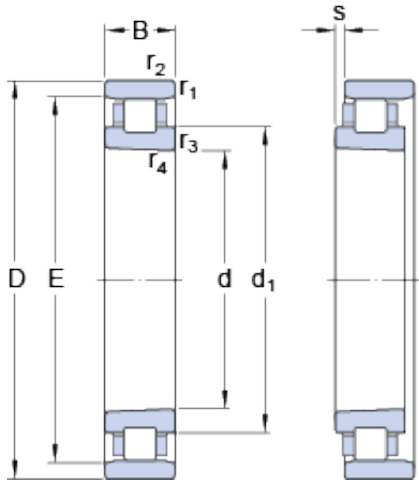




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N 1020 KTN9/HC5SP Bearing 2D drawings and 3D CAD models

100 mm x 150 mm x 24 mm SKF N 1020 KTN9/HC5SP Four-Point Contact Ball Bearings

Bearing No. N 1020 KTN9/HC5SP

Size	100x150x24 mm
Bore Diameter	100 mm
Outer Diameter	150 mm
Width	24 mm
d	100 mm
D	150 mm
B	24 mm
d ₁	119.4 mm
E	137 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1 mm
s	3 mm
d _a - min.	108 mm
D _a - min.	139 mm
D _a - max.	142 mm
r _a - max.	1.5 mm
d _n	135.3 mm
Basic dynamic load rating - C	88 kN
Basic static load rating - C ₀	125 kN
Fatigue load limit - P _u	14.6 kN
Limiting speed for grease lubrication	7500 r/min
Limiting speed for oil lubrication	8500 mm/min
G _{ref}	13 cm



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Static radial stiffness (guideline value)	1540 N/micron
d_1	119.4 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
s max.	3 mm
d_a min.	108 mm
D_a min.	139 mm
D_a max.	142 mm
r_a max.	1.5 mm
d_n	135.3 mm
Basic dynamic load rating C	88 kN
Basic static load rating C_0	125 kN
Fatigue load limit P_u	14.6 kN
Attainable speed for grease lubrication	7500 r/min
Attainable speed for oil-air lubrication	8500 r/min
Reference grease quantity G_{ref}	13 cm ³
Mass bearing	1.17 kg