

Data sheet

Sheet No.: GHM 2.01 RevB

Date: August 2010



G-Series

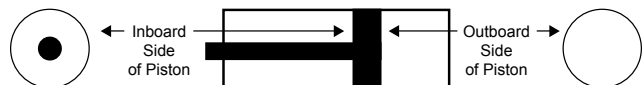
Performance Data – (Hydraulic)

Double-Acting Actuators G-Series

| Actuator Model | Displacement (cu cm) | | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|----------------------|----------|---|-------------------------------------|
| | Inboard | Outboard | | |
| G01001.5 | 90.1 | 137.5 | 344.8 | 51 |
| G01101.7 | 126.2 | 186.8 | 271.6 | 51.7 |
| G01102.0 | 183.5 | 244.2 | 207.9 | 52 |
| G01102.2 | 249.1 | 309.7 | 164.3 | 52.6 |
| G01102.5 | 321.2 | 381.8 | 133.1 | 53 |
| G01103.0 | 488.3 | 550.6 | 92.4 | 54.9 |
| G01103.5 | 688.3 | 748.9 | 67.9 | 56 |
| G2101.7 | 152.5 | 226 | 332.3 | 64 |
| G2102.0 | 221 | 295 | 254.5 | 67 |
| G2102.2 | 300 | 373.5 | 201 | 67 |
| G2102.5 | 388.5 | 459 | 163 | 67 |
| G2103.0 | 590 | 665.5 | 113 | 69 |
| G2103.5 | 832.5 | 906 | 83 | 70 |
| G2104.0 | 1109.5 | 1180 | 63.6 | 72 |
| G3102.0 | 219.5 | 360.5 | 344.8 | 96 |
| G3102.2 | 314.5 | 455.5 | 289 | 97 |
| G3102.5 | 423 | 563.5 | 234 | 98 |
| G3103.0 | 672 | 811 | 162.6 | 98 |
| G3103.5 | 963.5 | 1103 | 119.4 | 100 |
| G3104.0 | 1301 | 1442 | 91.4 | 102 |
| G3104.5 | 1688 | 1819 | 72.3 | 103 |
| G4102.5 | 438 | 683 | 344.7 | 165 |
| G4103.0 | 737 | 983 | 268 | 169 |
| G4103.5 | 1095 | 1340 | 196.7 | 167 |
| G4104.0 | 1504 | 1753 | 150.6 | 166 |
| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
| | Displacement (cu cm) | | | |

NOTE:

-  Standard configuration produces clockwise rotation when the inboard side of piston is pressurized. Inboard side of piston equals < torque.
-  Standard configuration produces counterclockwise rotation when the outboard side of piston is pressurized. Outboard side of piston equals > torque.



* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.
Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.
Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.



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Data sheet

Sheet No.: GHM 2.02 RevB

Date: August 2010



G-Series

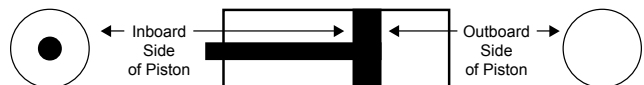
Performance Data – (Hydraulic)

Double-Acting Actuators G-Series (cont.)

| Actuator Model | Displacement (cu cm) | | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|----------------------|----------|---|-------------------------------------|
| | Inboard | Outboard | | |
| G4104.5 | 1966 | 2212 | 119 | 167 |
| G4105.0 | 2491 | 2737 | 96.4 | 170 |
| G4106.0 | 3687 | 3933 | 67 | 170 |
| G5103.5 | 1163 | 1737 | 344.7 | 328 |
| G5104.0 | 1704 | 2261 | 266 | 346 |
| G5104.5 | 2294 | 2868 | 210 | 337 |
| G5105.0 | 2966 | 3540 | 170 | 342 |
| G5106.0 | 4523 | 5096 | 118 | 341 |
| G5107.0 | 6375 | 6932 | 87 | 345 |
| G5108.0 | 8488 | 9062 | 66.5 | 385 |
| G7104.0 | 1901 | 2786 | 344.7 | 596 |
| G7104.5 | 2638 | 3523 | 332 | 601 |
| G7105.0 | 3458 | 4343 | 269 | 608 |
| G7106.0 | 5375 | 6260 | 186.6 | 623 |
| G7107.0 | 7636 | 8521 | 137 | 635 |
| G7108.0 | 10242 | 11127 | 105.6 | 638 |
| G7109.0 | 13192 | 14076 | 83 | 664 |
| G7110.0 | 16502 | 17370 | 67 | 694 |
| G8105.0 | 3589 | 5146 | 344.7 | 894 |
| G8106.0 | 5850 | 7407 | 254 | 934 |
| G8107.0 | 8538 | 10094 | 186.6 | 928 |
| G8108.0 | 11618 | 13175 | 143 | 919 |
| G8109.0 | 15125 | 16682 | 113 | 933 |
| G8110.0 | 19042 | 20599 | 91.4 | 935 |
| G8112.0 | 28104 | 29661 | 63.5 | 979 |
| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
| | Displacement (cu cm) | | | |

