

FAG

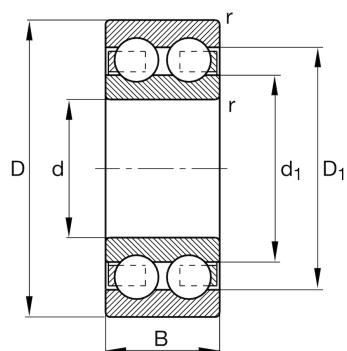
## ★ 4216-B-TVH

Deep groove ball bearing

Schaeffler ID:  
0190585350000Deep groove ball bearing 42...-B-TVH,  
double row, plastic cage

★ Preferred product

## Technical information



## Main Dimensions &amp; Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
$C_r$	81.000 N	Basic dynamic load rating, radial
$C_{0r}$	90.000 N	Basic static load rating, radial
$C_{ur}$	4.500 N	Fatigue load limit, radial
$n_G$	3.800 1/min	Limiting speed
$n_{gr}$	4.200 1/min	Reference speed
	1,98 kg	Weight

## Dimensions

$r_{min}$	2 mm	Minimum chamfer dimension
$D_1$	124 mm	Shoulder diameter outer ring
$d_1$	105,2 mm	Shoulder diameter inner ring

## Mounting dimensions

$d_{a min}$	91 mm	Minimum diameter shaft shoulder
$D_{a max}$	129 mm	Maximum diameter of housing shoulder
$r_{a max}$	2 mm	Maximum fillet radius

## Calculation factors

$f_0$	15,7	Calculation factor
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## Temperature range

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

