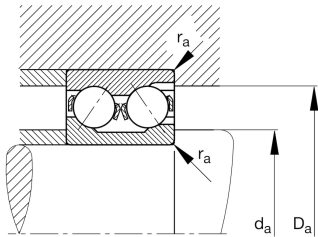
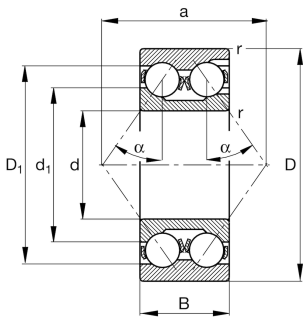
**FAG****3317-M-C3**

Angular contact ball bearing

Angular contact ball bearing 33...-M, double row, with filling slot, solid brass cage

Schaeffler ID:
0167139230030

Technical information



Your current product variant

Design variant	FN	Bearing with filling slot
Sealing	Without	Not sealed
Cage	M	Solid brass cage, ball guided
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Axial internal clearance	C3	Group 3 (C3), bigger than CN

Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	180 mm	Outside diameter
B	73 mm	Width
C _r	229.000 N	Basic dynamic load rating, radial
C _{0r}	255.000 N	Basic static load rating, radial
C _{ur}	11.400 N	Fatigue load limit, radial
n _G	5.000 1/min	Limiting speed
n _{gr}	3.600 1/min	Reference speed
m	8,41 kg	Weight



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

Dimensions

r min	3 mm	Minimum chamfer dimension
D 1	159,98 mm	Shoulder diameter outer ring
d 1	119,6 mm	Shoulder diameter inner ring
a	131,5 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

T min	-30 °C	Operating temperature min.
T max	150 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed