

Data sheet

Sheet No.: GHI 2.01 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Double-Acting Actuators G-Series

| Actuator Model | Displacement (Cu. In.) | | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|------------------------|----------|--|---------------------------------------|
| | Inboard | Outboard | | |
| G01001.5 | 5.5 | 8.4 | 5000 | 113 |
| G01001.7 | 7.7 | 11.4 | 3939 | 114 |
| G01002.0 | 11.2 | 14.9 | 3015 | 115 |
| G01002.2 | 15.2 | 18.9 | 2383 | 116 |
| G01002.5 | 19.6 | 23.3 | 1930 | 117 |
| G01003.0 | 29.8 | 33.6 | 1340 | 121 |
| G01003.5 | 42.0 | 45.7 | 985 | 124 |
| G2001.7 | 9.3 | 13.8 | 4820 | 142 |
| G2002.0 | 13.5 | 18 | 3691 | 145 |
| G2002.2 | 18.3 | 22.8 | 2916 | 146 |
| G2002.5 | 23.7 | 28 | 2362 | 147 |
| G2003.0 | 36 | 40.6 | 1640 | 151 |
| G2003.5 | 50.8 | 55.3 | 1205 | 154 |
| G2004.0 | 67.7 | 72 | 923 | 158 |
| G3002.0 | 13.4 | 22 | 5000 | 212 |
| G3002.2 | 19.2 | 27.8 | 4192 | 214 |
| G3002.5 | 25.8 | 34.4 | 3395 | 219 |
| G3003.0 | 41 | 49.5 | 2358 | 217 |
| G3003.5 | 58.8 | 67.3 | 1732 | 221 |
| G3004.0 | 79.4 | 88 | 1326 | 226 |
| G3004.5 | 103 | 111 | 1048 | 228 |
| G4002.5 | 26.7 | 41.7 | 5000 | 363 |
| G4003.0 | 45 | 60 | 3884 | 377 |
| G4003.5 | 66.8 | 81.8 | 2853 | 375 |
| G4004.0 | 91.8 | 107 | 2184 | 377 |
| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
| | Displacement (Cu. In.) | | | |

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.: GHI 2.02 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Double-Acting Actuators G-Series (cont.)

| Actuator Model | Displacement (Cu. In.) | | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|------------------------|----------|--|---------------------------------------|
| | Inboard | Outboard | | |
| G4004.5 | 120 | 135 | 1726 | 377 |
| G4005.0 | 152 | 167 | 1398 | 383 |
| G4006.0 | 225 | 240 | 971 | 398 |
| G5003.5 | 71 | 106 | 5000 | 723 |
| G5004.0 | 104 | 138 | 3858 | 762 |
| G5004.5 | 140 | 175 | 3049 | 741 |
| G5005.0 | 181 | 216 | 2469 | 751 |
| G5006.0 | 276 | 311 | 1715 | 748 |
| G5007.0 | 389 | 423 | 1260 | 758 |
| G5008.0 | 518 | 553 | 965 | 792 |
| G7004.0 | 116 | 170 | 5000 | 1357 |
| G7004.5 | 161 | 215 | 4813 | 1371 |
| G7005.0 | 211 | 265 | 3898 | 1387 |
| G7006.0 | 328 | 382 | 2707 | 1373 |
| G7007.0 | 466 | 520 | 1989 | 1401 |
| G7008.0 | 625 | 679 | 1532 | 1407 |
| G7009.0 | 805 | 859 | 1203 | 1464 |
| G7010.0 | 1007 | 1060 | 975 | 1470 |
| G8005.0 | 219 | 314 | 5000 | 1971 |
| G8006.0 | 357 | 452 | 3684 | 2035 |
| G8007.0 | 521 | 616 | 2707 | 2045 |
| G8008.0 | 709 | 804 | 2072 | 2019 |
| G8009.0 | 923 | 1018 | 1637 | 2055 |
| G8010.0 | 1162 | 1257 | 1326 | 2061 |
| G8012.0 | 1715 | 1810 | 921 | 2159 |

| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|------------------------|----------|--|---------------------------------------|
| | Displacement (Cu. In.) | | | |

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.: GHI 2.03 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

