



FAG

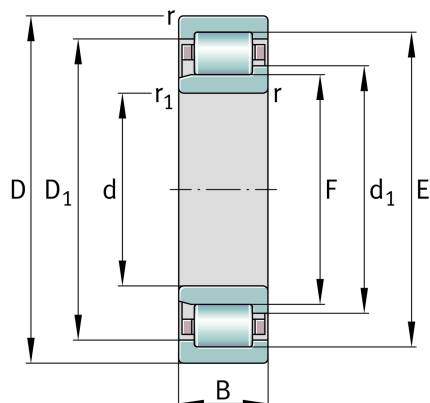
NJ407-XL-M1

Cylindrical roller bearing

Schaeffler ID:
0192296740000

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	35 mm	Bore diameter
D	100 mm	Outside diameter
B	25 mm	Width
C_r	103.000 N	Basic dynamic load rating, radial
C_{0r}	83.000 N	Basic static load rating, radial
C_{ur}	14.500 N	Fatigue load limit, radial
n_G	13.600 1/min	Limiting speed
n_{gr}	7.000 1/min	Reference speed
	1,144 kg	Weight

Dimensions

$d_{a\ min}$	46 mm	Minimum diameter shaft shoulder
$r_{\ min}$	1,5 mm	Minimum chamfer dimension
$d_{a\ max}$	52 mm	Maximum diameter of shaft shoulder
$r_{1\ min}$	1,5 mm	Minimum chamfer dimension
s	2,6 mm	Axial displacement
$D_{a\ max}$	89 mm	Maximum diameter of housing shoulder
E	83 mm	Raceway diameter outer ring
F	53 mm	Raceway diameter inner ring
$D_{1\ min}$	78,2 mm	Minimum rib diameter outer ring
$d_{c\ min}$	61 mm	Minimum shaft shoulder
d_1	58,8 mm	Maximum rib diameter inner ring
$r_{a\ max}$	1,5 mm	Maximum recess radius

Additional information

HJ407	L-washer
-------	----------

Temperature range

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