

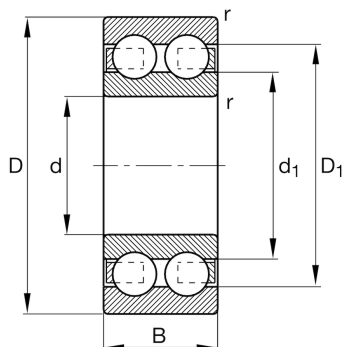
FAG

4207-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219434780000Deep groove ball bearing 42...BB-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	23 mm	Width
C_r	39,500 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	7,900 1/min	Limiting speed
n_{gr}	8,700 1/min	Reference speed
	0.4 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
D_1	60.4 mm	Shoulder diameter outer ring
d_1	46.3 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	42 mm	Minimum diameter shaft shoulder
$D_{a max}$	65 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	14.1	Calculation factor
-------	------	--------------------

Temperature range

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

