

FAG

★ 3315

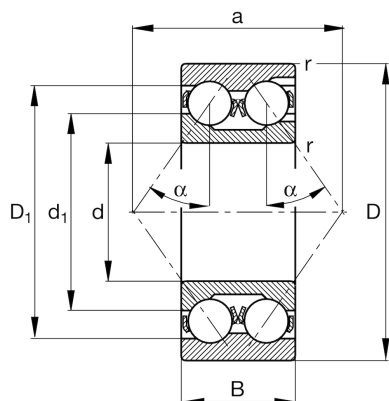
Angular contact ball bearing

Schaeffler ID:  
0167138930000

Angular contact ball bearing 33, 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.
	6,16 kg	Weight

## Main Dimensions &amp; Performance Data

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	68,3 mm	Width
$C_r$	192.000 N	Basic dynamic load rating, radial
$C_{0r}$	209.000 N	Basic static load rating, radial
$C_{ur}$	10.000 N	Fatigue load limit, radial
$n_G$	4.400 1/min	Limiting speed
$n_{gr}$	4.250 1/min	Reference speed

## Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
$D_1$	141,2 mm	Shoulder diameter outer ring
$d_1$	105,5 mm	Shoulder diameter inner ring
a	116,6 mm	Distance between the apexes of the pressure cones
$\alpha$	35 °	Contact angle

## Mounting dimensions

$d_{a\min}$	87 mm	Minimum diameter shaft shoulder
$D_{a\max}$	148 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2,1 mm	Maximum fillet radius

