



USK BEARING COMPANY



400 mm x 600 mm x 90 mm skf 6080 M Deep groove ball bearings

Bearing No. 6080 M

6080 M Bearing 2D drawings and 3D CAD models

Size	600x400x90 mm
Bore Diameter	600 mm
Outer Diameter	400 mm
Width	90 mm
d	400 mm
D	600 mm
B	90 mm
d ₁	463.8 mm
D ₁	536.2 mm
r _{1,2} - min.	5 mm
d _a - min.	418 mm
D _a - max.	582 mm
r _a - max.	4 mm
Basic dynamic load rating - C	520 kN
Basic static load rating - C ₀	865 kN
Fatigue load limit - P _u	16.3 kN
Reference speed	2000 r/min
Limiting speed	1700 r/min
Calculation factor - k _r	0.025
Calculation factor - f ₀	16
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	105.75
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Brass
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	400MM Bore; 600MM Outside Diameter; 90MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Brass Cage
Other Features	Deep Groove
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6080 M
Weight / LBS	87.5
Outside Diameter	23.622 Inch 600 Millimeter
Outer Race Width	3.543 Inch 90 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Bore	15.748 Inch 400 Millimeter
d ₁	463.8 mm



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D_1	536.2 mm
$r_{1,2}$ min.	5 mm
d_a min.	418 mm
D_a max.	582 mm
r_a max.	4 mm
Basic dynamic load rating C	520 kN
Basic static load rating C_0	865 kN
Fatigue load limit P_u	16.3 kN
Calculation factor k_r	0.025
Calculation factor f_0	16
Mass bearing	87.5 kg