

# KOYO DG3572W-3RSCS27 deep groove ball bearings

KOYO DG3572W-3RSCS27 deep groove ball bearings, Units 130 Outer Diameter (mm) and Housings CAD models , 180x130x24 Size (mm) Manufacturing Service . Get Your Free.

Size (mm)	180x130x24
Bore Diameter (mm)	180
Outer Diameter (mm)	130
Width (mm)	24
d	130 mm
D	180 mm
B	24 mm
d1	145.4 mm
d2	145.4 mm
D1	164.6 mm
r1,2 – min.	1.5 mm
r3,4 – min.	0.6 mm
a	32.8 mm
da – min.	137 mm
db – min.	137 mm
Da – max.	173 mm
Db – max.	176 mm
ra – max.	1.5 mm
rb – max.	0.6 mm
dn	149.5 mm
Basic dynamic load rating – C	92.3 kN
Basic static load rating – C0	108 kN

Fatigue load limit – Pu	3.6 kN
Limiting speed for grease lubrication	7000 r/min
Limiting speed for oil lubrication	11000 mm/min
Ball – Dw	15.875 mm
Ball – z	27
Gref	20.4 cm <sup>3</sup>
Calculation factor – f <sub>0</sub>	16.4
Preload class A – GA	350 N
Preload class B – GB	700 N
Preload class C – GC	1400 N
Preload class D – GD	2800 N
Calculation factor – f	1
Calculation factor – f <sub>2A</sub>	1
Calculation factor – f <sub>2B</sub>	1.04
Calculation factor – f <sub>2C</sub>	1.09
Calculation factor – f <sub>2D</sub>	1.15
Calculation factor – f <sub>HC</sub>	1
Preload class A	137 N/micron
Preload class B	188 N/micron
Preload class C	266 N/micron
Preload class D	391 N/micron
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.632
EAN	7316570329339
Product Group	B04270
Enclosure	Open

Precision Class	ABEC 7   ISO P4
Material – Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch – Metric	Metric
Other Features	Single Row   Angular Contact   High Precision
Long Description	130MM Bore; 180MM Outside Diameter; 24MM Width; Open Enclosure; ABEC 7   ISO P4 Precision; Steel Bal
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer Item Number	71926 CD/P4A
Weight / LBS	3.594
Outside Diameter	7.087 Inch   180 Millimeter
Width	0.945 Inch   24 Millimeter
Bore	5.118 Inch   130 Millimeter
r1,2 min.	1.5 mm
r3,4 min.	0.6 mm

da min.	137 mm
db min.	137 mm
Da max.	173 mm
Db max.	176 mm
ra max.	1.5 mm
rb max.	0.6 mm
Basic dynamic load rating C	92.3 kN
Basic static load rating C0	108 kN
Fatigue load limit Pu	3.65 kN
Attainable speed for grease lubrication	7000 r/min
Attainable speed for oil-air lubrication	11000 r/min
Ball diameter Dw	15.875 mm
Number of balls z	27
Reference grease quantity Gref	20.4 cm <sup>3</sup>
Preload class A GA	350 N
Static axial stiffness, preload class A	137 N/μm
Preload class B GB	700 N
Static axial stiffness, preload class B	188 N/μm
Preload class C GC	1400 N
Static axial stiffness, preload class C	266 N/μm
Preload class D GD	2800 N
Static axial stiffness, preload class D	391 N/μm
Calculation factor f	1.25
Calculation factor f1	1

Calculation factor f2A	1
Calculation factor f2B	1.04
Calculation factor f2C	1.09
Calculation factor f2D	1.15
Calculation factor fHC	1
Calculation factor f0	16.4
Mass bearing	1.55 kg