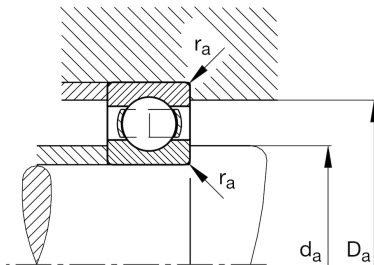
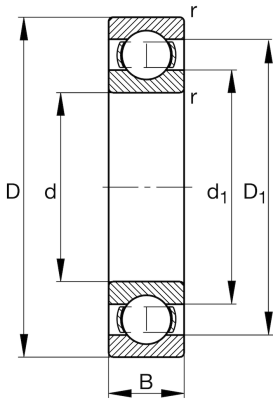
**FAG****6308**

Deep groove ball bearing

Schaeffler ID:
0167233760000Deep groove ball bearing 63, single row,
steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
r_{\min}	1,5 mm	Minimum chamfer dimension
C_r	45.500 N	Basic dynamic load rating, radial
C_{0r}	25.000 N	Basic static load rating, radial
C_{ur}	1.690 N	Fatigue load limit, radial
n_G	10.800 1/min	Limiting speed
n_{gr}	9.000 1/min	Reference speed
	0,611 kg	Weight

Dimensions

D_1	74,6 mm	Shoulder diameter outer ring
d_1	55,6 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a \min}$	49 mm	Minimum diameter shaft shoulder
$D_{a \max}$	81 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

Calculation factors

f_0	13	Calculation factor
-------	----	--------------------

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.