------|
| direction P_u | |
| Minimum axial load factor A | 0.000692 |
| Inner ring | IR 30x35x20 |