**FAG**★ **6005-2Z**

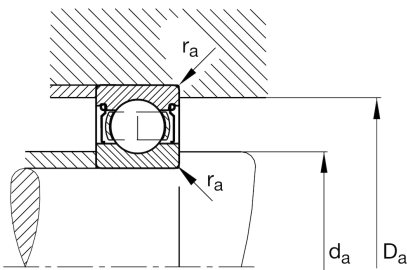
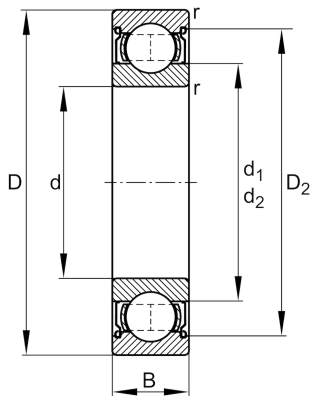
Deep groove ball bearing

Schaeffler ID:  
0167172790000

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.
	79 g	Weight

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	47 mm	Outside diameter
B	12 mm	Width
$C_r$	10.700 N	Basic dynamic load rating, radial
$C_{0r}$	5.900 N	Basic static load rating, radial
$C_{ur}$	315 N	Fatigue load limit, radial
$n_G$	18.600 1/min	Limiting speed
$n_{gr}$	15.200 1/min	Reference speed

**Dimensions**

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$D_2$	42,5 mm	Caliber diameter outer ring
$d_1$	32 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a\min}$	28,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	43,8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,6 mm	Maximum fillet radius

**Calculation factors**

$f_0$	14,6	Calculation factor
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