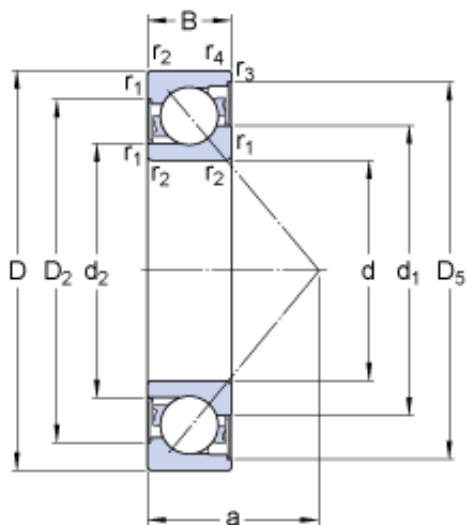




NACHI BEARINGS TRAINING INDUSTRY



15 mm x 42 mm x 13 mm SKF 7302 BE-2RZP
angular contact ball bearings

Bearing No. 7302 BE-2RZP

7302 BE-2RZP Bearing 2D drawings and 3D CAD models

Size	42x15x13 mm
Bore Diameter	42 mm
Outer Diameter	15 mm
Width	13 mm
d	15 mm
D	42 mm
B	13 mm
d ₁	26 mm
d ₂	20.73 mm
D ₂	33.8 mm
D ₅	38.55 mm
a	18.6 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
d _a - min.	21 mm
d _a - max.	25.5 mm
D _a - max.	36 mm
D _b - max.	38 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	13 kN
Basic static load rating - C ₀	6.7 kN
Fatigue load limit - P _u	0.28 kN
Reference speed	20000 r/min



NACHI BEARINGS TRAINING INDUSTRY

Limiting speed	20000 r/min
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
d_1	26 mm
d_2	20.73 mm
D_2	33.8 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
d_a min.	21 mm
d_a max.	25.5 mm
D_a max.	36 mm
D_b max.	38 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	13 kN
Basic static load rating C_0	6.7 kN
Fatigue load limit P_u	0.28 kN
Calculation factor A	0.000907
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26



NACHI BEARINGS TRAINING INDUSTRY

Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Standard grease	GXN
Mass bearing	0.082 kg