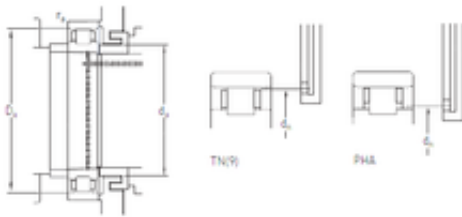
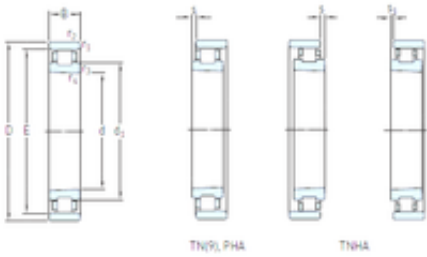




Shanghai Ruonan-Power Co., Ltd.



N 1011 KTN/HC5SP Bearing 2D drawings and 3D CAD models

55 mm x 90 mm x 18 mm SKF N 1011 KTN/HC5SP cylindrical roller bearings

Bearing No. N 1011 KTN/HC5SP

| | |
|-------------------------------|--------------|
| Size | 55x90x18 mm |
| Bore Diameter | 55 mm |
| Outer Diameter | 90 mm |
| Width | 18 mm |
| d | 55 mm |
| D | 90 mm |
| B | 18 mm |
| C | 18 mm |
| d1 | 68,2 mm |
| r1 min. | 1,1 mm |
| r2 min. | 1,1 mm |
| r3 min. | 0,6 mm |
| r4 min. | 0,6 mm |
| E | 81 mm |
| da min. | 61,5 mm |
| Da min | 82 mm |
| Da max. | 83,5 mm |
| rb max. | 1 mm |
| S | 2,5 mm |
| dh | 79,8 mm |
| Weight | 0,35 Kg |
| Basic dynamic load rating (C) | 40,2 kN |
| Basic static load rating (C0) | 48 kN |
| (Grease) Lubrication Speed | 13 000 r/min |
| (Oil) Lubrication Speed | 15 000 r/min |



Shanghai Ruonan-Power Co., Ltd.

| Category | Bearings |
|---|---------------------|
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group | B04270 |
| d_1 | 68.2 mm |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| s max. | 2.5 mm |
| d_a min. | 61.5 mm |
| D_a min. | 82 mm |
| D_a max. | 83.5 mm |
| r_a max. | 1 mm |
| d_n | 79.8 mm |
| Basic dynamic load rating C | 40.2 kN |
| Basic static load rating C_0 | 48 kN |
| Fatigue load limit P_u | 5.7 kN |
| Attainable speed for grease lubrication | 13000 r/min |
| Attainable speed for oil-air lubrication | 15000 r/min |
| Reference grease quantity G_{ref} | 4.4 cm ³ |
| Static radial stiffness (guideline value) | 810 N/ μ m |
| Mass bearing | 0.35 kg |