NOTE:

-  Standard configuration produces clockwise rotation when the inboard side of piston is pressurized. Inboard side of piston equals < torque.
-  Standard configuration produces counterclockwise rotation when the outboard side of piston is pressurized. Outboard side of piston equals > torque.



* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.
Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.
Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.



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Data sheet

Sheet No.: GHM 2.03 RevB

Date: August 2010

G-Series



Performance Data – (Hydraulic)

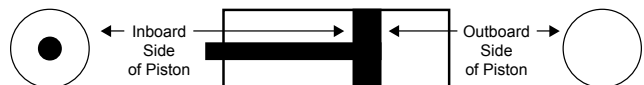
Double-Acting Actuators G-Series (cont.)

| Actuator Model | Displacement (cu cm) | | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|----------------------|----------|---|-------------------------------------|
| | Inboard | Outboard | | |
| G10106.0 | 6883 | 9734 | 344.7 | 1463 |
| G10107.0 | 10389 | 13241 | 284.4 | 1456 |
| G10108.0 | 14437 | 17305 | 217.7 | 1521 |
| G10109.0 | 19042 | 21893 | 172 | 1547 |
| G10110.0 | 24171 | 27022 | 139.3 | 1572 |
| G10112.0 | 36068 | 38919 | 96.7 | 1612 |
| G10114.0 | 50112 | 52979 | 71 | 1801 |
| G13108.0 | 16682 | 22237 | 338.7 | 2712 |
| G13109.0 | 22581 | 28153 | 267.6 | 2759 |
| G13110.0 | 29185 | 34757 | 217 | 2751 |
| G13111.0 | 36488 | 42047 | 179 | 2754 |
| G13112.0 | 44474 | 50046 | 150.5 | 2756 |
| G13114.0 | 62549 | 68105 | 110.6 | 2833 |
| G13116.0 | 83394 | 88965 | 84.7 | 2922 |
| G13118.0 | 107024 | 112596 | 67 | 2997 |

| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|----------------------|----------|---|-------------------------------------|
| | Displacement (cu cm) | | | |

NOTE:

-  Standard configuration produces clockwise rotation when the inboard side of piston is pressurized. Inboard side of piston equals < torque.
-  Standard configuration produces counterclockwise rotation when the outboard side of piston is pressurized. Outboard side of piston equals > torque.



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Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.
Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.



