

FAG

QJ304-XL-TVP

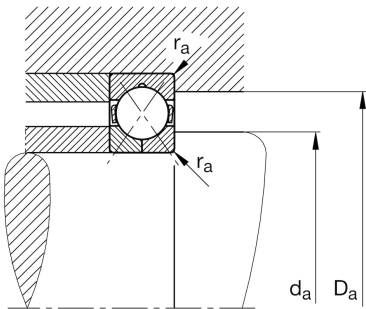
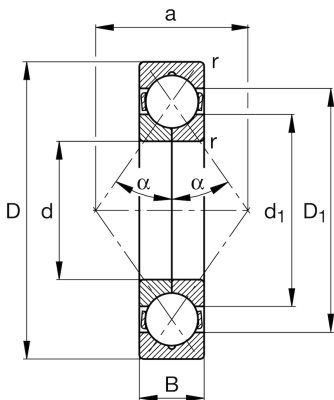
Four-point contact bearing

Schaeffler ID:
\${ctx.productData.sapMaterialNumber}

Four point contact bearing QJ3..-XL-TVP,
X-life, plastic cage

X-life

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	31.000 N	Basic dynamic load rating, radial
C _{0r}	19.600 N	Basic static load rating, radial
C _{ur}	1.360 N	Fatigue load limit, radial
n _G	19.000 1/min	Limiting speed
n _{gr}	10.700 1/min	Reference speed
	0,16 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	41,4 mm	Shoulder diameter outer ring
d ₁	30,6 mm	Shoulder diameter inner ring
a	26 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Mounting dimensions

d _{a min}	27 mm	Minimum diameter shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.