



Bearing No. 361207 R

R	400 mm
d	35 mm
B	17 mm
D	80 mm
Category	Ball Bearings
Size (mm)	35x80x17
Inventory	0.0
Width (mm)	17
maximum rpm:	4500 RPM
d_1	46.9 mm
D_1	62.7 mm
Product Group	B00308
closure type:	Sealed
roller shape:	Crowned
roller width:	17 mm
bore diameter:	35 mm
Limiting speed	4500 r/min
standards met:	ANSI/ABMA Standard 18.1
Bearing number	361207 R
finish/coating:	Uncoated
Mass cam roller	0.42 kg
roller material:	Chrome Steel
roller diameter:	80 mm
bearing element:	Balls - One Row
Weight / Kilogram	0.429
Manufacturer Name	SKF
Bore Diameter (mm)	35
Outer Diameter (mm)	80
Minimum Buy Quantity	N/A

$r_{1,2}$ min.	1.1 mm
D_1 ?	62.7 mm
d_1 ?	46.9 mm
lubrication hole location:	None
Basic dynamic load rating C	22.1 kN
axial static load capacity:	2650 lbf
operating temperature range:	Maximum of +250 °F
axial dynamic load capacity:	4970 lbf
radial static load capacity:	4050 lbf
Basic dynamic load rating - C	22.1 kN
radial dynamic load capacity:	2860 lbf
Fatigue load limit P_u	0.5 kN
Calculation factor f_0	13.8
Fatigue load limit - P_u	0.5 kN
Calculation factor - f_0	13.8
Basic static load rating C_0	11.8 kN
Basic static load rating - C_0	11.8 kN
Maximum dynamic radial loads - F_r	max. 12.9 kN
Maximum static radial loads - F_{0r}	max. 18.3 kN
Maximum dynamic radial load F_r max.	12.9 kN
Maximum static radial load F_{0r} max.	18.3 kN