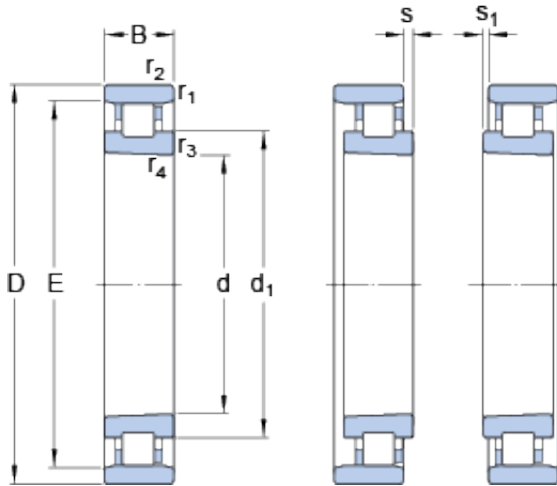




# PRECISION BEARING CORP



## 95 mm x 145 mm x 24 mm SKF N 1019 KTNHA/SP cylindrical roller bearings

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 <sub>1</sub>	114.4 mm
E	132 mm
r <sub>1,2</sub> - min.	1.5 mm
r <sub>3,4</sub> - min.	1 mm
s	3 mm
s <sub>1</sub>	1 mm
d <sub>a</sub> - min.	103 mm
D <sub>a</sub> - min.	134 mm
D <sub>a</sub> - max.	137 mm
r <sub>a</sub> - max.	1.5 mm
Basic dynamic load rating - C	80.9 kN
Basic static load rating - C <sub>0</sub>	112 kN
Fatigue load limit - P <sub>u</sub>	13.4 kN
Limiting speed for grease lubrication	10000 r/min
Limiting speed for oil lubrication	14000 mm/min
G <sub>ref</sub>	13.9 cm



## PRECISION BEARING CORP

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 <sup>3</sup>
Mass bearing	1.25 kg