**Double-Acting Actuators
G-Series (cont.)**

| Actuator Model | Displacement (Cu. In.) | | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|------------------------|----------|--|---------------------------------------|
| | Inboard | Outboard | | |
| G10006.0 | 420 | 594 | 5000 | 3278 |
| G10007.0 | 634 | 808 | 4125 | 3332 |
| G10008.0 | 881 | 1056 | 3158 | 3305 |
| G10009.0 | 1162 | 1336 | 2495 | 3357 |
| G10010.0 | 1475 | 1649 | 2021 | 3411 |
| G10012.0 | 2201 | 2375 | 1403 | 3508 |
| G10014.0 | 3058 | 3233 | 1031 | 3653 |
| G13008.0 | 1018 | 1357 | 4912 | 5981 |
| G13009.0 | 1378 | 1718 | 3881 | 6083 |
| G13010.0 | 1781 | 2121 | 3144 | 6066 |
| G13011.0 | 2227 | 2566 | 2598 | 6125 |
| G13012.0 | 2714 | 3054 | 2183 | 6078 |
| G13014.0 | 3817 | 4156 | 1604 | 6247 |
| G13016.0 | 5089 | 5429 | 1228 | 6443 |
| G13018.0 | 6531 | 6871 | 970 | 6609 |

| Actuator Model | Inboard | Outboard | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|------------------------|----------|--|---------------------------------------|
| | Displacement (Cu. In.) | | | |

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.: GHI 2.04 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G01001.5-SR4 | 5.5 | 5000 | 253 |
| G01001.7-SR4 | 7.7 | 4820 | 254 |
| SR3 | 7.7 | 4820 | 263 |
| SR2 | 7.7 | 4820 | 268 |
| SR1 | 7.7 | 4820 | 270 |
| G01002.0-SR4 | 11.2 | 3691 | 255 |
| SR3 | 11.2 | 3691 | 264 |
| SR2 | 11.2 | 3691 | 269 |
| SR1 | 11.2 | 3691 | 271 |
| G01002.2-SR4 | 15.2 | 2916 | 256 |
| SR3 | 15.2 | 2916 | 265 |
| SR2 | 15.2 | 2916 | 270 |
| SR1 | 15.2 | 2916 | 272 |
| G01002.5-SR4 | 19.6 | 2362 | 257 |
| SR3 | 19.6 | 2362 | 266 |
| SR2 | 19.6 | 2362 | 271 |
| SR1 | 19.6 | 2362 | 273 |
| G01003.0-SR4 | 29.8 | 1640 | 260 |
| SR3 | 29.8 | 1640 | 269 |
| SR2 | 29.8 | 1640 | 274 |
| SR1 | 29.8 | 1640 | 276 |
| G01003.5-SR4 | 42.0 | 1205 | 264 |
| SR3 | 42.0 | 1205 | 273 |
| SR2 | 42.0 | 1205 | 278 |
| SR1 | 42.0 | 1205 | 280 |
| G2001.7-SR6 | 9.3 | 5000 | 295 |
| SR5 | 9.3 | 5000 | 335 |
| SR4 | 9.3 | 5000 | 335 |
| SR3 | 9.3 | 5000 | 350 |
| SR2 | 9.3 | 5000 | 350 |
| G2002.0-SR6 | 13.5 | 4921 | 299 |
| SR5 | 13.5 | 4921 | 339 |
| SR4 | 13.5 | 4921 | 339 |
| SR3 | 13.5 | 4921 | 354 |
| SR2 | 13.5 | 4921 | 354 |
| SR1 | 13.5 | 4921 | 354 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G2002.2-SR6 | 18.3 | 3634 | 319 |
| SR5 | 18.3 | 3634 | 359 |
| SR4 | 18.3 | 3634 | 359 |
| SR3 | 18.3 | 3634 | 374 |
| SR2 | 18.3 | 3634 | 374 |
| SR1 | 18.3 | 3634 | 389 |
| G2002.5-SR6 | 23.7 | 2812 | 321 |
| SR5 | 23.7 | 2812 | 361 |
| SR4 | 23.7 | 2812 | 361 |
| SR3 | 23.7 | 2812 | 376 |
| SR2 | 23.7 | 2812 | 376 |
| SR1 | 23.7 | 2812 | 391 |
| G2003.0-SR6 | 36 | 1845 | 324 |
| SR5 | 36 | 1845 | 364 |
| SR4 | 36 | 1845 | 364 |
| SR3 | 36 | 1845 | 379 |
| SR2 | 36 | 1845 | 379 |
| SR1 | 36 | 1845 | 394 |
| G2003.5-SR6 | 50.8 | 1312 | 327 |
| SR5 | 50.8 | 1312 | 367 |
| SR4 | 50.8 | 1312 | 367 |
| SR3 | 50.8 | 1312 | 382 |
| SR2 | 50.8 | 1312 | 382 |
| SR1 | 50.8 | 1312 | 397 |
| G2004.0-SR6 | 67.7 | 984 | 331 |
| SR5 | 67.7 | 984 | 371 |
| SR4 | 67.7 | 984 | 371 |
| SR3 | 67.7 | 984 | 386 |
| SR2 | 67.7 | 984 | 386 |
| SR1 | 67.7 | 984 | 401 |
| G3002.0-SR4 | 13.4 | 5000 | 509 |
| G3002.2-SR4 | 19.2 | 5000 | 511 |
| SR3 | 19.2 | 5000 | 525 |
| SR2 | 19.2 | 5000 | 541 |
| SR1 | 19.2 | 5000 | 545 |
| G3002.5-SR4 | 25.8 | 4527 | 516 |
| SR3 | 25.8 | 4527 | 530 |
| SR2 | 25.8 | 4527 | 546 |
| SR1 | 25.8 | 4527 | 550 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

