

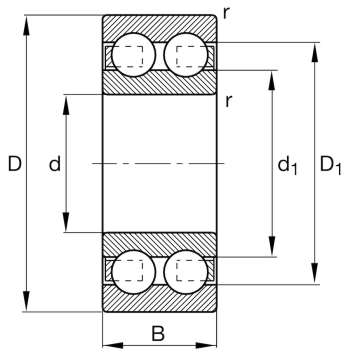
FAG

4211-B-TVH

Deep groove ball bearing

Schaeffler ID:
0167144070000Deep groove ball bearing 42...-B-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	55 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C_r	43,000 N	Basic dynamic load rating, radial
C_{0r}	42,500 N	Basic static load rating, radial
C_{ur}	2,200 N	Fatigue load limit, radial
n_G	5,700 1/min	Limiting speed
n_{gr}	5,900 1/min	Reference speed
	0.813 kg	Weight

Dimensions

r_{min}	1.5 mm	Minimum chamfer dimension
D_1	84.7 mm	Shoulder diameter outer ring
d_1	71.4 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	64 mm	Minimum diameter shaft shoulder
$D_{a max}$	91 mm	Maximum diameter of housing shoulder
$r_{a max}$	1.5 mm	Maximum fillet radius

Calculation factors

f_0	15.4	Calculation factor
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Temperature range

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

