

# SNFA HX50 /S/NS 7CE3 angular contact ball bearings

LET 40x62x12 Size (mm) OUR SNFA HX50 /S/NS 7CE3 angular contact ball bearings EXPERTS GET YOU THE 40 Bore Diameter (mm) PARTS YOU NEED.

Size (mm)	40x62x12
Bore Diameter (mm)	40
Outer Diameter (mm)	62
Width (mm)	12
d	40 mm
D	62 mm
B	12 mm
C	12 mm
d1	46.5 mm
d2	44.8 mm
r1 min.	0,6 mm
r2 min.	0,6 mm
r3 min.	0,3 mm
r4 min.	0,3 mm
D1	54.15 mm
D2	56,5 mm
da min.	43.2 mm
Da max.	58.8 mm
db min	42 mm
ra max.	0.6 mm
rb max.	0.3 mm
dh	48 mm

Db max	60 mm
Weight	0,1 Kg
Basic dynamic load rating (C)	9,23 kN
Basic static load rating (C0)	5,85 kN
(Grease) Lubrication Speed	28 000 r/min
(Oil) Lubrication Speed	44 000 r/min
Fatigue load limit (Pu)	0,245
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.126
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7   ISO P4
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	25 Degree
Preload	None
Raceway Style	1 Rib Inner Ring and Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Angular Contact   High Precision   High Speed

Long Description	40MM Bore; 62MM Outside Diameter; 12MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Ball
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	71908 ACE/P4A
Weight / LBS	0.278
Outside Diameter	2.441 Inch   62 Millimeter
Bore	1.575 Inch   40 Millimeter
Width	0.472 Inch   12 Millimeter
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
a	18.6 mm
db min.	42 mm
Db max.	60 mm
dn	48 mm
Basic dynamic load rating C	9.23 kN
Basic static load rating C0	5.85 kN
Fatigue load limit Pu	0.245 kN
Attainable speed for grease lubrication	28000 r/min
Attainable speed for oil-air lubrication	44000 r/min
Ball diameter Dw	6.35 mm

Number of balls z	19
Reference grease quantity Gref	1.4 cm <sup>3</sup>
Preload class A GA	84 N
Static axial stiffness, preload class A	78 N/μm
Preload class B GB	250 N
Static axial stiffness, preload class B	117 N/μm
Preload class C GC	505 N
Static axial stiffness, preload class C	153 N/μm
Calculation factor f	1.05
Calculation factor f1	0.99
Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.07
Calculation factor fHC	1
Calculation factor e	0.68
Calculation factor (single, tandem) Y2	0.87
Calculation factor (single, tandem) Y0	0.38
Calculation factor (single, tandem) X2	0.41
Calculation factor (back-to-back, face-to-face) Y1	0.92
Calculation factor (back-to-back, face-to-face) Y2	1.41
Calculation factor (back-to-back, face-to-face) Y0	0.76

Calculation factor (back-to-back, face-to-face) X2	0.67
Mass bearing	0.1 kg