

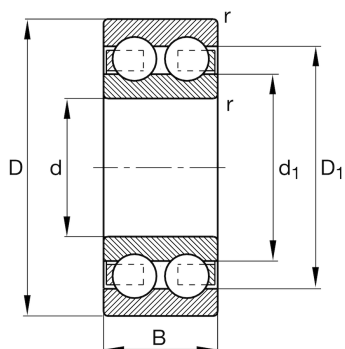
FAG

**4303-BB-TVH**

Deep groove ball bearing

Schaeffler ID:  
0219415300000Deep groove ball bearing 43..-BB-TVH,  
double row, plastic cage

## Technical information

**Main Dimensions & Performance Data**

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	19 mm	Width
$C_r$	20.900 N	Basic dynamic load rating, radial
$C_{0r}$	13.200 N	Basic static load rating, radial
$C_{ur}$	690 N	Fatigue load limit, radial
$n_G$	12.500 1/min	Limiting speed
$n_{gr}$	9.800 1/min	Reference speed
	0,178 kg	Weight

**Dimensions**

$r_{min}$	1 mm	Minimum chamfer dimension
$D_1$	38,5 mm	Shoulder diameter outer ring
$d_1$	28,4 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a min}$	22,6 mm	Minimum diameter shaft shoulder
$D_{a max}$	41,4 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	13,1	Calculation factor
-------	------	--------------------

**Temperature range**

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

