

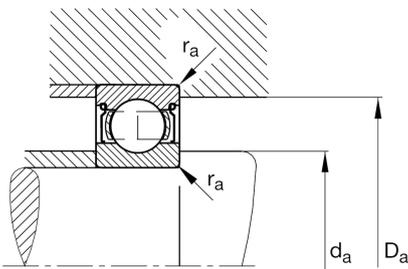
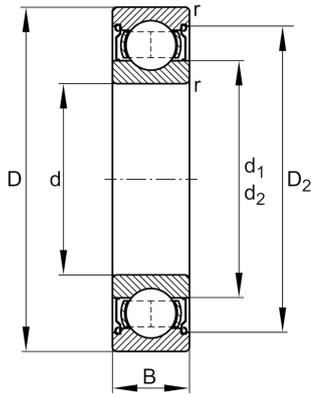
FAG

6010-2Z

Deep groove ball bearing

Schaeffler ID:
0167176940000Deep groove ball bearing 60...-2Z, single
row, shields, steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	1 mm	Minimum chamfer dimension
D_2	72.9 mm	Caliber diameter outer ring
d_1	59.8 mm	Shoulder diameter inner ring
	0.262 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	80 mm	Outside diameter
B	16 mm	Width
C_r	22,000 N	Basic dynamic load rating, radial
C_{0r}	15,800 N	Basic static load rating, radial
C_{ur}	800 N	Fatigue load limit, radial
n_G	10,400 1/min	Limiting speed
n_{gr}	8,900 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	54.6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	75.4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	15.6	Calculation factor
-------	------	--------------------

Temperature range

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