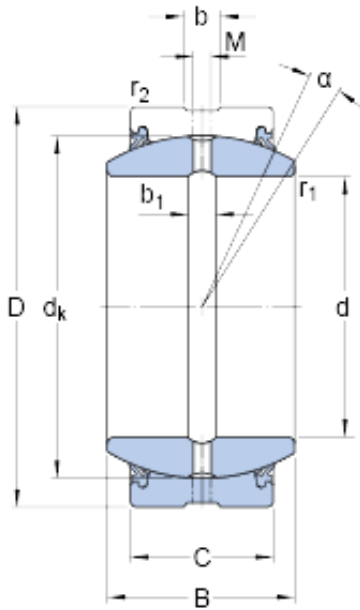




## BEARING-MALAYSIA SDN.BHD.

### 160 mm x 230 mm x 105 mm SKF GE 160 ES-2RS plain bearings

Bearing No. GE 160 ES-2RS



GE 160 ES-2RS Bearing 2D drawings and 3D CAD models

Size	230x160x105 mm
Bore Diameter	230 mm
Outer Diameter	160 mm
Width	105 mm
d	160 mm
D	230 mm
B	105 mm
C	80 mm
	8 °
d <sub>k</sub>	200 mm
b	13.5 mm
b <sub>1</sub>	13.5 mm
M	6 mm
r <sub>1</sub> - min.	1 mm
r <sub>2</sub> - min.	1 mm
d <sub>a</sub> - min.	169.5 mm
d <sub>a</sub> - max.	170 mm
D <sub>a</sub> - min.	197 mm
D <sub>a</sub> - max.	222 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	1370 kN
Basic static load rating - C <sub>0</sub>	6800 kN
Specific factor dynamic load - K	100 N/mm <sup>2</sup>



## BEARING-MALAYSIA SDN.BHD.

Specific factor static load - $K_0$	500 N/mm <sup>2</sup>
Constant - $K_M$	330
Category	Spherical Plain Bearings - Radial
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	14.01
EAN	7316577068934
Product Group	B04264
Self Aligning	Yes
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Not Applicable
Relubricatable	Yes
Enclosure	2 Seals
Other Features	2 Piece   Double Lip Seals   Lubrication Hole and an Annular Groove in Both Rings
Long Description	160MM Bore; 80MM Housing Width; 230MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 105MM Overall Width; Relubricatable
Inch - Metric	Metric
Category	Plain Bearings Spherical Radial
UNSPSC	31171515
Harmonized Tariff Code	8483.30.80.70
Noun	Bearing



## BEARING-MALAYSIA SDN.BHD.

Keyword 3	Spherical
Keyword String	Plain Spherical Radial
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	GE 160 ES-2RS
Weight / LBS	30.865
Bore	6.299 Inch   160 Millimeter
Outside Diameter	9.055 Inch   230 Millimeter
Overall Width	4.134 Inch   105 Millimeter
Housing Width	3.15 Inch   80 Millimeter
bore diameter:	160 mm
inner ring material:	Chrome Steel
outside diameter:	230 mm
outer ring width:	80 mm
misalignment angle:	8 °
overall width:	105 mm
inner ring width:	105 mm
radial static load capacity:	6800 kN
bearing type:	Radial
radial dynamic load capacity:	1370 kN
lubrication type:	Requires Lubrication
operating temperature range:	-30 to +130 ° C ° F
closure type:	Sealed
manufacturer upc number:	7316577068934
outer ring material:	Chrome Steel
Lubricant	Regular relubrication – grease
Design (sliding contact surface combination)	Steel/steel
Sealing solution	Double-lip seals
	8 °
d <sub>k</sub>	200 mm



## BEARING-MALAYSIA SDN.BHD.

$b_1$	13.5 mm
$r_1$ min.	1 mm
$r_2$ min.	1 mm
$d_a$ min.	169.5 mm
$d_a$ max.	170 mm
$D_a$ min.	197 mm
$D_a$ max.	222 mm
$r_a$ max.	1 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	1370 kN
Basic static load rating $C_0$	6800 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Specific static load factor $K_0$	500 N/mm <sup>2</sup>
Material constant $K_M$	330
Mass plain bearing	14 kg