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Data sheet

Sheet No.: GHM 2.04 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G01101.5-SR4 | 90.1 | 344.7 | 114.8 |
| G01101.7-SR4 | 126.2 | 332.3 | 115.1 |
| SR3 | 126.2 | 332.3 | 119.3 |
| SR2 | 126.2 | 332.3 | 121.6 |
| SR1 | 126.2 | 332.3 | 122.5 |
| G01102.0-SR4 | 183.5 | 254.5 | 115.7 |
| SR3 | 183.5 | 254.5 | 119.8 |
| SR2 | 183.5 | 254.5 | 122.5 |
| SR1 | 183.5 | 254.5 | 123.4 |
| G01102.2-SR4 | 249.1 | 201.1 | 116.1 |
| SR3 | 249.1 | 201.1 | 120.2 |
| SR2 | 249.1 | 201.1 | 122.5 |
| SR1 | 249.1 | 201.1 | 123.4 |
| G01102.5-SR4 | 321.2 | 162.9 | 116.6 |
| SR3 | 321.2 | 162.9 | 120.7 |
| SR2 | 321.2 | 162.9 | 123.4 |
| SR1 | 321.2 | 162.9 | 123.8 |
| G01103.0-SR4 | 488.3 | 113.1 | 117.9 |
| SR3 | 488.3 | 113.1 | 122.0 |
| SR2 | 488.3 | 113.1 | 124.3 |
| SR1 | 488.3 | 113.1 | 125.2 |
| G01103.5-SR4 | 688.3 | 83.1 | 119.8 |
| SR3 | 688.3 | 83.1 | 123.8 |
| SR2 | 688.3 | 83.1 | 126.1 |
| SR1 | 688.3 | 83.1 | 127.0 |
| G2101.7-SR6 | 152.5 | 344.8 | 134 |
| SR5 | 152.5 | 344.8 | 152 |
| SR4 | 152.5 | 344.8 | 152 |
| SR3 | 152.5 | 344.8 | 159 |
| SR2 | 152.5 | 344.8 | 159 |
| SR1 | 152.5 | 344.8 | 159 |
| G2102.0-SR6 | 221 | 339.3 | 136 |
| SR5 | 221 | 339.3 | 154 |
| SR4 | 221 | 339.3 | 154 |
| SR3 | 221 | 339.3 | 161 |
| SR2 | 221 | 339.3 | 161 |
| SR1 | 221 | 339.3 | 165 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G2102.2-SR6 | 300 | 250.6 | 136 |
| SR5 | 300 | 250.6 | 154 |
| SR4 | 300 | 250.6 | 154 |
| SR3 | 300 | 250.6 | 161 |
| SR2 | 300 | 250.6 | 161 |
| SR1 | 300 | 250.6 | 166 |
| G2102.5-SR6 | 388.5 | 194 | 137 |
| SR5 | 388.5 | 194 | 155 |
| SR4 | 388.5 | 194 | 155 |
| SR3 | 388.5 | 194 | 161 |
| SR2 | 388.5 | 194 | 161 |
| SR1 | 388.5 | 194 | 166 |
| G2103.0-SR6 | 590 | 127.2 | 138 |
| SR5 | 590 | 127.2 | 156 |
| SR4 | 590 | 127.2 | 156 |
| SR3 | 590 | 127.2 | 163 |
| SR2 | 589.9 | 127.2 | 163 |
| SR1 | 589.9 | 127.2 | 168 |
| G2103.5-SR6 | 832.5 | 90.5 | 140 |
| SR5 | 832.5 | 90.5 | 158 |
| SR4 | 832.5 | 90.5 | 158 |
| SR3 | 832.5 | 90.5 | 165 |
| SR2 | 832.5 | 90.5 | 165 |
| SR1 | 832.5 | 90.5 | 169 |
| G2104.0-SR6 | 1109.4 | 67.8 | 141 |
| SR5 | 1109.4 | 67.8 | 159 |
| SR4 | 1109.4 | 67.8 | 159 |
| SR3 | 1109.4 | 67.8 | 166 |
| SR2 | 1109.4 | 67.8 | 166 |
| SR1 | 1109.4 | 67.8 | 171 |
| G3102.0-SR4 | 219.5 | 344.8 | 222 |
| G3102.2-SR4 | 314.5 | 344.8 | 223 |
| SR3 | 314.5 | 344.8 | 230 |
| SR2 | 314.5 | 344.8 | 237 |
| SR1 | 314.5 | 344.8 | 241 |
| G3102.5-SR4 | 423 | 312 | 224 |
| SR3 | 423 | 312 | 231 |
| SR2 | 423 | 312 | 238 |
| SR1 | 423 | 312 | 242 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.

Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.

