

29272 SKF Long Description

360MM Bore 1; 423MM Bore 2;
500MM Outside Diameter; 85MM
Height; Spherical Roller
Bearing; Single Direction;
Self Aligning; Not Banded;
Steel Cage; ABEC 1 | ISO P0;
Roller Assembly plus Raceways
500x360x85mm Thrust roller
bearings

Bearing number	29272
Size (mm)	500x360x85
Brand	SKF
Bore Diameter (mm)	500
Outer Diameter (mm)	360
Width (mm)	85
d	360 mm
D	500 mm
H	85 mm
d ₁	485 mm
D ₁	423 mm
B	25 mm
B ₁	81 mm

C	44 mm
s	195 mm
$r_{1,2}$ – min.	4 mm
d_a – min.	430 mm
D_a – max.	453 mm
r_a – max.	3 mm
Basic dynamic load rating – C	1460 kN
Basic static load rating – C_0	6800 kN
Fatigue load limit – P_u	585 kN
Reference speed	750 r/min
Limiting speed	1200 r/min
Factor min. axial load – A	4.4
Category	Thrust Roller Bearing
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	56.651
EAN	7316570017243
Product Group – BDI	B04311
Rolling Element	Spherical Roller Bearing
Self Aligning	Yes
Component Description	Roller Assembly plus Raceways
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1 ISO P0

Other Features	Single Row
Long Description	360MM Bore 1; 423MM Bore 2; 500MM Outside Diameter; 85MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Steel Cage; ABEC 1 ISO P0; Roller Assembly plus Raceways
Inch – Metric	Metric
Category – BDI	Thrust Roller Bearings
UNSPSC	31171507
Harmonized Tariff Code	8482.30.00.40
Noun	Bearing
Keyword 3	Spherical
Keyword String	Thrust Roller Spherical
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	29272
Weight / LBS	114.64
Bore 1	14.173 Inch 360 Millimeter
Bore 2	16.654 Inch 423 Millimeter
Height	3.346 Inch 85 Millimeter
Overall Height with Aligning Washer	0 Inch 0 Millimeter
Outside Diameter	19.685 Inch 500 Millimeter
$d_1 \approx$	485 mm
$D_1 \approx$	423 mm
B_1	81 mm
$r_{1,2} \text{ min.}$	4 mm
$d_a \text{ min.}$	430 mm
$D_a \text{ max.}$	453 mm

r_a max.	3 mm
Basic dynamic load rating C	1460 kN
Basic static load rating C_0	6800 kN
Fatigue load limit P_u	585 kN
Minimum axial load factor A	4.4
Mass bearing	52 kg