



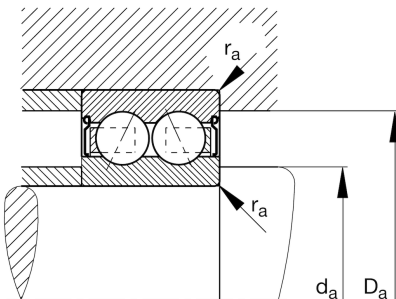
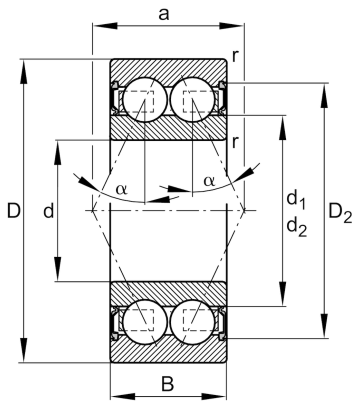
## 3809-2RS

Angular contact ball bearing

Schaeffler ID:  
0009931070000

Angular contact ball bearing 38..-B-2RS-TVH, double row, seals, plastic cage

### Technical information



### Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	58 mm	Outside diameter
B	10 mm	Width
$C_r$	7.000 N	Basic dynamic load rating, radial
$C_{0r}$	8.100 N	Basic static load rating, radial
$C_{ur}$	465 N	Fatigue load limit, radial
$n_G$	5.500 1/min	Limiting speed
	0,058 kg	{Weight}

### Mounting dimensions

$d_{a \min}$	47 mm	Minimum diameter shaft shoulder
$D_{a \max}$	56 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius

### Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
$D_2$	54,6 mm	Caliber diameter outer ring
$d_2$	48,1 mm	Caliber diameter inner ring
a	27,5 mm	Distance between the apexes of the pressure cones
$\alpha$	25 °	Contact angle

### Temperature range

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