

SKF S71905 CE/HCP4A angular contact ball bearings

How do you find the SKF S71905 CE/HCP4A angular contact ball bearings specification? Manufacturers Online 42x20x12 Size (mm) Free check

Size (mm)	42x20x12
Bore Diameter (mm)	42
Outer Diameter (mm)	20
Width (mm)	12
d	20 mm
D	42 mm
B	12 mm
d1	26.6 mm
d2	24.8 mm
D1	34.21 mm
r1,2 – min.	0.6 mm
r3,4 – min.	0.3 mm
a	10.2 mm
da – min.	22 mm
db – min.	22 mm
Da – max.	40 mm
Db – max.	39.6 mm
ra – max.	0.6 mm
rb – max.	0.3 mm
dn	28.1 mm
Basic dynamic load rating – C	7.4 kN
Basic static load rating – C0	3.4 kN

Fatigue load limit – Pu	0.143 kN
Limiting speed for grease lubrication	65000 r/min
Limiting speed for oil lubrication	100000 mm/min
Ball – Dw	6.35 mm
Ball – z	12
Gref	1.1 cm ³
Calculation factor – f ₀	7.2
Preload class A – GA	40 N
Preload class B – GB	120 N
Preload class C – GC	235 N
Calculation factor – f	1
Calculation factor – f _{2A}	1
Calculation factor – f _{2B}	1.03
Calculation factor – f _{2C}	1.05
Calculation factor – f _{HC}	1.01
Preload class A	23 N/micron
Preload class B	36 N/micron
Preload class C	49 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7 ISO P4
Material – Ball	Ceramic
Number of Bearings	1 (Single)
Contact Angle	15 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 Speed E Design
Long Description	20MM Bore; 42MM Outside Diameter; 12MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Ceramic Bal
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Ball Angular Contact
Bore	0.787 Inch 20 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Width	0.472 Inch 12 Millimeter
r1,2 min.	0.6 mm
r3,4 min.	0.3 mm
da min.	22 mm
db min.	22 mm
Da max.	40 mm
Db max.	39.6 mm

ra max.	0.6 mm
rb max.	0.3 mm
Basic dynamic load rating C	7.41 kN
Basic static load rating C0	3.35 kN
Fatigue load limit Pu	0.143 kN
Attainable speed for grease lubrication	65000 r/min
Attainable speed for oil-air lubrication	100000 r/min
Ball diameter Dw	6.35 mm
Number of balls z	12
Reference grease quantity Gref	1.1 cm ³
Preload class A GA	40 N
Static axial stiffness, preload class A	23 N/μm
Preload class B GB	120 N
Static axial stiffness, preload class B	36 N/μm
Preload class C GC	235 N
Static axial stiffness, preload class C	49 N/μm
Calculation factor f	1.04
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 f0	7.2
Mass bearing	0.056 kg