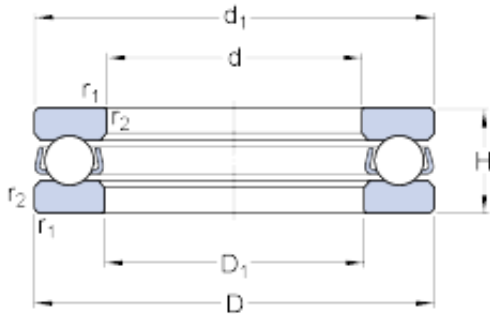




# BEARING ITALIA S.P.A



## skf 51188 F Single direction thrust ball bearings

Bearing No. 51188 F

51188 F Bearing 2D drawings and 3D CAD models

Size	540x440x80 mm
Bore Diameter	540 mm
Outer Diameter	440 mm
Width	80 mm
d	440 mm
D	540 mm
H	80 mm
d <sub>1</sub>	536 mm
D <sub>1</sub>	444 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	499 mm
D <sub>a</sub> - max.	481 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	527 kN
Basic static load rating - C <sub>0</sub>	3250 kN
Fatigue load limit - P <sub>u</sub>	55 kN
Reference speed	600 r/min
Limiting speed	850 r/min
Minimum load factor - A	55
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
Product Group	B00308



## BEARING ITALIA S.P.A

Rolling Element	Ball Bearing
Thrust Bearing	Yes
Single or Double Direction	Single Direction
Banded	No
Cage Material	Steel
Precision Class	ABEC 1   ISO P0
Component Description	Roller Assembly Plus Raceways
Other Features	Single Row   With Flat Seat
Long Description	440MM Bore 1; 444MM Bore 2; 540MM Outside Diameter; 80MM Height; Ball Bearing; Single Direction; Not Banded; Steel Cage; ABEC 1   ISO P0 Precision
Inch - Metric	Metric
Category	Thrust Ball Bearings
UNSPSC	31171552
Harmonized Tariff Code	8482.10.50.08
Noun	Bearing
Keyword String	Ball Thrust
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	92.59415
Bore 1	17.323 Inch   440 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	17.48 Inch   444 Millimeter
Height	3.15 Inch   80 Millimeter
Outside Diameter	21.26 Inch   540 Millimeter
$d_1$	536 mm
$D_1$	444 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	499 mm
$D_a$ max.	481 mm



## BEARING ITALIA S.P.A

$r_a$ max.	2 mm
Basic dynamic load rating C	527 kN
Basic static load rating $C_0$	3250 kN
Fatigue load limit $P_u$	55 kN
Minimum load factor A	55
Mass bearing (including seat washer where applicable)	42 kg