



51180 F Bearing 2D drawings and 3D CAD models

SKF 51180 F 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 ₁	476 mm
D ₁	404 mm
r _{1,2} - min.	2 mm
d _a - min.	448 mm
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
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



Shanghai Ruonan-Power Co., Ltd.

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	http://www.skf.com
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 ₁	476 mm
D ₁	404 mm
r _{1,2} min.	2 mm
d _a min.	448 mm



Shanghai Ruonan-Power Co., Ltd.

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