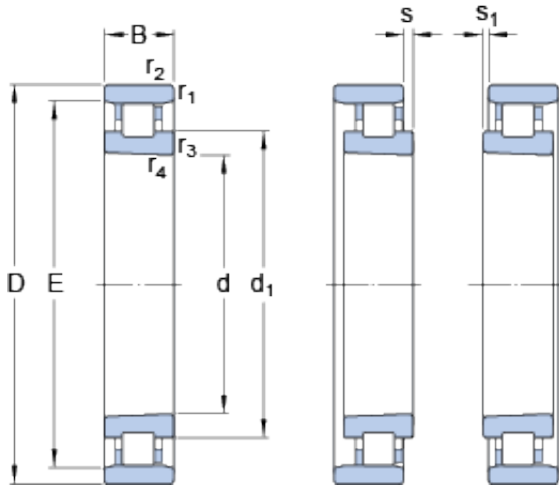




Off-the-shelf SKF shaft Co., Ltd



90 mm x 140 mm x 24 mm SKF N 1018 KTNHA/SP TAC series for ball screw support

Bearing No. N 1018 KTNHA/SP

N 1018 KTNHA/SP Bearing 2D drawings and 3D CAD models

Size	90x140x24 mm
Bore Diameter	90 mm
Outer Diameter	140 mm
Width	24 mm
d	90 mm
D	140 mm
B	24 mm
d ₁	109.4 mm
E	127 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1 mm
s	3 mm
s ₁	1 mm
d _a - min.	98 mm
D _a - min.	129 mm
D _a - max.	132 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	76.5 kN
Basic static load rating - C ₀	104 kN
Fatigue load limit - P _u	12.5 kN
Limiting speed for grease lubrication	10000 r/min
Limiting speed for oil lubrication	14000 mm/min
G _{ref}	13.5 cm



Off-the-shelf SKF shaft Co., Ltd

Static radial stiffness (guideline value)	940 N/micron
d_1	109.4 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
s max.	3 mm
s_1 max.	1 mm
d_a min.	98 mm
D_a min.	129 mm
D_a max.	132 mm
r_a max.	1.5 mm
Basic dynamic load rating C	76.5 kN
Basic static load rating C_0	104 kN
Fatigue load limit P_u	12.5 kN
Attainable speed for grease lubrication	10000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Reference grease quantity G_{ref}	13.5 cm ³
Mass bearing	1.19 kg