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MS14103 — wide, grooved outer ring

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



MS14103

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	-4	-5	-6	-10
B — bore (+.0000 / -.0005)	.2500	.3125	.3750	.6250
D — outside diameter (+.0000 / -.0005)	.6250	.6875	.8125	1.1875
H — see drawing (+.005)	.327	.317	.406	.567
M — see drawing (min)	.300	.360	.466	.747
P — see drawing (+.000 / -.015)	.025	.025	.035	—
Q — see drawing (min)	15	14	8	12
W — see drawing (+.000 / -.002)	.437	.437	.500	.750
E — see drawing (+.000 / -.010)	.563	.625	.712	1.087
Static radial — Static limit load, radial, lb	5500	9400	13700	29000
Static axial — Static limit load, axial, lb	1770	1640	2630	6130
Oscillating — Oscillating load, lb	4900	6050	8310	20250
Torque, standard — No-load breakaway torque, standard	0.25 - 5.0	0.25 - 8.0	0.25 - 8.0	0.25 - 8.0
Torque, K type — No-load breakaway torque, K type	0 - 0.5	0 - 1.0	0 - 1.0	0 - 1.0
Weight — Weight, lb max (ref.)	.031	.035	.060	.160

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

Part numbers

Part no.	Size
MS14103-4	.2500
MS14103-5	.3125
MS14103-6	.3750
MS14103-10	.6250

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

How to read the part number

Part	Meaning
Format	MS14103-<dash>
Example	MS14103-4 — dash 4

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.
- P for dash -10 is blank in the listing.

SOURCES · MS14103 — Bearing, Self-Lubricating, Self-Aligning, Wide, Grooved Outer Ring

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/bearings/ms14103/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.