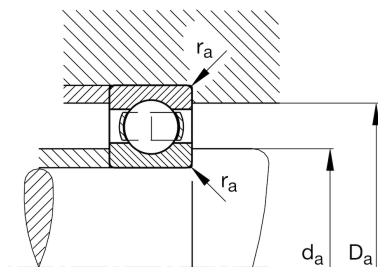
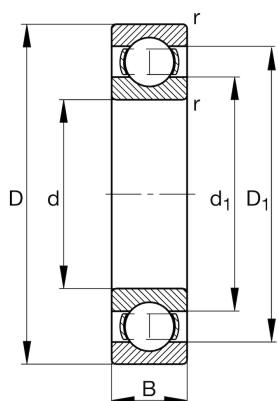


**FAG****6308-H**

Deep groove ball bearing

Schaeffler ID:
0938687150000Deep groove ball bearing 63..-H, single
row, H-Series, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	90 mm	Outside diameter
B	23 mm	Width
C_r	40.760 N	Basic dynamic load rating, radial
C_{0r}	24.010 N	Basic static load rating, radial
C_{ur}	1.440 N	Fatigue load limit, radial
n_G	10.800 1/min	Limiting speed
n_{gr}	8.900 1/min	Reference speed
	0,64 kg	{Weight}

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

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	76,1 mm	Shoulder diameter outer ring
d_1	54,9 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f_0	13,2	Calculation factor
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