

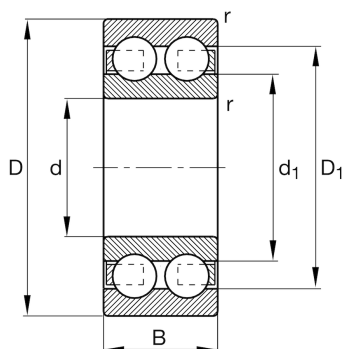
FAG

4302-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0209379890000Deep groove ball bearings 43..-BB, main
dimensions to DIN 625-3, double row

Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	42 mm	Outside diameter
B	17 mm	Width
r_{\min}	0,6 mm	Minimum chamfer dimension
C_r	15.600 N	Basic dynamic load rating, radial
C_{0r}	9.500 N	Basic static load rating, radial
C_{ur}	495 N	Fatigue load limit, radial
n_G	14.900 1/min	Limiting speed
n_{gr}	11.600 1/min	Reference speed
	0,125 kg	Weight

Dimensions

D_1	32,9 mm	Shoulder diameter outer ring
d_1	23,8 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	20,6 mm	Minimum diameter shaft shoulder
$D_{a\max}$	36,4 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,6 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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