**FAG**★ **6024-2Z**

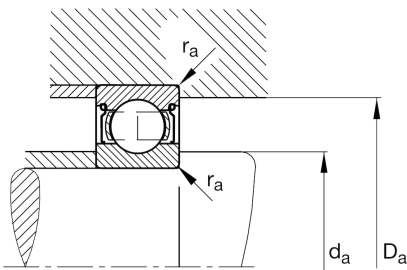
Deep groove ball bearing

Schaeffler ID:  
0167184960000

Deep groove ball bearing 60...-2Z, single row, shields, steel sheet metal cage

★ Preferred product

## Technical information

**Temperature range**

$T_{\min}$	-20 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.
	2,16 kg	Weight

**Main Dimensions & Performance Data**

d	120 mm	Bore diameter
D	180 mm	Outside diameter
B	28 mm	Width
$C_r$	88.000 N	Basic dynamic load rating, radial
$C_{0r}$	77.000 N	Basic static load rating, radial
$C_{ur}$	3.650 N	Fatigue load limit, radial
$n_G$	4.250 1/min	Limiting speed
$n_{gr}$	4.450 1/min	Reference speed

**Dimensions**

$r_{\min}$	2 mm	Minimum chamfer dimension
$D_2$	165,4 mm	Caliber diameter outer ring
$d_1$	139,4 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a\min}$	128,8 mm	Minimum diameter shaft shoulder
$D_{a\max}$	171,2 mm	Maximum diameter of housing shoulder
$r_{a\max}$	2 mm	Maximum fillet radius

**Calculation factors**

$f_0$	15,8	Calculation factor
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