



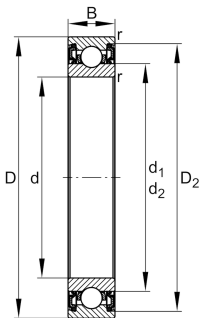
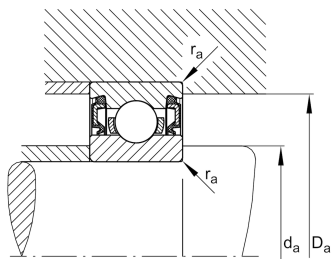
FAG

61815-2RZ-Y

Deep groove ball bearing

Deep groove ball bearing 618...-2RZ-Y, single row, shields, brass sheet metal cage

Informacje techniczne



Twoja aktualna wersja produktu

Sealing	2RZ	Non-contact seal on both sides
Cage	Y	Brass sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	GA13	Ball bearing and insert bearing grease
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	95 mm	Outside diameter
B	10 mm	Width
C _r	13.700 N	Basic dynamic load rating, radial
C _{0r}	13.400 N	Basic static load rating, radial
C _{ur}	890 N	Fatigue load limit, radial
n _G	8.500 1/min	Limiting speed
n _{gr}	4.950 1/min	Reference speed
≈m	150 g	Masa



Mounting dimensions

$d_{a \min}$	78,2 mm	Minimum diameter shaft shoulder
$D_{a \max}$	91,8 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_1	88,57 mm	Shoulder diameter outer ring
D_2	90,5 mm	Caliber diameter outer ring
d_1	81,6 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	16,1	Calculation factor
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Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie dożywotnie, bezobsługowe



Smarowanie smarem



Uszczelnienie dwustronne