



# TRAY BEARING-MALAYSIA SDN.BHD.



50 mm x 90 mm x 20 mm SKF 6210 M deep groove ball bearings

Bearing No. 6210 M

6210 M Bearing 2D drawings and 3D CAD models

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
d <sub>1</sub>	62.51 mm
D <sub>2</sub>	81.61 mm
d <sub>a</sub> - min.	57 mm
D <sub>a</sub> - max.	83 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	37.1 kN
Basic static load rating - C <sub>0</sub>	23.2 kN
Fatigue load limit - P <sub>u</sub>	0.98 kN
Reference speed	15000 r/min
Limiting speed	14000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	14.4
d <sub>1</sub>	62.51 mm
D <sub>2</sub>	81.61 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	57 mm
D <sub>a</sub> max.	83 mm



## TRAY BEARING-MALAYSIA SDN.BHD.

$r_a$ max.	1 mm
Basic dynamic load rating C	37.1 kN
Basic static load rating $C_0$	23.2 kN
Fatigue load limit $P_u$	0.98 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	14.4
Mass bearing	0.52 kg