* **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.: GHI 2.05 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G3003.0-SR4 | 41 | 2853 | 514 |
| SR3 | 41 | 2853 | 528 |
| SR2 | 41 | 2853 | 544 |
| SR1 | 41 | 2853 | 548 |
| G3003.5-SR4 | 58.8 | 1986 | 518 |
| SR3 | 58.8 | 1986 | 532 |
| SR2 | 58.8 | 1986 | 548 |
| SR1 | 58.8 | 1986 | 552 |
| G3004.0-SR4 | 79.4 | 1470 | 523 |
| SR3 | 79.4 | 1470 | 537 |
| SR2 | 79.4 | 1470 | 553 |
| SR1 | 79.4 | 1470 | 557 |
| G3004.5-SR4 | 103 | 1470 | 523 |
| SR3 | 103 | 1470 | 537 |
| SR2 | 103 | 1470 | 553 |
| SR1 | 103 | 1470 | 557 |
| G3004.5-SR4 | 103 | 1136 | 525 |
| SR3 | 103 | 1136 | 539 |
| SR2 | 103 | 1136 | 555 |
| SR1 | 103 | 1136 | 559 |
| G4002.5-SR4 | 26.7 | 5000 | 825 |
| G4003.0-SR4 | 45 | 5000 | 839 |
| SR3 | 45 | 5000 | 898 |
| SR2 | 45 | 5000 | 914 |
| SR1 | 45 | 5000 | 924 |
| G4003.5-SR4 | 66.8 | 3495 | 837 |
| SR3 | 66.8 | 3495 | 896 |
| SR2 | 66.8 | 3495 | 912 |
| SR1 | 66.8 | 3495 | 922 |
| G4004.0-SR4 | 91.8 | 2542 | 839 |
| SR3 | 91.8 | 2542 | 899 |
| SR2 | 91.8 | 2542 | 915 |
| SR1 | 91.8 | 2542 | 924 |
| G4004.5-SR4 | 120 | 1942 | 839 |
| SR3 | 120 | 1942 | 899 |
| SR2 | 120 | 1942 | 915 |
| SR1 | 120 | 1942 | 924 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G4005.0-SR4 | 152 | 1536 | 845 |
| SR3 | 152 | 1536 | 905 |
| SR2 | 152 | 1536 | 921 |
| SR1 | 152 | 1536 | 930 |
| G4006.0-SR4 | 225 | 1036 | 860 |
| SR3 | 225 | 1036 | 919 |
| SR2 | 225 | 1036 | 935 |
| SR1 | 225 | 1036 | 944 |
| G5003.5-SR4 | 71 | 5000 | 1561 |
| SR3 | 71 | 5000 | 1626 |
| G5004.0-SR4 | 104 | 5000 | 1600 |
| SR3 | 104 | 5000 | 1665 |
| SR2 | 104 | 5000 | 1720 |
| SR1 | 104 | 5000 | 1715 |
| G5004.5-SR4 | 140 | 3799 | 1579 |
| SR3 | 140 | 3799 | 1644 |
| SR2 | 140 | 3799 | 1699 |
| SR1 | 140 | 3799 | 1694 |
| G5005.0-SR4 | 181 | 2940 | 1589 |
| SR3 | 181 | 2940 | 1654 |
| SR2 | 181 | 2940 | 1709 |
| SR1 | 181 | 2940 | 1704 |
| G5006.0-SR4 | 276 | 1929 | 1586 |
| SR3 | 276 | 1929 | 1651 |
| SR2 | 276 | 1929 | 1706 |
| SR1 | 276 | 1929 | 1701 |
| G5007.0-SR4 | 389 | 1372 | 1596 |
| SR3 | 389 | 1372 | 1661 |
| SR2 | 389 | 1372 | 1716 |
| SR1 | 389 | 1372 | 1711 |
| G5008.0-SR4 | 518 | 1029 | 1630 |
| SR3 | 518 | 1029 | 1695 |
| SR2 | 518 | 1029 | 1750 |
| SR1 | 518 | 1029 | 1745 |
| G7004.0-SR4 | 116 | 5000 | 2881 |
| SR3 | 116 | 5000 | 2796 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

