

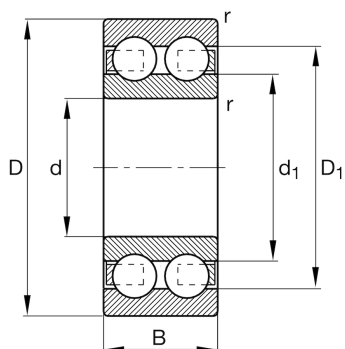
FAG

**4202-BB-TVH**

Deep groove ball bearing

Schaeffler ID:  
0219415130000Deep groove ball bearings 42..-BB-TVH,  
main dimensions to DIN 625-3, double row

## Technical information

**Main Dimensions & Performance Data**

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	14 mm	Width
$r_{\min}$	0,6 mm	Minimum chamfer dimension
$C_r$	12.400 N	Basic dynamic load rating, radial
$C_{0r}$	7.400 N	Basic static load rating, radial
$C_{ur}$	385 N	Fatigue load limit, radial
$n_G$	17.100 1/min	Limiting speed
$n_{gr}$	16.400 1/min	Reference speed
	0,068 kg	Weight

**Dimensions**

$D_1$	28,8 mm	Shoulder diameter outer ring
$d_1$	21,4 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a\min}$	19,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	30,8 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**

$f_0$	13,1	Calculation factor
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