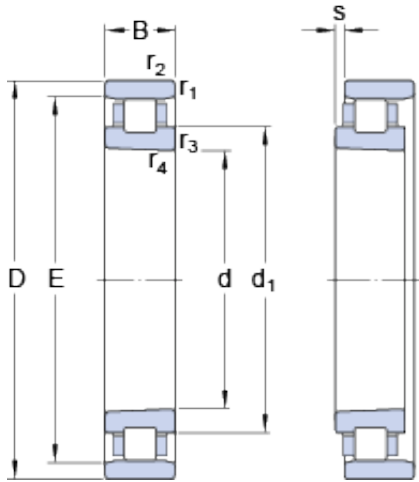




LWB BEARING PRODUCTION CO., LTD.



60 mm x 95 mm x 18 mm SKF N 1012 KTN/HC5SP cylindrical roller bearings

Bearing No. N 1012 KTN/HC5SP

N 1012 KTN/HC5SP Bearing 2D drawings and 3D CAD models

Size	60x95x18 mm
Bore Diameter	60 mm
Outer Diameter	95 mm
Width	18 mm
d	60 mm
D	95 mm
B	18 mm
d ₁	73.3 mm
E	86.1 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
s	2.5 mm
d _a - min.	66.5 mm
D _a - min.	87 mm
D _a - max.	88.5 mm
r _a - max.	1 mm
d _n	85 mm
Basic dynamic load rating - C	42.9 kN
Basic static load rating - C ₀	53 kN
Fatigue load limit - P _u	6.3 kN
Limiting speed for grease lubrication	12000 r/min
Limiting speed for oil lubrication	14000 mm/min
G _{ref}	4.7 cm



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Static radial stiffness (guideline value)	890 N/micron
d_1	73.3 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	2.5 mm
d_a min.	66.5 mm
D_a min.	87 mm
D_a max.	88.5 mm
r_a max.	1 mm
d_n	85 mm
Basic dynamic load rating C	42.9 kN
Basic static load rating C_0	53 kN
Fatigue load limit P_u	6.3 kN
Attainable speed for grease lubrication	12000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Reference grease quantity G_{ref}	4.7 cm ³
Mass bearing	0.37 kg