

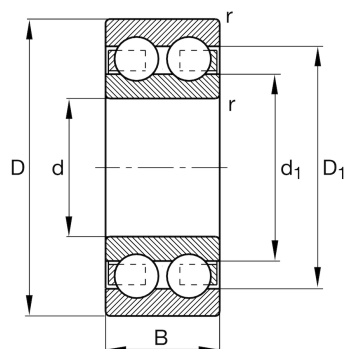
FAG

4311-B-TVH

Deep groove ball bearing

Schaeffler ID:
0167145120000Deep groove ball bearings 43..-B, main
dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	43 mm	Width
r_{\min}	2 mm	Minimum chamfer dimension
C_r	111.000 N	Basic dynamic load rating, radial
C_{0r}	90.000 N	Basic static load rating, radial
C_{ur}	5.600 N	Fatigue load limit, radial
n_G	4.350 1/min	Limiting speed
n_{gr}	4.650 1/min	Reference speed
	2,06 kg	Weight

Dimensions

D_1	105,3 mm	Shoulder diameter outer ring
d_1	80,4 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	66 mm	Minimum diameter shaft shoulder
$D_{a\max}$	109 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum fillet radius

Temperature range

T_{\min}	-20 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.

Calculation factors

f_0	13,8	Calculation factor
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