

**FAG****61926-M**

Deep groove ball bearing

Deep groove ball bearing 619..-M, single row,
solid brass cage

Technical information



Your current product variant

Sealing	Without	Not sealed
Cage	M	Solid brass cage, rolling element guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Lubricant	Without	Bearing not greased
Radial internal clearance	CN (Group N)	Normal internal clearance
Bore type	Z	Cylindrical

Main Dimensions & Performance Data

d	130 mm	Bore diameter
D	180 mm	Outside diameter
B	24 mm	Width
C_r	77.000 N	Basic dynamic load rating, radial
C_{0r}	74.000 N	Basic static load rating, radial
C_{ur}	3.300 N	Fatigue load limit, radial
n_G	6.400 1/min	Limiting speed
n_{gr}	3.900 1/min	Reference speed
m	1,849 kg	Weight



Mounting dimensions

$d_{a \min}$	137 mm	Minimum diameter shaft shoulder
$D_{a \max}$	173 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1,5 mm	Maximum fillet radius

Dimensions

r_{\min}	1,5 mm	Minimum chamfer dimension
D_1	164,7 mm	Shoulder diameter outer ring
d_1	145,72 mm	Shoulder diameter inner ring

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

Calculation factors

f_0	16,3	Calculation factor
-------	------	--------------------

Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Grease Lubrication
	Oil Lubrication
	Not sealed