



BEARING-MALAYSIA SDN.BHD.



33216/Q Bearing 2D drawings and 3D CAD models

80 mm x 140 mm x 46 mm SKF 33216/Q
tapered roller bearings

Bearing No. 33216/Q

Size	140x80x46 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	46 mm
d	80 mm
D	140 mm
T	46 mm
d ₁	110.55 mm
B	46 mm
C	35 mm
r _{1,2} - min.	2.5 mm
r _{3,4} - min.	2 mm
a	34.677 mm
d _a - max.	89 mm
d _b - min.	90 mm
D _a - min.	119 mm
D _a - max.	130 mm
D _b - min.	135 mm
C _a - min.	7 mm
C _b - min.	11 mm
r _a - max.	2.5 mm
r _b - max.	2 mm
Basic dynamic load rating - C	251 kN
Basic static load rating - C ₀	375 kN



BEARING-MALAYSIA SDN.BHD.

Fatigue load limit - P_u	41.5 kN
Reference speed	3200 r/min
Limiting speed	4500 r/min
Calculation factor - e	0.43
Calculation factor - Y	1.4
Calculation factor - Y_0	0.8
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.959
Product Group	B04334
bore diameter:	80 mm
operating temperature range:	Maximum of +250 ° F
cup width:	35 mm
dynamic load capacity:	251 kN
assembly type:	Cone & Cup
static load capacity:	375 kN
outside diameter:	140 mm
finish/coating:	Uncoated
cone width:	46 mm
maximum rpm:	4500 RPM
closure type:	Open
series:	332
cage material:	Steel
flange type:	Non-Flanged Cup