

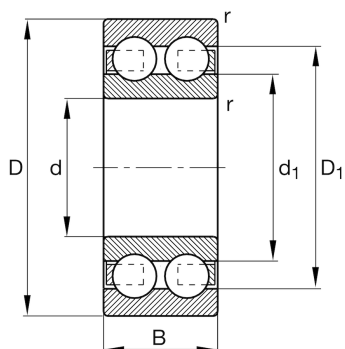
FAG

4314-B-TVH

Deep groove ball bearing

Schaeffler ID:
0167145390000Deep groove ball bearing 43..-B-TVH,
double row, plastic cage

Technical information

**Main Dimensions & Performance Data**

d	70 mm	Bore diameter
D	150 mm	Outside diameter
B	51 mm	Width
C_r	156.000 N	Basic dynamic load rating, radial
C_{0r}	131.000 N	Basic static load rating, radial
C_{ur}	7.900 N	Fatigue load limit, radial
n_G	3.550 1/min	Limiting speed
n_{gr}	4.200 1/min	Reference speed
	3,99 kg	Weight

Dimensions

r_{min}	2,1 mm	Minimum chamfer dimension
D_1	127,1 mm	Shoulder diameter outer ring
d_1	97,3 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	82 mm	Minimum diameter shaft shoulder
$D_{a max}$	138 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,1 mm	Maximum fillet radius

Calculation factors

f_0	13,7	Calculation factor
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Temperature range

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

