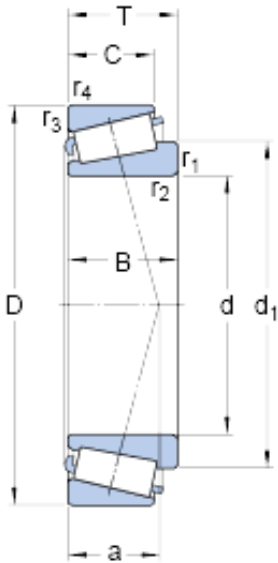




# AMERICAN BEARING MFG.CORP.

21.43 mm x 50.005 mm x 18.288 mm SKF M  
12649/610/Q tapered roller bearings

Bearing No. M 12649/610/Q



M 12649/610/Q Bearing 2D drawings and 3D CAD models

Size	50.005x21.43x17.526 mm
Bore Diameter	50,005 mm
Outer Diameter	21,43 mm
Width	17,526 mm
d	21.43 mm
D	50.005 mm
T	17.526 mm
d <sub>1</sub>	34.3 mm
B	18.288 mm
C	13.97 mm
r <sub>1,2</sub> - min.	1.3 mm
r <sub>3,4</sub> - min.	1.3 mm
a	11 mm
d <sub>a</sub> - max.	28 mm
d <sub>b</sub> - min.	28 mm
D <sub>a</sub> - min.	43 mm
D <sub>a</sub> - max.	43.5 mm
D <sub>b</sub> - min.	46 mm
C <sub>a</sub> - min.	3 mm
C <sub>b</sub> - min.	3.5 mm
r <sub>a</sub> - max.	1.3 mm
r <sub>b</sub> - max.	1.3 mm
Basic dynamic load rating - C	36.9 kN
Basic static load rating - C <sub>0</sub>	38 kN



## AMERICAN BEARING MFG.CORP.

Fatigue load limit - $P_u$	4.2 kN
Reference speed	16000 r/min
Limiting speed	16000 r/min
Calculation factor - e	0.28
Calculation factor - Y	2.1
Calculation factor - $Y_0$	1.1
Category	Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.168
Product Group	B04334