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Data sheet

Sheet No.: GHM 2.05 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G3103.0-SR4 | 672 | 196.7 | 224 |
| SR3 | 672 | 196.7 | 231 |
| SR2 | 672 | 196.7 | 238 |
| SR1 | 672 | 196.7 | 243 |
| G3103.5-SR4 | 963.5 | 137 | 226 |
| SR3 | 963.5 | 137 | 233 |
| SR2 | 963.5 | 137 | 240 |
| SR1 | 963.5 | 137 | 244 |
| G3104.0-SR4 | 1301 | 101.4 | 229 |
| SR3 | 1301 | 101.4 | 235 |
| SR2 | 1301 | 101.4 | 242 |
| SR1 | 1301 | 101.4 | 247 |
| G3104.5-SR4 | 1688 | 78.3 | 229 |
| SR3 | 1688 | 78.3 | 236 |
| SR2 | 1688 | 78.3 | 243 |
| SR1 | 1688 | 78.3 | 248 |
| G4102.5-SR4 | 438 | 344.7 | 366 |
| G4103.0-SR4 | 737 | 344.7 | 371 |
| SR3 | 737 | 344.7 | 397 |
| SR2 | 737 | 344.7 | 405 |
| SR1 | 737 | 344.7 | 409 |
| G4103.5-SR4 | 1095 | 241 | 376 |
| SR3 | 1095 | 241 | 404 |
| SR2 | 1095 | 241 | 410 |
| SR1 | 1095 | 241 | 417 |
| G4104.0-SR4 | 1504 | 175.3 | 376 |
| SR3 | 1504 | 175.3 | 403 |
| SR2 | 1504 | 175.3 | 410 |
| SR1 | 1504 | 175.3 | 417 |
| G4104.5-SR4 | 1966 | 134 | 376 |
| SR3 | 1966 | 134 | 404 |
| SR2 | 1966 | 134 | 410 |
| SR1 | 1966 | 134 | 417 |
| G4105.0-SR4 | 2491 | 106 | 379 |
| SR3 | 2491 | 106 | 406 |
| SR2 | 2491 | 106 | 413 |
| SR1 | 2491 | 106 | 420 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G4106.0-SR4 | 3687 | 71.4 | 372 |
| SR3 | 3687 | 71.4 | 399 |
| SR2 | 3687 | 71.4 | 406 |
| SR1 | 3687 | 71.4 | 410 |
| G5103.5-SR4 | 1163 | 344.7 | 685 |
| SR3 | 1163 | 344.7 | 714 |
| G5104.0-SR4 | 1704 | 344.7 | 726 |
| SR3 | 1704 | 344.7 | 755 |
| SR2 | 1704 | 344.7 | 780 |
| SR1 | 1704 | 344.7 | 778 |
| G5105.0-SR4 | 2966 | 202.7 | 722 |
| SR3 | 2966 | 202.7 | 752 |
| SR2 | 2966 | 202.7 | 777 |
| SR1 | 2966 | 202.7 | 774 |
| G5106.0-SR4 | 4523 | 133 | 721 |
| SR3 | 4523 | 133 | 750 |
| SR2 | 4523 | 133 | 775 |
| SR1 | 4523 | 133 | 773 |
| G5107.0-SR4 | 6375 | 94.6 | 725 |
| SR3 | 6375 | 94.6 | 755 |
| SR2 | 6375 | 94.6 | 780 |
| SR1 | 6375 | 94.6 | 777 |
| G5108.0-SR4 | 8488 | 71 | 742 |
| SR3 | 8488 | 71 | 771 |
| SR2 | 8488 | 71 | 796 |
| SR1 | 8488 | 71 | 793 |
| G7104.0-SR4 | 1901 | 344.7 | 1190 |
| SR3 | 1901 | 344.7 | 1151 |
| G7104.5-SR4 | 2638 | 344.7 | 1194 |
| SR3 | 2638 | 344.7 | 1154 |
| SR2 | 2638 | 344.7 | 1314 |
| SR1 | 2638 | 344.7 | 1276 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point.

MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.

Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.

