

CYSD 7020DB angular contact ball bearings

Our highly-skilled and factory-trained 140x80x33 Size (mm) service experts have the resources to help you with all your CYSD 7020DB angular contact ball bearings needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	140x80x33
Bore Diameter (mm)	140
Outer Diameter (mm)	80
Width (mm)	33
d	80 mm
D	140 mm
B	33 mm
d ₂	94.7 mm
D ₁	124 mm
b	6 mm
K	3 mm
r _{1,2} – min.	2 mm
da – min.	87.2 mm
da – max.	94 mm
Da – max.	129 mm
ra – max.	2 mm
Basic dynamic load rating – C	243 kN
Basic static load rating – C ₀	270 kN
Fatigue load limit – P _u	29 kN
Reference speed	4300 r/min

Limiting speed	6000 r/min
Calculation factor – e	0.22
Calculation factor – Y1	3
Calculation factor – Y2	4.6
Calculation factor – Y0	2.8
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.105
EAN	7316576652561
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH316 (Specify bore)
Withdrawal Nut	KM18
Inch – Metric	Metric
Long Description	80MM Tapered Bore; 140MM Outside Diameter; 33MM Width; C0-Medium Clearance; Adapter Mount; Double Ro

Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Weight / LBS	4.636
Adapter Part Number	SNW16 H316 HA316 HE316 (Specify Bore) Inch H316 (Specify bore) Millimeter
Bore	3.15 Inch 80 Millimeter
Width	1.299 Inch 33 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
bore diameter:	80 mm
maximum rpm:	6000 RPM
outside diameter:	140 mm
operating temperature range:	Maximum of +390 °F
overall width:	33 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	33 mm

lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	236 kN
series:	222
static load capacity:	270 kN
d2 ≈	94.7 mm
D1 ≈	124 mm
r1,2 min.	2 mm
Da max.	129 mm
ra max.	2 mm
Basic dynamic load rating C	243 kN
Basic static load rating C0	270 kN
Fatigue load limit Pu	29 kN
Calculation factor e	0.22
Calculation factor Y1	3
Calculation factor Y2	4.6
Calculation factor Y0	2.8
Mass bearing	2.05 kg
Recommended lock nut tightening angle α	130 °