

Data sheet

Sheet No.: GHC10PM RevB

Date: August 2010

GHC-Series

Torque Ratings – (Pneumatic)

All Published Torques are Guaranteed Minimum Values.

**Spring-Return Actuators
GHC10-Series**

| Actuator Model | Spring Torque Nm | | Operating Pressure, barg | | | | | | | | | | | MOP barg | MAWP barg |
|----------------|------------------|--------|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|-----------|
| | | | 4 | 5 | 5.5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | |
| | | | Air Torque Output, Nm | | | | | | | | | | | | |
| GHC10x40-SR4 | Start | 94729 | | 138975 | 161506 | 184037 | 229100 | 274162 | 319225 | 364288 | 409350 | 454413 | 10.9 | 13.93 | |
| | Min | 47909 | | 43438 | 53181 | 62923 | 82407 | 101892 | 121377 | 140861 | 160346 | 179830 | | | |
| | End | 82710 | | 55141 | 71126 | 87110 | 119078 | 151047 | 183015 | 214984 | 246952 | 278920 | | | |
| GHC10x44-SR4 | Start | 94729 | 132516 | 187229 | 214586 | 241942 | 296656 | 351369 | 406083 | 460796 | | | 9.0 | 12.07 | |
| | Min | 47909 | 40645 | 64303 | 76132 | 87960 | 111618 | 135275 | 158933 | 182590 | | | | | |
| | End | 82710 | 50559 | 89374 | 108782 | 128189 | 167004 | 205819 | 244634 | 283449 | | | | | |
| GHC10x40-SR3 | Start | 117924 | | | 145537 | 168069 | 213131 | 258194 | 303256 | 348319 | 393381 | 438444 | 483506 | 11.2 | 13.93 |
| | Min | 58693 | | | 40793 | 50535 | 70019 | 89504 | 108988 | 128473 | 147958 | 167442 | 186927 | | |
| | End | 98008 | | | 45490 | 61474 | 93442 | 125411 | 157379 | 189348 | 221316 | 253284 | 285253 | | |
| GHC10x44-SR3 | Start | 117924 | | 171260 | 198617 | 225974 | 280687 | 335400 | 390114 | 444827 | | | 9.2 | 12.07 | |
| | Min | 58693 | | 51915 | 63744 | 75572 | 99230 | 122887 | 146545 | 170202 | | | | | |
| | End | 98008 | | 63738 | 83146 | 102553 | 141368 | 180183 | 218998 | 257813 | | | | | |
| GHC10x40-SR2 | Start | 129344 | | | | | 193221 | 238284 | 283346 | 328409 | 373471 | 418534 | 463597 | 13.4 | 13.93 |
| | Min | 66208 | | | | | 61986 | 81471 | 100955 | 120440 | 139924 | 159409 | 178894 | | |
| | End | 117081 | | | | | 80820 | 112788 | 144757 | 176725 | 208694 | 240662 | 272631 | | |
| GHC10x44-SR2 | Start | 129344 | | | | 206064 | 260777 | 315491 | 370204 | 424917 | 479631 | | | 9.7 | 12.07 |
| | Min | 66208 | | | | 67539 | 91197 | 114854 | 138512 | 162169 | 185827 | | | | |
| | End | 117081 | | | | 89931 | 128746 | 167561 | 206376 | 245191 | 284006 | | | | |
| GHC10x40-SR1 | Start | 160234 | | | | | | 215378 | 260441 | 305504 | 350566 | 395629 | 440691 | 12.2 | 13.93 |
| | Min | 80870 | | | | | | 64709 | 84194 | 103679 | 123163 | 142648 | 162132 | | |
| | End | 139024 | | | | | | 78647 | 110615 | 142584 | 174552 | 206520 | 238489 | | |
| GHC10x44-SR1 | Start | 160234 | | | | | 237872 | 292585 | 347299 | 402012 | 456725 | | | 10.1 | 12.07 |
| | Min | 80870 | | | | | 74435 | 98093 | 121750 | 145408 | 169065 | | | | |
| | End | 139024 | | | | | 94604 | 133419 | 172234 | 211049 | 249864 | | | | |
| Actuator Model | Spring Torque Nm | | Air Torque Output, Nm | | | | | | | | | | | MOP barg | MAWP barg |
| | | | 4 | 5 | 5.5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | |
| | | | Operating Pressure, barg | | | | | | | | | | | | |



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