

GMN Bearing part number FN 470 M

General

Part Number

FN 470 M

Series

Complete Freewheel Clutch Unit

Spring

M (Meander)

Sealed

No

Integrated Ball Bearing

Yes

Integrated Roller Bearing

Yes

Lubrication

None

Shaft & Housing Tolerances

Shaft & Housing Chamfer

1mm × 15°

Shaft Tolerance

k5

Housing Tolerance

H6

Geometrical Data

Bore Diameter d [mm]

40

Outer Diameter D [mm]

75

Outer Ring Keyway

No

Inner Ring Keyway

Yes

Width W [mm]

27

Weight [kg]

0.54

Inner Ring Keyway Width b [mm]

12

Inner Ring Keyway Depth t [mm]

3.3

Ratings¹

Nominal Torque T [N*m]

550

Nominal Torque T [ft*lb]

405.7

Max. Indexing Frequency [Hz]

60

Max. Speed² n [RPM]

2600

Max. Dynamic Radial Load C_{dym} [N]

14050

Max. Static Radial Load C_{stat} [N]

19840

Max. Operating Temperature³ [°C]

140

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