

# 29280 SKF 400x540x42.2mm

## Minimum axial load factor A

### 6.1 Thrust roller bearings

Bearing number	29280
Size (mm)	400x540x42.2
Brand	SKF
Bore Diameter (mm)	400
Outer Diameter (mm)	540
Width (mm)	42.2
d	400 mm
D	540 mm
C	42.2 mm
H	85 mm
d1	526 mm
r1 min.	4 mm
r2 min.	4 mm
s	212 mm
B	53 mm
B1	81 mm
D1	460 mm
da min.	470 mm
Da max.	493 mm
ra max.	3 mm
Weight	55.5 Kg
Basic dynamic load rating (C)	1610 kN

Basic static load rating (C0)	8000 kN
Fatigue load limit (Pu)	695
Reference speed	700 r/min
Limiting speed	1100 r/min
Category	Thrust Roller Bearing
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	66.2
EAN	7316570424652
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	Machined Brass
Precision Class	ABEC 1   ISO P0
Other Features	Single Row
Long Description	400MM Bore 1; 460MM Bore 2; 540MM Outside Diameter; 85MM Height; Spherical Roller Bearing; Single Direction; Self Aligning; Not Banded; Machined Brass 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	29280
Weight / LBS	122.357
Bore 2	18.11 Inch   460 Millimeter
Height	3.346 Inch   85 Millimeter
Outside Diameter	21.26 Inch   540 Millimeter
Bore 1	15.748 Inch   400 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
$d_1 \approx$	526 mm
$D_1 \approx$	460 mm
$B_1$	81 mm
$r_{1,2} \text{ min.}$	4 mm
$d_a \text{ min.}$	470 mm
$D_a \text{ max.}$	493 mm
$r_a \text{ max.}$	3 mm
Basic dynamic load rating C	1610 kN
Basic static load rating $C_0$	8000 kN
Fatigue load limit $P_u$	695 kN
Minimum axial load factor A	6.1
Mass bearing	55.5 kg