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Data sheet

Sheet No.: GHM 2.06 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G7105.0-SR4 | 3458 | 337 | 1201 |
| SR3 | 3458 | 337 | 1162 |
| SR2 | 3458 | 337 | 1321 |
| SR1 | 3458 | 337 | 1283 |
| G7106.0-SR4 | 5375 | 217 | 1102 |
| SR3 | 5375 | 217 | 1040 |
| SR2 | 5375 | 217 | 1151 |
| SR1 | 5375 | 217 | 1088 |
| G7107.0-SR4 | 7636 | 153 | 1115 |
| SR3 | 7636 | 153 | 1052 |
| SR2 | 7636 | 153 | 1164 |
| SR1 | 7636 | 153 | 1101 |
| G7108.0-SR4 | 10242 | 114 | 1117 |
| SR3 | 10242 | 114 | 1055 |
| SR2 | 10242 | 114 | 1167 |
| SR1 | 10242 | 114 | 1104 |
| G7109.0-SR4 | 13192 | 88.5 | 1151 |
| SR3 | 13192 | 88.5 | 1089 |
| SR2 | 13192 | 88.5 | 1201 |
| SR1 | 13192 | 88.5 | 1138 |
| G7110.0-SR4 | 16502 | 70.8 | 1288 |
| SR3 | 16502 | 70.8 | 1248 |
| SR2 | 16502 | 70.8 | 1407 |
| SR1 | 16502 | 70.8 | 1369 |
| G8105.0-SR3 | 3589 | 344.7 | 2055 |
| SR3 | 3589 | 344.7 | 2128 |
| G8106.0-SR3 | 5850 | 321.6 | 2066 |
| SR2 | 5850 | 321.6 | 2139 |
| SR1 | 5850 | 321.6 | 2271 |
| G8107.0-SR3 | 8538 | 220.7 | 2060 |
| SR2 | 8538 | 220.7 | 2132 |
| SR1 | 8538 | 220.7 | 2264 |
| G8108.0-SR3 | 11618 | 162 | 2050 |
| SR2 | 11618 | 162 | 2123 |
| SR1 | 11618 | 162 | 2255 |
| G8109.0-SR3 | 15125 | 124.5 | 2065 |
| SR2 | 15125 | 124.5 | 2137 |
| SR1 | 15125 | 124.5 | 2269 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G8110.0-SR3 | 19042 | 99 | 2067 |
| SR2 | 19042 | 99 | 2140 |
| SR1 | 19042 | 99 | 2272 |
| G8112.0-SR3 | 28104 | 67 | 2140 |
| SR2 | 28104 | 67 | 2213 |
| SR1 | 28104 | 67 | 2345 |
| G10106.0-SR4 | 6883 | 344.7 | 3116 |
| G10107.0-SR4 | 10389 | 344.7 | 3108 |
| SR3 | 10389 | 344.7 | 3272 |
| SR2 | 10389 | 344.7 | 3449 |
| SR1 | 10389 | 344.7 | 3657 |
| G10108.0-SR4 | 14437 | 260.8 | 3127 |
| SR3 | 14437 | 260.8 | 3291 |
| SR2 | 14437 | 260.8 | 3468 |
| SR1 | 14437 | 260.8 | 3676 |
| G10109.0-SR4 | 19042 | 195.8 | 3153 |
| SR3 | 19042 | 195.8 | 3317 |
| SR2 | 19042 | 195.8 | 3493 |
| SR1 | 19042 | 195.8 | 3702 |
| G10110.0-SR4 | 24171 | 155.8 | 3179 |
| SR3 | 24171 | 155.8 | 3342 |
| SR2 | 24171 | 155.8 | 3519 |
| SR1 | 24171 | 155.8 | 3728 |
| G10112.0-SR4 | 36068 | 104.5 | 3219 |
| SR3 | 36068 | 104.5 | 3382 |
| SR2 | 36068 | 104.5 | 3559 |
| SR1 | 36068 | 104.5 | 3768 |
| G10114.0-SR4 | 50112 | 75.2 | 3452 |
| SR3 | 50112 | 75.2 | 3615 |
| SR2 | 50112 | 75.2 | 3792 |
| SR1 | 50112 | 75.2 | 4001 |
| G13108.0-SR4 | 16682 | 344.8 | 5944 |
| SR3 | 16682 | 344.8 | 6277 |
| SR2 | 16682 | 344.8 | 6828 |
| G13109.0-SR4 | 22581 | 333.5 | 5990 |
| SR3 | 22581 | 333.5 | 6323 |
| SR2 | 22581 | 333.5 | 6874 |
| SR1 | 22581 | 333.5 | 7208 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.

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Data sheet

Sheet No.: GHM 2.07 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |
|----------------|---|---|-------------------------------------|
| G13110.0-SR4 | 29185 | 258 | 5982 |
| SR3 | 29185 | 258 | 6316 |
| SR2 | 29185 | 258 | 6867 |
| SR1 | 29185 | 258 | 7200 |
| G13111.0-SR4 | 36488 | 206.4 | 5985 |
| SR3 | 36488 | 206.4 | 6319 |
| SR2 | 36488 | 206.4 | 6970 |
| SR1 | 36488 | 206.4 | 7303 |
| G13112.0-SR4 | 44474 | 169.3 | 5988 |
| SR3 | 44474 | 169.3 | 6321 |
| SR2 | 44474 | 169.3 | 6872 |
| SR1 | 44474 | 169.3 | 7205 |
| G13114.0-SR4 | 62549 | 120.5 | 6064 |
| SR3 | 62549 | 120.5 | 6398 |
| SR2 | 62549 | 120.5 | 6949 |
| SR1 | 62549 | 120.5 | 7282 |
| G13116.0-SR4 | 83394 | 90.3 | 6153 |
| SR3 | 83394 | 90.3 | 6487 |
| SR2 | 83394 | 90.3 | 7038 |
| SR1 | 83394 | 90.3 | 7371 |
| G13118.0-SR4 | 107024 | 70.4 | 6229 |
| SR3 | 107024 | 70.4 | 6562 |
| SR2 | 107024 | 70.4 | 7113 |
| SR1 | 107024 | 70.4 | 7446 |
| Actuator Model | Inboard Displacement Per Stroke (cu cm) | Maximum Operating Pressure (MOP)* (Bar) | Approximate Weight of Actuator (kg) |

* **Maximum Operating Pressure (MOP)** – The maximum recommended pressure at which the actuator should be operated.

Maximum Relief Valve Set Pressure (MRP) – The maximum recommended relief pressure value set point. MRP is calculated by multiplying MOP times 1.15 for G-Series actuators.

Maximum System Pressure (MSP) – The maximum allowable system supply pressure to which an actuator may be exposed. MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.

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