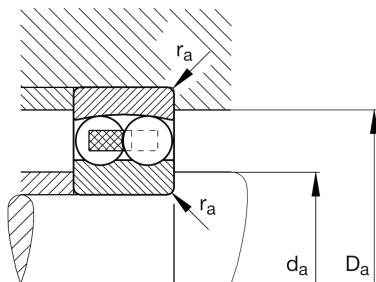
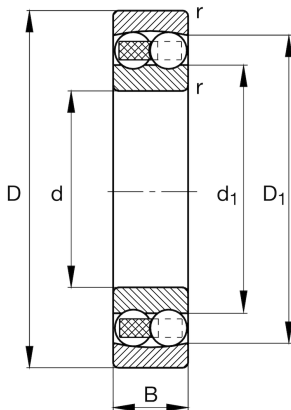
**FAG****2204-TVH**

Self-aligning ball bearing

Schaeffler ID:
0167027000000

Self-aligning ball bearing 22..-TVH, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	20 mm	Bore diameter
D	47 mm	Outside diameter
B	18 mm	Width
r _{min}	1 mm	Minimum chamfer dimension
C _r	14.700 N	Basic dynamic load rating, radial
C _{0r}	3.550 N	Basic static load rating, radial
C _{ur}	225 N	Fatigue load limit, radial
n _G	16.300 1/min	Limiting speed
n _{gr}	15.600 1/min	Reference speed
	0,133 kg	Weight

Dimensions

D ₁	39,1 mm	Shoulder diameter outer ring
d ₁	28 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	25,6 mm	Minimum diameter shaft shoulder
D _{a max}	41,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

e	0,44	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,45	Dynamic axial load factor
Y ₂	2,24	Dynamic axial load factor
Y ₀	1,51	Static axial load factor

Temperature range

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