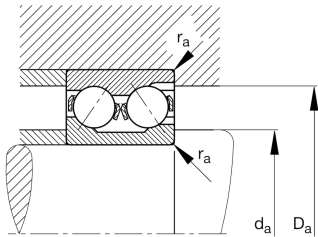
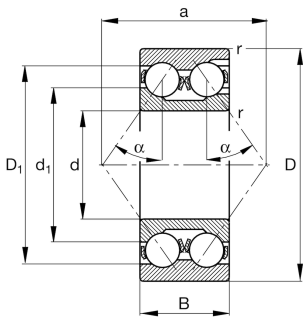
**FAG****3218** [🔗](#)

Angular contact ball bearing

Angular contact ball bearing 32, double row,
with filling slot, steel sheet metal cageSchaeffler ID:
0167124630000

Technical information



Your current product variant

Design variant	FN	Bearing with filling slot
Sealing	Without	Not sealed
Cage	J	Steel sheet metal
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	90 mm	Bore diameter
D	160 mm	Outside diameter
B	52,4 mm	Width
C _r	143.000 N	Basic dynamic load rating, radial
C _{0r}	172.000 N	Basic static load rating, radial
C _{ur}	8.000 N	Fatigue load limit, radial
n _G	4.350 1/min	Limiting speed
n _{gr}	4.550 1/min	Reference speed
m	4,08 kg	Weight



Mounting dimensions

d a min	104 mm	Minimum diameter shaft shoulder
D a max	146 mm	Maximum diameter of housing shoulder
r a max	2 mm	Maximum fillet radius

Dimensions

r min	2 mm	Minimum chamfer dimension
D 1	143,7 mm	Shoulder diameter outer ring
d 1	115,6 mm	Shoulder diameter inner ring
a	112,5 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