

FAG

★ 3218

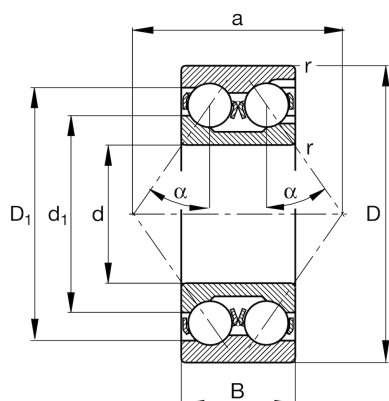
Angular contact ball bearing

Schaeffler ID:
0167124630000

Angular contact ball bearing 32, double row, with filling slot, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	4,08 kg	Weight

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

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

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

