

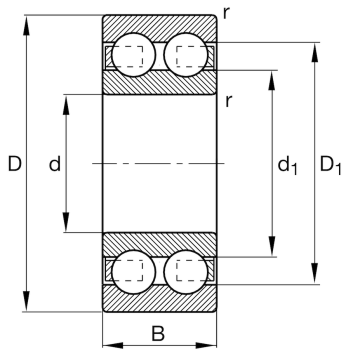
FAG

4312-B-TVH

Deep groove ball bearing

Schaeffler ID:
0190585940000Deep groove ball bearing 43..-B-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	46 mm	Width
C_r	128.000 N	Basic dynamic load rating, radial
C_{0r}	106.000 N	Basic static load rating, radial
C_{ur}	6.400 N	Fatigue load limit, radial
n_G	3.950 1/min	Limiting speed
n_{gr}	4.350 1/min	Reference speed
	2,559 kg	Weight

Mounting dimensions

$d_{a \min}$	72 mm	Minimum diameter shaft shoulder
$D_{a \max}$	118 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	113,8 mm	Shoulder diameter outer ring
d_1	87,7 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

f_0	13,8	Calculation factor
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