

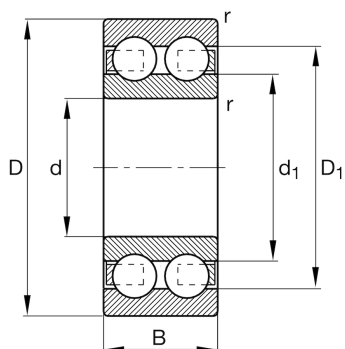
FAG

4206-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219434600000Deep groove ball bearings 42..-BB-TVH,
main dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	20 mm	Width
r_{\min}	1 mm	Minimum chamfer dimension
C_r	29.000 N	Basic dynamic load rating, radial
C_{0r}	21.600 N	Basic static load rating, radial
C_{ur}	1.130 N	Fatigue load limit, radial
n_G	9.400 1/min	Limiting speed
n_{gr}	9.600 1/min	Reference speed
	0,28 kg	Weight

Dimensions

D_1	51,8 mm	Shoulder diameter outer ring
d_1	39,9 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	35,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	56,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum fillet radius

Temperature range

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

Calculation factors

f_0	14,2	Calculation factor
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