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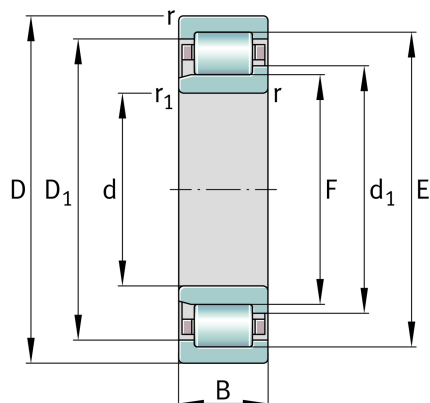
NJ410-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0382612860000

Cylindrical roller bearing NJ..-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

Technical information



Main Dimensions & Performance Data

d	50 mm	Bore diameter
D	130 mm	Outside diameter
B	31 mm	Width
C_r	175.000 N	Basic dynamic load rating, radial
C_{0r}	148.000 N	Basic static load rating, radial
C_{ur}	27.500 N	Fatigue load limit, radial
n_G	8.600 1/min	Limiting speed
n_{gr}	5.300 1/min	Reference speed
	2,3 kg	Weight

Dimensions

	HJ410	L-washer
r_{min}	2,1 mm	Minimum chamfer dimension
r_{1min}	2,1 mm	Minimum chamfer dimension
s	3 mm	Axial displacement
E	110,8 mm	Raceway diameter outer ring
F	70,8 mm	Raceway diameter inner ring
D_{1min}	104,3 mm	Minimum rib diameter outer ring
d_1	78,6 mm	Maximum rib diameter inner ring

Mounting dimensions

d_{amin}	64 mm	Minimum diameter shaft shoulder
d_{amax}	69 mm	Maximum diameter of shaft shoulder
D_{amax}	116 mm	Maximum diameter of housing shoulder
d_{cmin}	81 mm	Minimum shaft shoulder
r_{amax}	2 mm	Maximum recess radius

Temperature range

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