

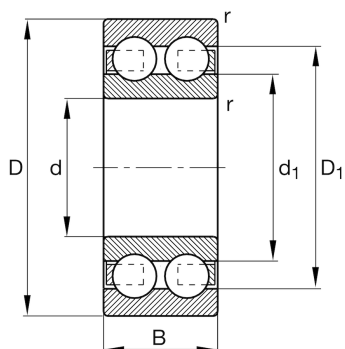
FAG

4306-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219434270000Deep groove ball bearings 43..-BB, main
dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

d	30 mm	Bore diameter
D	72 mm	Outside diameter
B	27 mm	Width
r_{\min}	1,1 mm	Minimum chamfer dimension
C_r	44.000 N	Basic dynamic load rating, radial
C_{0r}	30.000 N	Basic static load rating, radial
C_{ur}	1.570 N	Fatigue load limit, radial
n_G	8.000 1/min	Limiting speed
n_{gr}	7.500 1/min	Reference speed
	0,495 kg	Weight

Dimensions

D_1	59,4 mm	Shoulder diameter outer ring
d_1	42,6 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	37 mm	Minimum diameter shaft shoulder
$D_{a\max}$	65 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	13	Calculation factor
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