

FAG

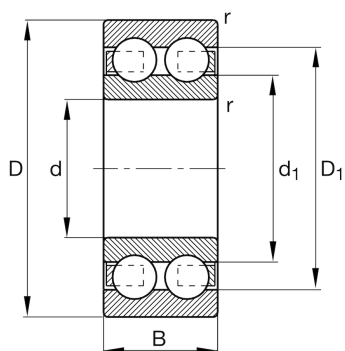
★ 4310-B-TVH

Deep groove ball bearing

Schaeffler ID:
0167145040000Deep groove ball bearing 43...-B-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.
	1,64 kg	Weight

Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	110 mm	Outside diameter
B	40 mm	Width
C_r	92.000 N	Basic dynamic load rating, radial
C_{0r}	76.000 N	Basic static load rating, radial
C_{ur}	4.600 N	Fatigue load limit, radial
n_G	4.800 1/min	Limiting speed
n_{gr}	5.000 1/min	Reference speed

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
D_1	96,2 mm	Shoulder diameter outer ring
d_1	73,6 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a min}$	61 mm	Minimum diameter shaft shoulder
$D_{a max}$	99 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum fillet radius

Calculation factors

f_0	13,8	Calculation factor
-------	------	--------------------

