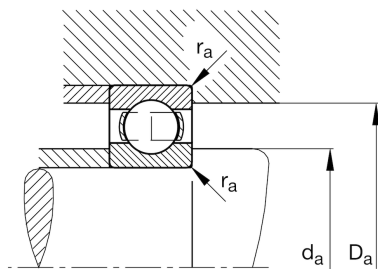
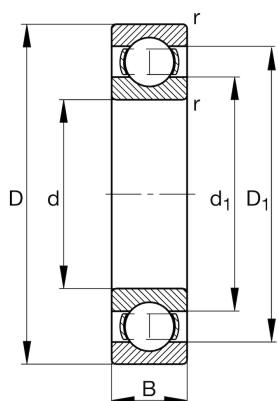


**FAG****6317**

Deep groove ball bearing

Schaeffler ID:
0167242320000Deep groove ball bearing 63, single row,
steel sheet metal cage

Technical information

**Dimensions**

r_{\min}	3 mm	Minimum chamfer dimension
D_1	151,6 mm	Shoulder diameter outer ring
d_1	114,4 mm	Shoulder diameter inner ring
	4,25 kg	Weight

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	180 mm	Outside diameter
B	41 mm	Width
C_r	141.000 N	Basic dynamic load rating, radial
C_{0r}	97.000 N	Basic static load rating, radial
C_{ur}	6.000 N	Fatigue load limit, radial
n_G	5.000 1/min	Limiting speed
n_{gr}	5.300 1/min	Reference speed

Mounting dimensions

$d_{a\min}$	99 mm	Minimum diameter shaft shoulder
$D_{a\max}$	166 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,5 mm	Maximum fillet radius

Calculation factors

f_0	13,3	Calculation factor
-------	------	--------------------

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.