

FAG

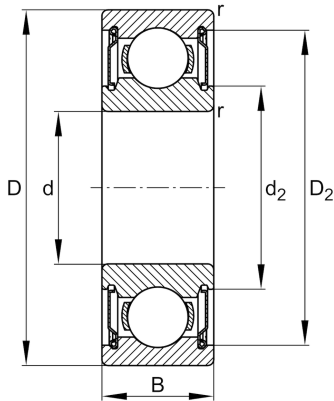
**6008-H-2Z**

Deep groove ball bearing

Schaeffler ID:  
0938809520000

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

## Technical information

**Main Dimensions & Performance Data**

d	40 mm	Bore diameter
D	68 mm	Outside diameter
B	15 mm	Width
$C_r$	16.780 N	Basic dynamic load rating, radial
$C_{0r}$	11.540 N	Basic static load rating, radial
$C_{ur}$	690 N	Fatigue load limit, radial
$n_G$	12.400 1/min	Limiting speed
$n_{gr}$	10.700 1/min	Reference speed
	0,2 kg	Weight

**Dimensions**

$r_{min}$	1 mm	Minimum chamfer dimension
$D_2$	61,4 mm	Caliber diameter outer ring
$d_2$	47,2 mm	Caliber diameter inner ring

**Mounting dimensions**

$d_{amin}$	44,6 mm	Minimum diameter shaft shoulder
$D_{amax}$	63,4 mm	Maximum diameter of housing shoulder
$r_{amax}$	1 mm	Maximum fillet radius

**Calculation factors**

$f_0$	15,3	Calculation factor
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**Temperature range**

$T_{min}$	-20 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