* **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.: GHI 2.06 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G7004.5-SR4 | 161 | 5000 | 2895 |
| SR3 | 161 | 5000 | 2810 |
| SR2 | 161 | 5000 | 3160 |
| SR1 | 161 | 5000 | 3075 |
| G7005.0-SR4 | 211 | 4888 | 2911 |
| SR3 | 211 | 4888 | 2826 |
| SR2 | 211 | 4888 | 3176 |
| SR1 | 211 | 4888 | 3091 |
| G7006.0-SR4 | 328 | 3150 | 2897 |
| SR3 | 328 | 3150 | 2812 |
| SR2 | 328 | 3150 | 3162 |
| SR1 | 328 | 3150 | 3077 |
| G7007.0-SR4 | 466 | 2218 | 2925 |
| SR3 | 466 | 2218 | 2840 |
| SR2 | 466 | 2218 | 3190 |
| SR1 | 466 | 2218 | 3105 |
| G7008.0-SR4 | 625 | 1654 | 2931 |
| SR3 | 625 | 1654 | 2846 |
| SR2 | 625 | 1654 | 3196 |
| SR1 | 625 | 1654 | 3111 |
| G7009.0-SR4 | 805 | 1283 | 2988 |
| SR3 | 805 | 1283 | 2903 |
| SR2 | 805 | 1283 | 3253 |
| SR1 | 805 | 1283 | 3173 |
| G7010.0-SR4 | 1007 | 1027 | 2994 |
| SR3 | 1007 | 1027 | 2909 |
| SR2 | 1007 | 1027 | 3249 |
| SR1 | 1007 | 1027 | 3174 |
| G8005.0-SR3 | 219 | 5000 | 4826 |
| SR3 | 219 | 5000 | 4987 |
| G8006.0-SR3 | 357 | 4664 | 4890 |
| SR2 | 357 | 4664 | 5051 |
| SR1 | 357 | 4664 | 5340 |
| G8007.0-SR3 | 521 | 3201 | 4900 |
| SR2 | 521 | 3201 | 5061 |
| SR1 | 521 | 3201 | 5350 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G8008.0-SR3 | 709 | 2350 | 4874 |
| SR3 | 709 | 2350 | 5035 |
| SR2 | 709 | 2350 | 5324 |
| G8009.0-SR3 | 923 | 1806 | 4910 |
| SR3 | 923 | 1806 | 5071 |
| SR2 | 923 | 1806 | 5360 |
| G8010.0-SR3 | 1162 | 1435 | 4916 |
| SR3 | 1162 | 1435 | 5077 |
| SR2 | 1162 | 1435 | 5366 |
| G8012.0-SR3 | 1715 | 972 | 5014 |
| SR3 | 1715 | 972 | 5175 |
| SR2 | 1715 | 972 | 5464 |
| G10006.0-SR4 | 420 | 5000 | 8024 |
| G10007.0-SR4 | 634 | 5000 | 6868 |
| SR3 | 634 | 5000 | 7228 |
| SR2 | 634 | 5000 | 7618 |
| SR1 | 634 | 5000 | 8078 |
| G10008.0-SR4 | 881 | 3782 | 6841 |
| SR3 | 881 | 3782 | 7201 |
| SR2 | 881 | 3782 | 7591 |
| SR1 | 881 | 3782 | 8051 |
| G10009.0-SR4 | 1162 | 2840 | 6893 |
| SR3 | 1162 | 2840 | 7253 |
| SR2 | 1162 | 2840 | 7643 |
| SR1 | 1162 | 2840 | 8103 |
| G10010.0-SR4 | 1475 | 2260 | 6947 |
| SR3 | 1475 | 2260 | 7307 |
| SR2 | 1475 | 2260 | 7697 |
| SR1 | 1475 | 2260 | 8157 |
| G10012.0-SR4 | 2201 | 1515 | 7044 |
| SR3 | 2201 | 1515 | 7404 |
| SR2 | 2201 | 1515 | 7794 |
| SR1 | 2201 | 1515 | 8254 |
| G10014.0-SR4 | 3058 | 1090 | 7189 |
| SR3 | 3058 | 1090 | 7549 |
| SR2 | 3058 | 1090 | 7939 |
| SR1 | 3058 | 1090 | 8399 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

