

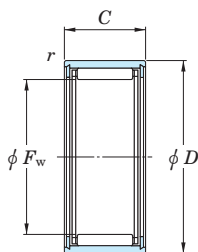
ソリッド形針状ころ軸受

内輪なし

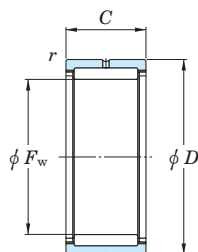
メートル系列

**NK, NKS, RNA48, RNA49,
RNA69, NKTN**シリーズ

軸径 5 ~ (17) mm



NK ($\phi F_w \leq 10$)



NK ($\phi F_w \geq 12$), NKS, RNA48,
RNA49, RNA69 ($\phi F_w \leq 35$)

| 軸径 | 主要寸法 (mm) | | | | 呼び番号 | 基本定格荷重 (kN) | | 疲労限荷重 (kN) C_u | 許容回転速度 (min ⁻¹) | | (参考) 質量 (kg) |
|----|-----------|-----|-----|-------------|-------------------|-------------|----------|---------------------|-----------------------------|--------|--------------|
| | F_w | D | C | r (最小) | | C_r | C_{0r} | | グリース 潤滑 | 油潤滑 | |
| 5 | 5 | 10 | 10 | 0.2 | NK5/10TN | 2.18 | 1.71 | 0.260 | 31 000 | 47 000 | 0.004 |
| | 5 | 10 | 12 | 0.2 | NK5/12TN | 3.04 | 2.63 | 0.400 | 31 000 | 47 000 | 0.004 |
| 6 | 6 | 12 | 10 | 0.2 | NK6/10 | 3.19 | 2.90 | 0.420 | 29 000 | 44 000 | 0.005 |
| | 6 | 12 | 12 | 0.2 | NK6/12TN | 3.07 | 2.74 | 0.420 | 29 000 | 44 000 | 0.006 |
| 7 | 7 | 14 | 10 | 0.3 | NK7/10TN | 2.74 | 2.44 | 0.370 | 28 000 | 42 000 | 0.007 |
| | 7 | 14 | 12 | 0.3 | NK7/12TN | 3.40 | 3.22 | 0.490 | 28 000 | 42 000 | 0.009 |
| 8 | 8 | 15 | 12 | 0.3 | NK8/12 | 4.57 | 4.89 | 0.740 | 26 000 | 41 000 | 0.011 |
| | 8 | 15 | 12 | 0.3 | NK8/12ASR1 | 4.57 | 4.89 | 0.740 | 26 000 | 41 000 | 0.011 |
| | 8 | 15 | 16 | 0.3 | NK8/16 | 5.22 | 5.78 | 0.880 | 26 000 | 41 000 | 0.013 |
| 9 | 9 | 16 | 12 | 0.3 | NK9/12 | 4.27 | 4.60 | 0.700 | 26 000 | 40 000 | 0.012 |
| | 9 | 16 | 16 | 0.3 | NK9/16 | 5.57 | 6.47 | 0.980 | 26 000 | 40 000 | 0.015 |
| 10 | 10 | 17 | 12 | 0.3 | NK10/12 | 5.40 | 6.43 | 0.980 | 25 000 | 39 000 | 0.013 |
| | 10 | 17 | 16 | 0.3 | NK10/16TN | 5.30 | 6.27 | 0.940 | 25 000 | 39 000 | 0.015 |
| 12 | 12 | 19 | 12 | 0.3 | NK12/12 | 6.86 | 7.60 | 1.15 | 19 000 | 30 000 | 0.013 |
| | 12 | 19 | 16 | 0.3 | NK12/16 | 6.78 | 9.03 | 1.40 | 24 000 | 37 000 | 0.018 |
| 14 | 14 | 22 | 13 | 0.3 | RNA4900 | 9.39 | 10.3 | 1.55 | 16 000 | 24 000 | 0.018 |
| | 14 | 22 | 16 | 0.3 | NK14/16 | 12.4 | 14.8 | 2.25 | 16 000 | 24 000 | 0.023 |
| | 14 | 22 | 20 | 0.3 | NK14/20 | 14.7 | 18.4 | 2.90 | 16 000 | 24 000 | 0.028 |
| 15 | 15 | 23 | 16 | 0.3 | NK15/16 | 12.4 | 15.0 | 2.30 | 15 000 | 24 000 | 0.024 |
| | 15 | 23 | 20 | 0.3 | NK15/20 | 14.7 | 18.6 | 2.95 | 15 000 | 24 000 | 0.031 |
| 16 | 16 | 24 | 13 | 0.3 | RNA4901 | 10.5 | 12.3 | 1.85 | 18 000 | 28 000 | 0.020 |
| | 16 | 24 | 16 | 0.3 | NK16/16 | 15.4 | 20.2 | 2.50 | 18 000 | 28 000 | 0.025 |
| | 16 | 24 | 20 | 0.3 | NK16/20 | 16.1 | 21.3 | 3.20 | 18 000 | 28 000 | 0.036 |
| | 16 | 24 | 22 | 0.3 | RNA6901 | 16.1 | 21.3 | 3.30 | 18 000 | 28 000 | 0.036 |
| 17 | 17 | 25 | 16 | 0.3 | NK17/16 | 13.6 | 17.5 | 2.70 | 17 000 | 27 000 | 0.027 |