

FAG

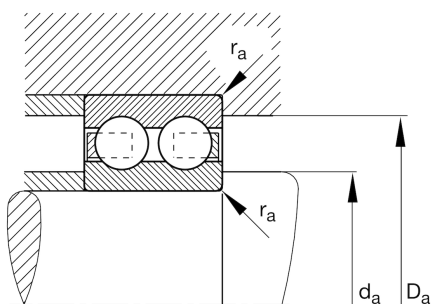
## ★ 4204-BB-TVH

Deep groove ball bearing

Schaeffler ID:  
0219094400000Deep groove ball bearing 42...BB-TVH,  
double row, plastic cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	0,14 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	20 mm	Bore diameter
$D$	47 mm	Outside diameter
$B$	18 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
$n_{gr}$	13.300 1/min	Reference speed

## 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

$d_{a\min}$	25,6 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
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