

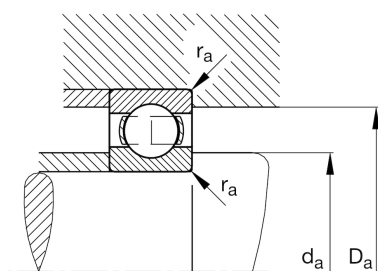
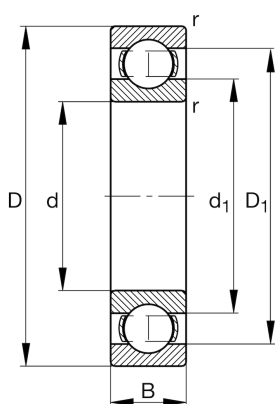
FAG

**61880-M**

Deep groove ball bearing

Schaeffler ID:  
0190981110000Deep groove ball bearing 618..-M, single  
row, solid brass cage

## Technical information

**Main Dimensions & Performance Data**

d	400 mm	Bore diameter
D	500 mm	Outside diameter
B	46 mm	Width
$C_r$	222.000 N	Basic dynamic load rating, radial
$C_{0r}$	335.000 N	Basic static load rating, radial
$C_{ur}$	9.000 N	Fatigue load limit, radial
$n_G$	2.150 1/min	Limiting speed
$n_{gr}$	1.340 1/min	Reference speed
	21,7 kg	Weight

**Dimensions**

$r_{min}$	2,1 mm	Minimum chamfer dimension
$D_1$	467,3 mm	Shoulder diameter outer ring
$d_1$	433,7 mm	Shoulder diameter inner ring

**Mounting dimensions**

$d_{a min}$	410,2 mm	Minimum diameter shaft shoulder
$D_{a max}$	489,8 mm	Maximum diameter of housing shoulder
$r_{a max}$	2,1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	16,1	Calculation factor
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**Temperature range**

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