



# BEARINGS(UK)LTD.



45 mm x 85 mm x 30.2 mm skf YET 209 Insert bearings (Y-bearings)

Bearing No. YET 209

YET 209 Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.65
EAN	7316577035226
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Eccentric Collar
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	45MM Bore; Narrow Inner Ring; Ball Bearing; 43.7MM Length Thru Bore; 22MM Outer Race Width; 85MM Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Method; No Snap Ring
Inch - Metric	Metric
Other Features	Single Row   Standard Duty   With Set Screw   Metric
Category	Insert Bearings
UNSPSC	31171536



## BEARINGS(UK)LTD.

Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	YET 209
Weight / LBS	1.43
Outer Race Width	0.866 Inch   22 Millimeter
D	3.346 Inch   85 Millimeter
D	1.72 Inch   43.7 Millimeter
d	1.772 Inch   45 Millimeter
bore diameter:	45 mm
radial dynamic load capacity:	33.2 kN
outside diameter:	85 mm
radial static load capacity:	21.6 kN
outer ring width:	22 mm
bearing material:	Stainless Steel
inner ring width:	43.7 mm
finish/coating:	Black Oxide
bore type:	Round
maximum rpm:	4300 RPM
locking device:	Eccentric Collar
series:	YET2
d	45 mm
D	85 mm
B <sub>1</sub>	43.7 mm
B	30.2 mm
C	22 mm
d <sub>1</sub>	56.8 mm
d <sub>2</sub>	62 mm
B <sub>4</sub>	6.75 mm
r <sub>1,2</sub> min.	1 mm
s <sub>1</sub>	32.7 mm



## BEARINGS(UK)LTD.

Basic dynamic load rating C	33.2 kN
Basic static load rating $C_0$	21.6 kN
Fatigue load limit $P_u$	0.915 kN
Limiting speed <sup>1)</sup>	4300 r/min
Calculation factor $f_0$	14
Mass complete bearing	0.68 kg
Thread grub screw $G_2$	M10x1
Hexagonal key size for grub screw N	5 mm
Recommended tightening torque for grub screw	16.5 N · m