



REXROTH BEARINGS DEVELOPMENT LTD

55 mm x 90 mm x 18 mm SKF N 1011 KTN/SP
cylindrical roller bearings

Bearing No. N 1011 KTN/SP

Size	55x90x18 mm
Bore Diameter	55 mm
Outer Diameter	90 mm
Width	18 mm
d	55 mm
D	90 mm
B	18 mm
d ₁	68.2 mm
E	81 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
s	2.5 mm
d _a - min.	61.5 mm
D _a - min.	82 mm
D _a - max.	83.5 mm
r _a - max.	1 mm
d _n	79.8 mm
Basic dynamic load rating - C	40.2 kN
Basic static load rating - C ₀	48 kN
Fatigue load limit - P _u	5.7 kN
Limiting speed for grease lubrication	12000 r/min
Limiting speed for oil lubrication	13000 mm/min
G _{ref}	4.4 cm

N 1011 KTN/SP Bearing 2D drawings and 3D CAD models



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Static radial stiffness (guideline value)	620 N/micron
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	31171547
Weight / Kilogram	0
EAN	7316571550619
Product Group	B04270
d_1	68.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2.5 mm
d_a min.	61.5 mm
D_a min.	82 mm
D_a max.	83.5 mm
r_a max.	1 mm
d_n	79.8 mm
Basic dynamic load rating C	40.2 kN
Basic static load rating C_0	48 kN
Fatigue load limit P_u	5.7 kN
Attainable speed for grease lubrication	12000 r/min
Attainable speed for oil-air lubrication	13000 r/min
Reference grease quantity G_{ref}	4.4 cm ³
Mass bearing	0.39 kg