

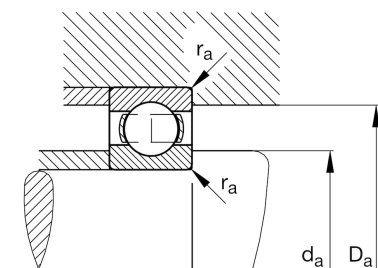
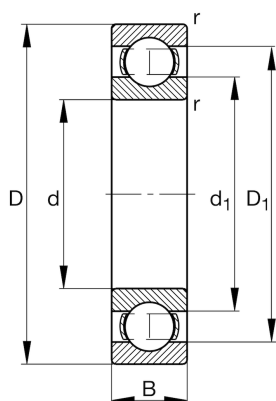
FAG

**61940**

Deep groove ball bearing

Schaeffler ID:  
0190987820000Deep groove ball bearing 619, single row,  
steel sheet metal cage

## Technical information

**Main Dimensions & Performance Data**

d	200 mm	Bore diameter
D	280 mm	Outside diameter
B	38 mm	Width
$C_r$	158.000 N	Basic dynamic load rating, radial
$C_{0r}$	168.000 N	Basic static load rating, radial
$C_{ur}$	6.400 N	Fatigue load limit, radial
$n_G$	3.100 1/min	Limiting speed
$n_{gr}$	2.950 1/min	Reference speed
	6,08 kg	Weight

**Dimensions**

$r_{min}$	2,1 mm	Minimum chamfer dimension
$D_1$	255,3 mm	Shoulder diameter outer ring
$d_1$	225,7 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a min}$	210,2 mm	Minimum diameter shaft shoulder
$D_{a max}$	269,8 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	16,5	Calculation factor
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**Temperature range**

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.