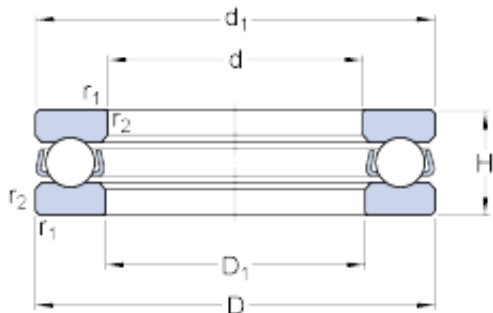




# BEARING ITALIA S.P.A



## skf 51180 F Single direction thrust ball bearings

Bearing No. 51180 F

Size	480x400x65 mm
Bore Diameter	480 mm
Outer Diameter	400 mm
Width	65 mm
d	400 mm
D	480 mm
H	65 mm
d <sub>1</sub>	476 mm
D <sub>1</sub>	404 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	448 mm
D <sub>a</sub> - max.	432 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	403 kN
Basic static load rating - C <sub>0</sub>	2280 kN
Fatigue load limit - P <sub>u</sub>	40.5 kN
Reference speed	700 r/min
Limiting speed	1000 r/min
Minimum load factor - A	27
Category	Thrust Ball Bearing
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	7316577006738

51180 F Bearing 2D drawings and 3D CAD models



## BEARING ITALIA S.P.A

Product Group	B00308
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	400MM Bore 1; 404MM Bore 2; 480MM Outside Diameter; 65MM 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	52.91094
Outside Diameter	18.898 Inch   480 Millimeter
Bore 1	15.748 Inch   400 Millimeter
Height	2.559 Inch   65 Millimeter
Overall Height with Aligning Washer	0 Inch   0 Millimeter
Bore 2	15.906 Inch   404 Millimeter
d <sub>1</sub>	476 mm
D <sub>1</sub>	404 mm
r <sub>1,2</sub> min.	2 mm
d <sub>a</sub> min.	448 mm



## BEARING ITALIA S.P.A

$D_a$ max.	432 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	403 kN
Basic static load rating $C_0$	2280 kN
Fatigue load limit $P_u$	40.5 kN
Minimum load factor A	27
Mass bearing (including seat washer where applicable)	24 kg