



7212 BECBM

Angular contact ball bearings, single row

Technical Specification



DIMENSIONS

d	60 mm
D	110 mm
B	22 mm
d ₁	"H 79.6 mm
d ₂	"H 69.32 mm
D ₁	"H 91.55 mm
a	46 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1 mm

ABUTMENT DIMENSIONS

d _a	min. 69 mm
D _a	max. 101 mm
D _b	max. 104 mm
r _a	max. 1.5 mm
r _b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	61 kN
Basic static load rating	50 kN
Fatigue load limit	2.12 kN
Reference speed	7000 r/min
Limiting speed	9500 r/min
Calculation factor	0.0344
Calculation factor	0.095
Calculation factor	1.14

SINGLE BEARING OR BEARING PAIR ARRANGED IN TANDEM

Calculation factor	0.35
Calculation factor	0.26
Calculation factor	0.57

BEARING PAIR ARRANGED BACK-TO-BACK OR FACE-TO-FACE

Calculation factor	0.57
Calculation factor	0.52
Calculation factor	0.55
Calculation factor	0.93

MASS

Mass bearing	0.8 kg
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