

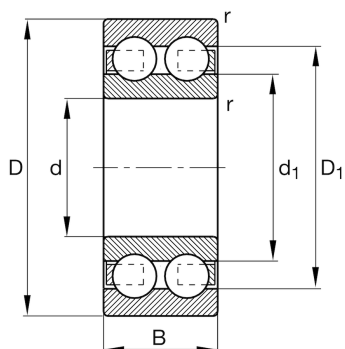
FAG

4305-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219434190000Deep groove ball bearing 43..-BB-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	62 mm	Outside diameter
B	24 mm	Width
C_r	34,500 N	Basic dynamic load rating, radial
C_{0r}	22,900 N	Basic static load rating, radial
C_{ur}	1,190 N	Fatigue load limit, radial
n_G	9,400 1/min	Limiting speed
n_{gr}	8,500 1/min	Reference speed
	0.342 kg	Weight

Dimensions

r_{min}	1.1 mm	Minimum chamfer dimension
D_1	49.9 mm	Shoulder diameter outer ring
d_1	37 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	32 mm	Minimum diameter shaft shoulder
$D_{a max}$	55 mm	Maximum diameter of housing shoulder
$r_{a max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	13	Calculation factor
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Temperature range

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

