



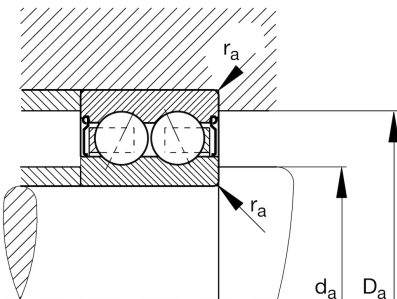
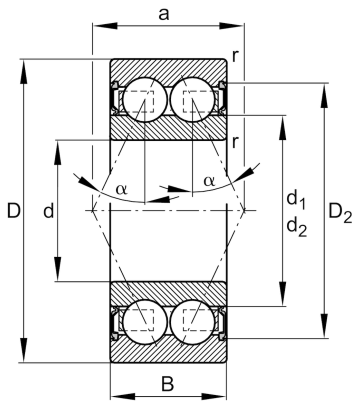
3008-2RS

Angular contact ball bearing

Schaeffler ID:
0008759700000

Angular contact ball bearing 30..-B-2RS-TVH, double row, seals, plastic cage

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	68 mm	Outside diameter
B	21 mm	Width
C_r	25.000 N	Basic dynamic load rating, radial
C_{0r}	21.300 N	Basic static load rating, radial
C_{ur}	1.110 N	Fatigue load limit, radial
n_G	5.600 1/min	Limiting speed
$\approx m$	0,25 kg	Weight

Mounting dimensions

$d_{a \min}$	44,6 mm	Minimum diameter shaft shoulder
$D_{a \max}$	63,4 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum fillet radius

Dimensions

r_{\min}	1 mm	Minimum chamfer dimension
D_2	61,2 mm	Caliber diameter outer ring
d_2	46,7 mm	Caliber diameter inner ring
a	33,4 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	100 °C	Operating temperature max.