

**FAG****6015-2RSR-L140**

Deep groove ball bearing

Deep groove ball bearing 60...-2RSR, single row, seals, steel sheet metal cage

Technical information



Your current product variant

Type of Seal	2RSR	Contact seal on both sides
Cage	JN	Steel sheet metal
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	L140	Grease (L140/customer specific)
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	115 mm	Outside diameter
B	20 mm	Width
C _r	42.000 N	Basic dynamic load rating, radial
C _{0r}	33.500 N	Basic static load rating, radial
C _{ur}	2.020 N	Fatigue load limit, radial
n _G	3.050 1/min	Limiting speed
≈m	0,656 kg	Weight

Mounting dimensions

d _{a min}	81 mm	Minimum diameter shaft shoulder
D _{a max}	109 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius



Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
D_1	102,58 mm	Shoulder diameter outer ring
D_2	105,34 mm	Caliber diameter outer ring
d_1	88,05 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	15,8	Calculation factor
-------	------	--------------------

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Grease Lubrication
-  Sealed on both sides