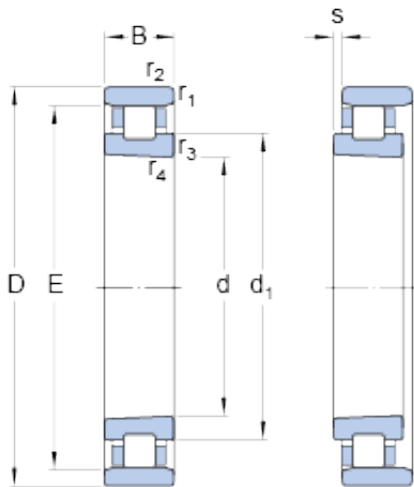




Wuxi Shenbing Bearing Company Limited



65 mm x 100 mm x 18 mm SKF N 1013 KPHA/HC5SP cylindrical roller bearings

Bearing No. N 1013 KPHA/HC5SP

N 1013 KPHA/HC5SP Bearing 2D drawings and 3D
CAD models

| | |
|---|--------------|
| Size | 65x100x18 mm |
| Bore Diameter | 65 mm |
| Outer Diameter | 100 mm |
| Width | 18 mm |
| d | 65 mm |
| D | 100 mm |
| B | 18 mm |
| d ₁ | 78.2 mm |
| E | 91 mm |
| r _{1,2} - min. | 1.1 mm |
| r _{3,4} - min. | 0.6 mm |
| s | 2.5 mm |
| d _a - min. | 71.5 mm |
| D _a - min. | 92 mm |
| D _a - max. | 93.5 mm |
| r _a - max. | 1 mm |
| d _n | 80.1 mm |
| Basic dynamic load rating - C | 42.9 kN |
| Basic static load rating - C ₀ | 54 kN |
| Fatigue load limit - P _u | 6.3 kN |
| Limiting speed for grease lubrication | 22000 r/min |
| Limiting speed for oil lubrication | 26000 mm/min |
| G _{ref} | 6.9 cm |



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| | |
|--|---------------------|
| Static radial stiffness (guideline value) | 840 N/micron |
| d_1 | 78.2 mm |
| $r_{1,2}$ min. | 1.1 mm |
| $r_{3,4}$ min. | 0.6 mm |
| s max. | 2.5 mm |
| d_a min. | 71.5 mm |
| D_a min. | 92 mm |
| D_a max. | 93.5 mm |
| r_a max. | 1 mm |
| d_n | 80.1 mm |
| Basic dynamic load rating C | 42.9 kN |
| Basic static load rating C_0 | 54 kN |
| Fatigue load limit P_u | 6.3 kN |
| Attainable speed for grease lubrication | 22000 r/min |
| Attainable speed for oil-air lubrication | 26000 r/min |
| Reference grease quantity G_{ref} | 6.9 cm ³ |
| Mass bearing | 0.35 kg |