

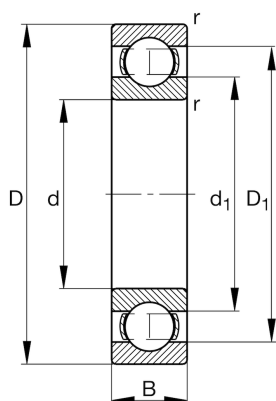
FAG

624

Deep groove ball bearing

Schaeffler ID:  
0383908840000Deep groove ball bearing 62, single row,  
steel sheet metal cage

## Technical information



## Main Dimensions &amp; Performance Data

d	4 mm	Bore diameter
D	13 mm	Outside diameter
B	5 mm	Width
$C_r$	1,306 N	Basic dynamic load rating, radial
$C_{0r}$	487 N	Basic static load rating, radial
$C_{ur}$	25.5 N	Fatigue load limit, radial
$n_G$	72,000 1/min	Limiting speed
$n_{gr}$	44,500 1/min	Reference speed
	3.3 g	Weight

## Dimensions

$r_{min}$	0.2 mm	Minimum chamfer dimension
$D_1$	10.45 mm	Shoulder diameter outer ring
$d_1$	6.95 mm	Shoulder diameter inner ring

## Mounting dimensions

$d_{a min}$	5.8 mm	Minimum diameter shaft shoulder
$D_{a max}$	11.2 mm	Maximum diameter of housing shoulder
$r_{a max}$	0.2 mm	Maximum fillet radius

## Calculation factors

$f_0$	12.3	Calculation factor
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## Temperature range

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