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# MS14101 — narrow, grooved outer ring

Bearing, Self-Lubricating, Self-Aligning, Narrow, Grooved Outer Ring: dimensions and part numbers as tabulated.



MS14101

## Specification

| Item | Value |
|---|---|
| Type | Bearing, self-lubricating, self-aligning |
| Material | Self-lubricating bearing with PTFE liner; ring materials as the standard states |
| Status | Check the current issue of the standard before design use. |

## Dimensions by size

| Dimension, in | -3 | -4 | -5A | -6 |
|---|---|---|---|---|
| B — bore (+.0000 / -.0005) | .1900 | .2500 | .3125 | .3750 |
| D — outside diameter (+.0000 / -.0005) | .5625 | .6562 | .7500 | .8125 |
| H — see drawing (+.005) | .218 | .250 | .281 | .312 |
| M — see drawing (min) | .293 | .364 | .419 | .475 |
| P — see drawing (+.000 / -.015) | .025 | .025 | .025 | .035 |
| Q — see drawing (min) | 10 | 10 | 10 | 9 |
| W — see drawing (+.000 / -.002) | .281 | .343 | .375 | .406 |
| E — see drawing (+.000 / -.010) | .500 | .594 | .660 | .702 |
| Static radial — Static limit load, radial, lb | 3975 | 6040 | 8750 | 10540 |
| Static axial — Static limit load, axial, lb | 150 | 430 | 700 | 1100 |
| Oscillating — Oscillating load, lb | 1500 | 3320 | 5460 | 6600 |
| Torque, standard — No-load breakaway torque, standard | 0.25 - 5.0 | 0.25 - 5.0 | 0.25 - 8.0 | 0.25 - 8.0 |
| Torque, K type — No-load breakaway torque, K type | 0 - 0.5 | 0 - 0.5 | 0 - 1.0 | 0 - 1.0 |
| Weight — Weight, lb max (ref.) | .020 | .020 | .030 | .040 |

Dimensions in inches, loads in pounds, as tabulated; tolerances in the dimension names.

## Part numbers

| Part no. | Size |
|---|---|
| MS14101-3 | .1900 |
| MS14101-4 | .2500 |
| MS14101-5A | .3125 |
| MS14101-6 | .3750 |

Dash numbers of the standard, each with its own link.

## How to read the part number

| Part | Meaning |
|---|---|
| Format | MS14101-<dash> |
| Example | MS14101-3 — dash 3 |

## Notes

- Breakaway torque: standard and K type; the listing prints the range for groups of dash numbers, applied here to each dash in the group.
- Dimension names follow the drawing letters of the listing; the listing does not name every letter.

SOURCES · MS14101 — Bearing, Self-Lubricating, Self-Aligning, Narrow, Grooved Outer Ring

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/bearings/ms14101/



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