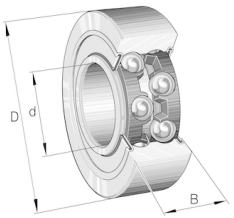
SCHAEFFLER



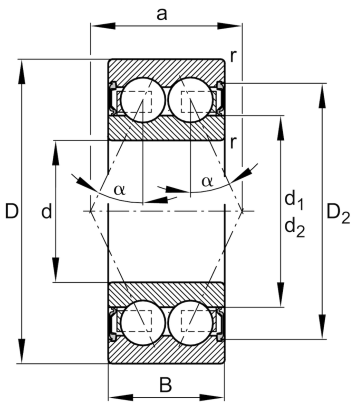
3800-2RS

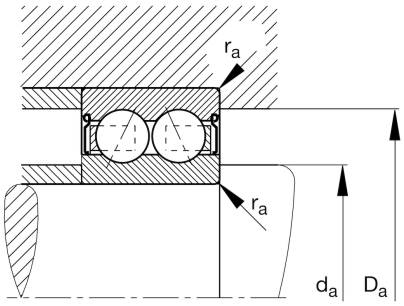
Angular contact ball bearing

Schaeffler ID:
0009954360000

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

Technical information





Main Dimensions & Performance Data

d	10 mm	Bore diameter
D	19 mm	Outside diameter
B	7 mm	Width
C_r	2,080 N	Basic dynamic load rating, radial
C_{0r}	1,370 N	Basic static load rating, radial
C_{ur}	72 N	Fatigue load limit, radial
n_G	21,100 1/min	Limiting speed
	0.009 kg	Weight

Dimensions

r_{min}	0.3 mm	Minimum chamfer dimension
D_2	16.7 mm	Caliber diameter outer ring
d_2	12.2 mm	Caliber diamter inner ring
a	9 mm	Distance between the apexes of the pressure cones
α	25 °	Contact angle

Mounting dimensions

$d_{a\ min}$	12 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	17 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0.3 mm	Maximum fillet radius

Temperature range

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

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.