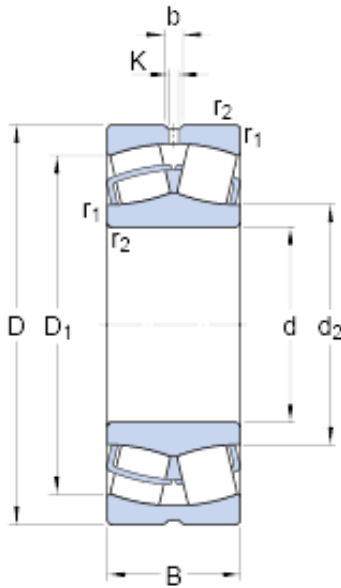




Timken BEARINGS INDUSTRY

440 mm x 600 mm x 118 mm SKF 23988 CC/W33 tapered roller bearings

Bearing No. 23988 CC/W33



23988 CC/W33 Bearing 2D drawings and 3D CAD models

Size	600x440x118 mm
Bore Diameter	600 mm
Outer Diameter	440 mm
Width	118 mm
d	440 mm
D	600 mm
B	118 mm
d ₂	484 mm
D ₁	553 mm
b	16.7 mm
K	9 mm
r _{1,2} - min.	4 mm
d _a - min.	455 mm
D _a - max.	585 mm
r _a - max.	3 mm
Basic dynamic load rating - C	2506 kN
Basic static load rating - C ₀	4900 kN
Fatigue load limit - P _u	345 kN
Reference speed	950 r/min
Limiting speed	1000 r/min
Calculation factor - e	0.16
Calculation factor - Y ₁	4.2
Calculation factor - Y ₂	6.3
Calculation factor - Y ₀	4



Timken BEARINGS INDUSTRY

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	106.1
EAN	7316571876221
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	440MM Straight Bore; 600MM Outside Diameter; 118MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	248.902
Width	4.646 Inch 118 Millimeter



Timken BEARINGS INDUSTRY

Bore	17.323 Inch 440 Millimeter
Outside Diameter	23.622 Inch 600 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	440 mm
maximum rpm:	1000 RPM
outside diameter:	600 mm
operating temperature range:	Maximum of +390 ° F
overall width:	118 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	118 mm
dynamic load capacity:	2450 kN
fillet radius:	3 mm
static load capacity:	4900 kN
series:	239
d_2	484 mm
D_1	553 mm
$r_{1,2}$ min.	4 mm
d_a min.	455 mm
D_a max.	585 mm
r_a max.	3 mm
Basic dynamic load rating C	2506 kN
Basic static load rating C_0	4900 kN



Timken BEARINGS INDUSTRY

Fatigue load limit P_u	345 kN
Calculation factor e	0.16
Calculation factor Y_1	4.2
Calculation factor Y_2	6.3
Calculation factor Y_0	4
Mass bearing	99.5 kg