* **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.: GHI 2.07 RevB

Date: August 2010

G-Series

Performance Data – (Hydraulic)

Spring-Return Actuators

G-Series (cont.)

| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |
|----------------|--|--|---------------------------------------|
| G13008.0-SR4 | 1018 | 5000 | 13106 |
| SR3 | 1018 | 5000 | 13841 |
| SR2 | 1018 | 5000 | 15056 |
| G13009.0-SR4 | 1378 | 4837 | 13208 |
| SR3 | 1378 | 4837 | 13943 |
| SR2 | 1378 | 4837 | 15158 |
| SR1 | 1378 | 4837 | 15893 |
| G13010.0-SR4 | 1781 | 3743 | 13191 |
| SR3 | 1781 | 3743 | 13926 |
| SR2 | 1781 | 3743 | 15141 |
| SR1 | 1781 | 3743 | 15876 |
| G13011.0-SR4 | 2227 | 2994 | 13197 |
| SR3 | 2227 | 2994 | 13832 |
| SR2 | 2227 | 2994 | 15047 |
| SR1 | 2227 | 2994 | 15782 |
| G13012.0-SR4 | 2714 | 2456 | 13203 |
| SR3 | 2714 | 2456 | 13938 |
| SR2 | 2714 | 2456 | 15153 |
| SR1 | 2714 | 2456 | 15888 |
| G13014.0-SR4 | 3817 | 1747 | 13372 |
| SR3 | 3817 | 1747 | 14107 |
| SR2 | 3817 | 1747 | 15322 |
| SR1 | 3817 | 1747 | 16057 |
| G13016.0-SR4 | 5089 | 1310 | 13568 |
| SR3 | 5089 | 1310 | 14303 |
| SR2 | 5089 | 1310 | 15518 |
| SR1 | 5089 | 1310 | 16253 |
| G13018.0-SR4 | 6531 | 1021 | 13734 |
| SR3 | 6531 | 1021 | 14469 |
| SR2 | 6531 | 1021 | 15684 |
| SR1 | 6531 | 1021 | 16419 |
| Actuator Model | Inboard Displacement Per Stroke (Cu.In.) | Maximum Operating Pressure (MOP)* (PSIG) | Approximate Weight of Actuator (Lbs.) |

* **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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Updated data sheets can be obtained from our website www.bettis.com or from your nearest Valve Automation Center.

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