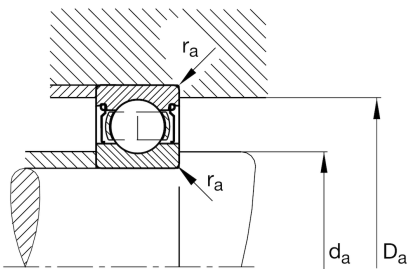
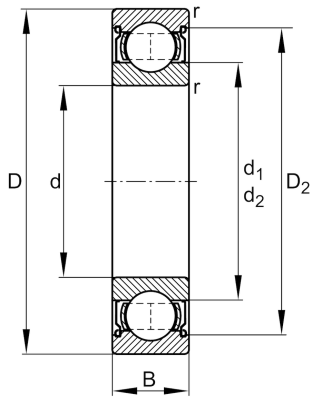


**FAG****61905-2Z**

Deep groove ball bearing

Schaeffler ID:  
0554614840000Deep groove ball bearing 619..-2Z, single  
row, shields, steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	25 mm	Bore diameter
D	42 mm	Outside diameter
B	9 mm	Width
$C_r$	7.010 N	Basic dynamic load rating, radial
$C_{0r}$	4.550 N	Basic static load rating, radial
$C_{ur}$	290 N	Fatigue load limit, radial
$n_G$	20.500 1/min	Limiting speed
$n_{gr}$	13.500 1/min	Reference speed
	45 g	{Weight}

**Mounting dimensions**

$d_{a \min}$	27 mm	Minimum diameter shaft shoulder
$D_{a \max}$	40 mm	Maximum diameter of housing shoulder
$r_{a \max}$	0,3 mm	Maximum fillet radius

**Dimensions**

$r_{\min}$	0,3 mm	Minimum chamfer dimension
$D_2$	39,5 mm	Caliber diameter outer ring
$d_1$	30,9 mm	Shoulder diameter inner ring

**Temperature range**

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

**Calculation factors**

$f_0$	15,4	Calculation factor
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