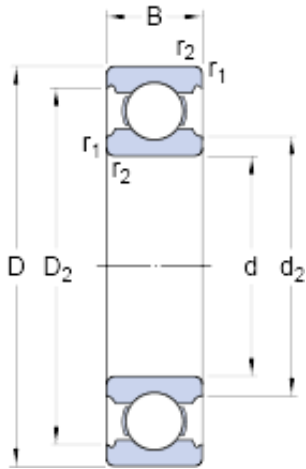




# BEARING INDUSTRIA CUSCINETTI S.P.A.



W 6210 Bearing 2D drawings and 3D CAD models

50 mm x 90 mm x 20 mm skf W 6210 Deep groove ball bearings

Bearing No. W 6210

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>2</sub>	60 mm
D <sub>2</sub>	82.15 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	56.5 mm
D <sub>a</sub> - max.	83.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	30.2 kN
Basic static load rating - C <sub>0</sub>	23.2 kN
Fatigue load limit - P <sub>u</sub>	0.98 kN
Reference speed	17000 r/min
Limiting speed	10000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	14.4
d <sub>2</sub>	60 mm
D <sub>2</sub>	82.15 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	55 mm



## BEARING INDUSTRIA CUSCINETTI S.P.A.

$D_a$ max.	83.5 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	30.2 kN
Basic static load rating $C_0$	23.2 kN
Fatigue load limit $P_u$	0.98 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	14.4
Mass bearing	0.43 kg