



110 mm x 170 mm x 45 mm skf NN 3022 TN9/SP Super-precision cylindrical roller bearings

Bearing No. NN 3022 TN9/SP

NN 3022 TN9/SP Bearing 2D drawings and 3D CAD models

Size	110x170x45 mm
Bore Diameter	110 mm
Outer Diameter	170 mm
Width	45 mm
d	110 mm
D	170 mm
B	45 mm
d ₁	132.6 mm
E	155 mm
r _{1,2} - min.	2 mm
r _{1,2} - min.	2 mm
s	3 mm
d _a - min.	120 mm
D _a - min.	157 mm
D _a - max.	160 mm
r _a - max.	2 mm
r _a - max.	2 mm
d _n	153 mm
Basic dynamic load rating - C	220 kN
Basic static load rating - C ₀	360 kN
Fatigue load limit - P _u	41.5 kN
Limiting speed for grease lubrication	5000 r/min
Limiting speed for oil lubrication	5600 mm/min



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G_{ref}	20.2 cm
Static radial stiffness (guideline value)	2470 N/micron
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
d_1	132.6 mm
$r_{1,2}$ min.	2 mm
s max.	3 mm
d_a min.	120 mm
D_a min.	157 mm
D_a max.	160 mm
r_a max.	2 mm
d_n	153 mm
Basic dynamic load rating C	220 kN
Basic static load rating C_0	360 kN
Fatigue load limit P_u	41.5 kN
Attainable speed for grease lubrication	5000 r/min
Attainable speed for oil-air lubrication	5600 r/min
Reference grease quantity G_{ref}	20.2 cm ³
Mass bearing	3.4 kg