SKF W 637/9 R-2Z deep groove ball bearings

SKF W 637/9 R-2Z deep groove ball bearings 72x35x23 Size (mm) Engineering Calculator , Manufacturing Service . Get Your Free.

Size (mm)	72x35x23
Bore Diameter (mm)	72
Outer Diameter (mm)	35
Width (mm)	23
d	35 mm
D	72 mm
B	23 mm
d2	44.5 mm
D1	61.8 mm
b	3.7 mm
K	2 mm
r1,2 – min.	1.1 mm
da – min.	40 mm
da – max.	44 mm
Da – max.	65 mm
ra – max.	1 mm
Basic dynamic load rating – C	88.8 kN
Basic static load rating – C0	83 kN
Fatigue load limit – Pu	9.2 kN
Reference speed	9000 r/min
Limiting speed	12000 r/min
Calculation factor – e	0.31

Calculation factor – Y1	2.2
Calculation factor – Y2	3.3
Calculation factor – Y0	2.2
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.448
EAN	7316572101599
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
Inch – Metric	Metric
Long Description	35MM Tapered Bore; 72MM Outside Diameter; 23MM Width; C0-Medium Clearance; Adapter Mount; Double Row
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	0.986
Outside Diameter	2.835 Inch | 72 Millimeter
Width	0.906 Inch | 23 Millimeter
Bore	1.378 Inch | 35 Millimeter
Adapter Part Number	SNW07 H307 HA307 HE307 HS307 (Specify bore) Inch | H307 (Specify bore) Millimeter
bore diameter:	35 mm
maximum rpm:	12000 RPM
outside diameter:	72 mm
operating temperature range:	Maximum of +390 °F
overall width:	4.3800 in
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	23 mm
dynamic load capacity:	86.5 kN
fillet radius:	1 mm
static load capacity:	85 kN
series:	222
d2 ≈	44.5 mm

D1 ≈	61.8 mm
r1,2 min.	1.1 mm
Da max.	65 mm
ra max.	1 mm
Basic dynamic load rating C	88.8 kN
Basic static load rating C0	85 kN
Fatigue load limit Pu	9.3 kN
Calculation factor e	0.31
Calculation factor Y1	2.2
Calculation factor Y2	3.3
Calculation factor Y0	2.2
Mass bearing	0.44 kg
Recommended lock nut tightening angle α	115 °