

FAG

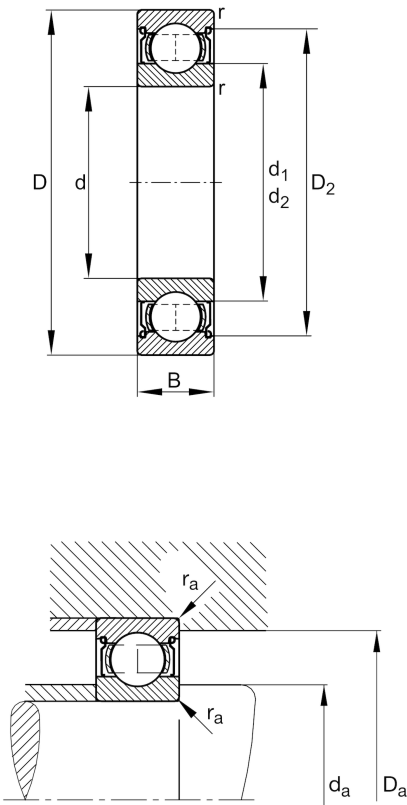
6008-2Z

Deep groove ball bearing

Schaeffler ID:
0167175460000

Deep groove ball bearing 60...2Z, single row, shields, steel sheet metal cage

Technical information



Dimensions

r_{min}	1 mm	Minimum chamfer dimension
D_2	61.6 mm	Caliber diameter outer ring
d_1	49.3 mm	Shoulder diameter inner ring
	0.189 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	68 mm	Outside diameter
B	15 mm	Width
C_r	17,800 N	Basic dynamic load rating, radial
C_{0r}	11,500 N	Basic static load rating, radial
C_{ur}	600 N	Fatigue load limit, radial
n_G	12,400 1/min	Limiting speed
n_{gr}	10,600 1/min	Reference speed

Mounting dimensions

$d_{a min}$	44.6 mm	Minimum diameter shaft shoulder
$D_{a max}$	63.4 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	15.2	Calculation factor
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Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.