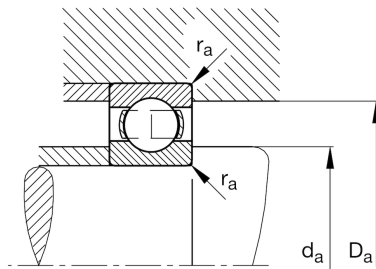
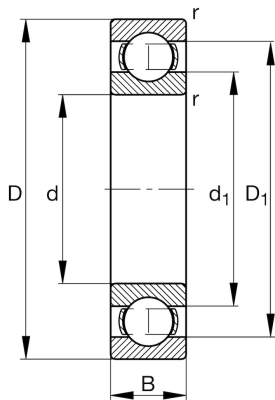


**FAG****6305-H**

Deep groove ball bearing

Schaeffler ID:
0938685370000Deep groove ball bearing 63.-H, single
row, H-Series, steel sheet metal cage

Technical information

**Main Dimensions & Performance Data**

d	25,00 mm	Bore diameter
D	62,00 mm	Outside diameter
B	17,00 mm	Width
C_r	22.410,00 N	Basic dynamic load rating, radial
C_{0r}	11.510,00 N	Basic static load rating, radial
C_{ur}	710,00 N	Fatigue load limit, radial
n_G	16.100,00 1/min	Limiting speed
n_{gr}	12.300,00 1/min	Reference speed
	0,23 kg	Weight

Mounting dimensions

$d_{a \min}$	32,00 mm	Minimum diameter shaft shoulder
$D_{a \max}$	55,00 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,10 mm	Maximum fillet radius

Dimensions

r_{\min}	1,10 mm	Minimum chamfer dimension
D_1	51,00 mm	Shoulder diameter outer ring
d_2	36,00 mm	Caliber diameter inner ring

Temperature range

T_{\min}	-30,00 °C	Operating temperature min.
T_{\max}	120,00 °C	Operating temperature max.

Calculation factors

f_0	12,40	Calculation factor
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