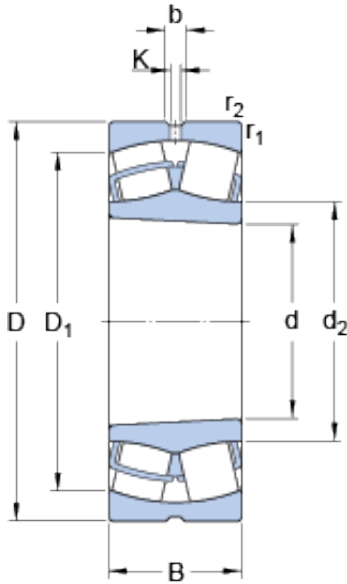




BROWNING BEARING COMPANY

40 mm x 80 mm x 23 mm skf 22208 ek bearing

Bearing No. 22208 ek



22208 ek Bearing 2D drawings and 3D CAD models

Size	80x40x23 mm
Bore Diameter	80 mm
Outer Diameter	40 mm
Width	23 mm
d	40 mm
D	80 mm
B	23 mm
d ₂	49.6 mm
D ₁	69.4 mm
b	6 mm
K	3 mm
r _{1,2} - min.	1.1 mm
d _a - min.	45 mm
d _a - max.	49 mm
D _a - max.	73 mm
r _a - max.	1 mm
Basic dynamic load rating - C	98.5 kN
Basic static load rating - C ₀	91.5 kN
Fatigue load limit - P _u	10 kN
Reference speed	8000 r/min
Limiting speed	11000 r/min
Calculation factor - e	0.28
Calculation factor - Y ₁	2.4
Calculation factor - Y ₂	3.6
Calculation factor - Y ₀	2.5



BROWNING BEARING COMPANY

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.52
EAN	7316576651946
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH308 (Specify bore)
Withdrawal Nut	KM9
Inch - Metric	Metric
Long Description	40MM Tapered Bore; 80MM Outside Diameter; 23MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Num
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing



BROWNING BEARING COMPANY

Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	1.151
Bore	1.575 Inch 40 Millimeter
Width	0.906 Inch 23 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Adapter Part Number	SNW08 H308 HA308 HE308 HS308 (Specify Bore) Inch H308 (Specify bore) Millimeter
bore diameter:	40 mm
maximum rpm:	11000 RPM
outside diameter:	80 mm
operating temperature range:	Maximum of +390 ° F
overall width:	23 mm
cage material:	Steel
bore type:	Tapered 1:12
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:	23 mm
dynamic load capacity:	96.5 kN
fillet radius:	1 mm
static load capacity:	90 kN
series:	222
d ₂	49.6 mm
D ₁	69.4 mm



BROWNING BEARING COMPANY

$r_{1,2}$ min.	1.1 mm
D_a max.	73 mm
r_a max.	1 mm
Basic dynamic load rating C	98.5 kN
Basic static load rating C_0	90 kN
Fatigue load limit P_u	9.8 kN
Calculation factor e	0.28
Calculation factor Y_1	2.4
Calculation factor Y_2	3.6
Calculation factor Y_0	2.5
Mass bearing	0.52 kg
Recommended lock nut tightening angle	115 °