

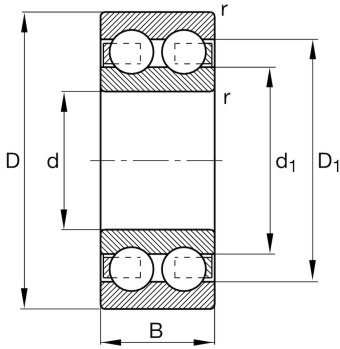
FAG

4306-BB-TVH

Deep groove ball bearing

Schaeffler ID:
0219434270000Deep groove ball bearing 43..-BB-TVH,
double row, plastic cage

Technical information



Main Dimensions & Performance Data

d	1,181 in	Bore diameter
D	2,835 in	Outside diameter
B	1,063 in	Width
C_r	9.892,086 lbf	Basic dynamic load rating, radial
C_{0r}	6.744,604 lbf	Basic static load rating, radial
C_{ur}	352,968 lbf	Fatigue load limit, radial
n_G	8.000 1/min	Limiting speed
n_{gr}	7.500 1/min	Reference speed
	1,102 lbs	Weight

Mounting dimensions

$d_{a \min}$	1,457 in	Minimum diameter shaft shoulder
$D_{a \max}$	2,559 in	Maximum diameter of housing shoulder
$r_{a \max}$	0,039 in	Maximum fillet radius

Dimensions

r_{\min}	0,043 in	Minimum chamfer dimension
D_1	2,339 in	Shoulder diameter outer ring
d_1	1,677 in	Shoulder diameter inner ring

Temperature range

T_{\min}	-4 °F	Operating temperature min.
T_{\max}	248 °F	Operating temperature max.

Calculation factors

f_0	13	Calculation factor
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