



FAG

61816-2RZ-Y

Deep groove ball bearing

Materiálové číslo Schaeffler:
0807194220000Deep groove ball bearing 618..-2RZ-Y,
single row, shields, brass sheet metal cage

Technické informace

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	100 mm	Outside diameter
B	10 mm	Width
C_r	13.800 N	Basic dynamic load rating, radial
C_{0r}	13.800 N	Basic static load rating, radial
C_{ur}	930 N	Fatigue load limit, radial
n_G	8.000 1/min	Limiting speed
n_{gr}	4.600 1/min	Reference speed
	155 g	Hmotnost

Mounting dimensions

$d_{a\ min}$	83,2 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	96,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	0,6 mm	Maximum fillet radius

Dimensions

$r_{\ min}$	0,6 mm	Minimum chamfer dimension
D_2	95,5 mm	Caliber diameter outer ring
d_1	86,6 mm	Shoulder diameter inner ring

Temperature range

$T_{\ min}$	-20 °C	Operating temperature min.
$T_{\ max}$	100 °C	Operating temperature max.

Calculation factors

f_0	16	Calculation factor
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