

# SKF 7314BECBPH angular contact ball bearings

SKF 7314BECBPH angular contact ball bearings Engineering Calculator , 14 mm B Manufacturing Service . Get Your 35 mm d Free.

d	35 mm
D	62 mm
B	14 mm
d1	43.7 mm
d2	41.6 mm
D1	52.25 mm
r1,2 min.	1 mm
r3,4 min.	0.6 mm
a	13.5 mm
da min.	39.6 mm
db min.	39.6 mm
Da max.	57.4 mm
Db max.	57.8 mm
ra max.	1 mm
rb max.	0.6 mm
Basic dynamic load rating C	11.4 kN
Basic static load rating C0	6.55 kN
Fatigue load limit Pu	0.28 kN
Attainable speed for grease lubrication	40000 r/min
Ball diameter Dw	7.144 mm
Number of balls z	17
Reference grease quantity Gref	2.4 cm <sup>3</sup>

Preload class A GA	60 N
Static axial stiffness, preload class A	35 N/ $\mu\text{m}$
Preload class B GB	180 N
Static axial stiffness, preload class B	54 N/ $\mu\text{m}$
Preload class C GC	370 N
Static axial stiffness, preload class C	74 N/ $\mu\text{m}$
Calculation factor f	1.06
Calculation factor f1	1
Calculation factor f2A	1
Calculation factor f2B	1.03
Calculation factor f2C	1.05
Calculation factor fHC	1.01
Calculation factor f $\theta$	7.9
Mass bearing	0.13 kg