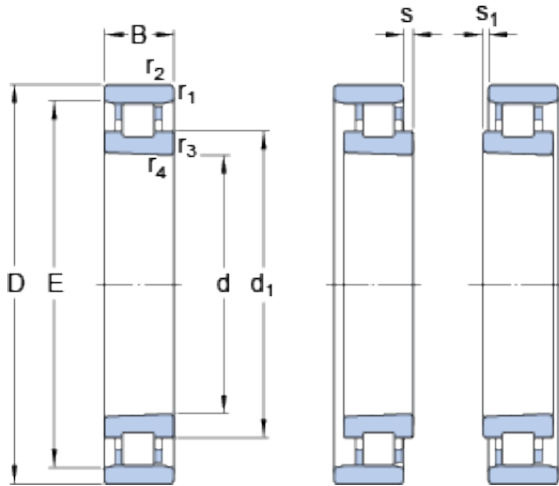




Off-the-shelf SKF shaft Co., Ltd



95 mm x 145 mm x 24 mm SKF N 1019 KTNHA/SP TAB High Durability Ball Screw Support Bearing

Bearing No. N 1019 KTNHA/SP

N 1019 KTNHA/SP Bearing 2D drawings and 3D CAD models

Size	95x145x24 mm
Bore Diameter	95 mm
Outer Diameter	145 mm
Width	24 mm
d	95 mm
D	145 mm
B	24 mm
d ₁	114.4 mm
E	132 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1 mm
s	3 mm
s ₁	1 mm
d _a - min.	103 mm
D _a - min.	134 mm
D _a - max.	137 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	80.9 kN
Basic static load rating - C ₀	112 kN
Fatigue load limit - P _u	13.4 kN
Limiting speed for grease lubrication	10000 r/min
Limiting speed for oil lubrication	14000 mm/min



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G_{ref}	13.9 cm
Static radial stiffness (guideline value)	1020 N/micron
d_1	114.4 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.	103 mm
D_a min.	134 mm
D_a max.	137 mm
r_a max.	1.5 mm
Basic dynamic load rating C	80.9 kN
Basic static load rating C_0	112 kN
Fatigue load limit P_u	13.4 kN
Attainable speed for grease lubrication	10000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Reference grease quantity G_{ref}	13.9 cm ³
Mass bearing	1.25 kg