



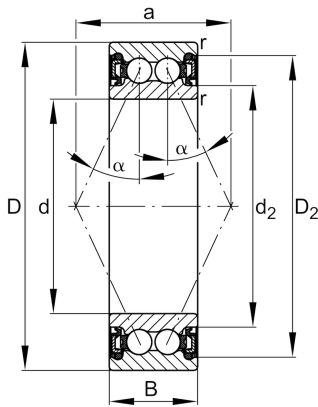
## 3804-2Z

Angular contact ball bearing

Schaeffler ID:  
0009834890000

Angular contact ball bearing 38..-B-2RZ-TVH, double row, shields, plastic cage

### Technical information



### Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	32 mm	Outside diameter
B	10 mm	Width
$C_r$	5.600 N	Basic dynamic load rating, radial
$C_{0r}$	4.750 N	Basic static load rating, radial
$C_{ur}$	247 N	Fatigue load limit, radial
$n_G$	17.400 1/min	Limiting speed
$n_{gr}$	11.800 1/min	Reference speed
$\approx m$	0,016 kg	Weight

### Mounting dimensions

$d_{a \min}$	22 mm	Minimum diameter shaft shoulder
$D_{a \max}$	30 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius

### Dimensions

$r_{\min}$	0,3 mm	Minimum chamfer dimension
$D_2$	30,1 mm	Caliber diameter outer ring
$d_2$	23,9 mm	Caliber diameter inner ring
a	16,1 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.

