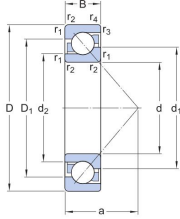


7310 BECBJ Single Row Angular Contact Ball Bearing



Type	Angular Contact Ball Bearing
Same Size:	7310 BEGBP 7310 BEGAF 7310 BECAM 7310 BEGAY
d Bore diameter	50 mm
D Outside diameter	110 mm
B Width	27 mm
d1 Shoulder diameter of inner ring (large side face)	≈73.8 mm
d2 Shoulder diameter of inner ring (small side face)	≈61.13 mm
D1 Shoulder diameter of outer ring (large side face)	≈88.8 mm
a Distance side face to pressure point	47 mm
r1.2 Chamfer dimension	min.2 mm
r3.4 Chamfer dimension	min.1 mm
da Diameter of shaft abutment	min.61 mm
Da Abutment diameter housing	max.99 mm
Db Diameter of housing abutment	max.104 mm
ra Radius of fillet	max.2 mm
rb Radius of fillet	max.1 mm
Basic dynamic load rating	75 kN
Basic static load rating	51 kN
Fatigue load limit	2.16 kN
Reference speed	7 500 r/min
Limiting speed	8 000 r/min
Minimum axial load factor	0.0418
Minimum radial load factor	0.1
Limiting value	1.14
Calculation factor (back-to-back, face-to-face)	0.57
Calculation factor (back-to-back, face-to-face)	0.52
Calculation factor (back-to-back, face-to-face)	0.55
Calculation factor (back-to-back, face-to-face)	0.93
Bearing Cross Reference & Bearing Interchange Guide	
SKF 7310 BECBJ	FAG 7310-B-TVP
Amigo 7310 BECBJ	TIMKEN 7310WN
NACHI 7310	NTN 7310BG