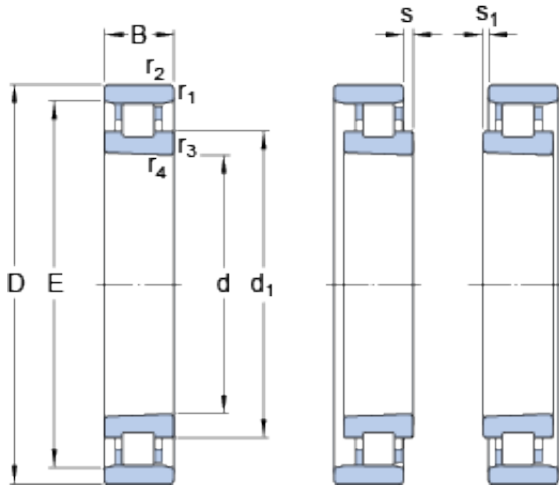




IFB Roller Industry Co.,Ltd



SKF N 1017 KTNHA/HC5SP cylindrical roller bearings

Bearing No. N 1017 KTNHA/HC5SP

N 1017 KTNHA/HC5SP Bearing 2D drawings and 3D CAD models

Size	85x130x22 mm
Bore Diameter	85 mm
Outer Diameter	130 mm
Width	22 mm
d	85 mm
D	130 mm
B	22 mm
d ₁	102 mm
E	118 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
s	3 mm
s ₁	1 mm
d _a - min.	91.5 mm
D _a - min.	119 mm
D _a - max.	123.5 mm
r _a - max.	1 mm
Basic dynamic load rating - C	70.4 kN
Basic static load rating - C ₀	98 kN
Fatigue load limit - P _u	11.2 kN
Limiting speed for grease lubrication	13000 r/min
Limiting speed for oil lubrication	17000 mm/min
G _{ref}	10.2 cm



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Static radial stiffness (guideline value)	1230 N/micron
d_1	102 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	3 mm
s_1 max.	1 mm
d_a min.	91.5 mm
D_a min.	119 mm
D_a max.	123.5 mm
r_a max.	1 mm
Basic dynamic load rating C	70.4 kN
Basic static load rating C_0	98 kN
Fatigue load limit P_u	11.2 kN
Attainable speed for grease lubrication	13000 r/min
Attainable speed for oil-air lubrication	17000 r/min
Reference grease quantity G_{ref}	10.2 cm ³
Mass bearing	0.79 kg