Performance Data – (Pneumatic)

Double-Acting Actuators
G-Series

Actuator Model	Volume (cu cm)▲		Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
	Inboard	Outboard		
G01108	5981.0	5620.7	13.2	66.3
G01109	7620.0	7128.4	10.4	68.5
G01110	10176.3	9504.5	7.9	73.1
G01112	14715.5	13683.1	5.5	78.1
G01114	17960.2	16632.8	4.6	82.6
G2109	7620.0	7128.4	13.0	84.4
G2110	10176.4	9504.5	9.7	86.4
G2112	14715.6	13683.0	7.0	92.3
G2114	17960.0	16633.0	5.6	96.8
G2116	23646.5	21893.0	4.2	113.9
G3110	12306.7	12569.0	13.8	116.6
G3112	17911.0	18091.3	9.8	123.8
G3114	21909.5	22024.0	8.0	128.4
G3116	28448.0	27809.0	6.2	142.4
G3120	48178.0	43835.4	4.0	171.5
G4112	22188.0	20992.0	13.8	191.0
G4114	26973.0	25580.0	13.4	196.4
G4116	35593.0	33872.0	10.0	208.7
G4120	47277.0	53700.0	6.3	250.4
G4124	84328.0	77691.0	4.3	287.1
G4128	115611.0	110547.0	3.0	361.5
G5116	45261.0	42656.0	13.8	389.6
G5120	71825.0	68121.0	11.3	392.8
G5124	102108.0	100404.0	7.7	442.7
G5128	142059.0	141896.0	5.5	521.6
G5132	192040.0	171573.0	4.2	699.0
G5136	239054.0	214802.0	3.3	819.6
G7120	77675.0	77134.0	13.8	753.4
G7124	119904.0	111858.0	12.3	757.5
G7128	177341.0	176980.0	8.7	852.8
G7132	231484.0	220259.0	6.6	984.3
G7136	280252.0	243364.0	5.2	1120.4

▲ Maximum volume including cavity required for calculating consumption per stroke.

* **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.

• For dual cylinder models this volume equals the volume of one inboard plus one outboard.

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Performance Data – (Pneumatic)

Double-Acting Actuators
G-Series (cont.)

Actuator Model	Volume (cu cm)▲		Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
	Inboard	Outboard		
• G71228	354321.0	354321.0	4.3	1201.1
G8124	133620.0	131785.0	13.8	1072.3
G8128	215293.0	195350.0	12.0	1133.9
G8132	281710.0	258768.0	9.0	1227.0
G8136	356992.0	329380.0	7.0	1483.7
G8140	441123.0	409562.0	5.8	1603.0
• G81232	540478.0	540478.0	4.5	1717.8
• G81236	686372.0	686372.0	3.6	2231.2
G10128	302538.0	278170.0	13.8	1661.7
G10132	348586.0	320367.0	13.8	1798.7
G10136	442090.0	417723.0	11.0	2032.8
G10140	546591.0	519126.0	8.8	2156.1
• G101232	668953.0	668953.0	7.0	2399.1
• G101236	859813.0	859813.0	5.5	2867.2
• G101240	1065700.0	1065700.0	4.4	3113.9
G13140	725029.0	719785.0	13.8	3504.0
G13144	884213.0	873004.0	11.4	3603.8
G13148	1058555.0	1040824.0	9.7	3998.4
G13152	1248055.0	1223262.0	8.3	4061.9
• G131240	1444815.0	1444815.0	7.0	4819.4
• G131244	1757218.0	1757218.0	5.7	5019.0
• G131248	2099380.0	2099380.0	4.8	5808.3
• G131252	2471317.0	2471317.0	4.0	5935.3

▲ Maximum volume including cavity required for calculating consumption per stroke.
* **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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MSP is calculated by multiplying MOP times 1.25 for G-Series actuators.
• For dual cylinder models this volume equals the volume of one inboard plus one outboard.

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Performance Data – (Pneumatic)

Spring-Return Actuators
G-Series

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G01108-SR4	5981	13.2	129.9
SR3	5981	13.2	134.0
SR2	5981	13.2	136.2
SR1	5981	13.2	137.1
G01109-SR4	7620	13.8	132.1
SR3	7620	13.8	136.2
SR2	7620	13.8	138.5
SR1	7620	13.8	139.4
G01110-SR4	10176	11.5	136.7
SR3	10176	11.5	140.8
SR2	10176	11.5	143.0
SR1	10176	11.5	143.9
G01112-SR4	14716	8.0	141.5
SR3	14716	8.0	145.6
SR2	14716	8.0	147.9
SR1	14716	8.0	148.8
G01114-SR4	17960	6.3	146.2
SR3	17960	6.3	150.3
SR2	17960	6.3	152.5
SR1	17960	6.3	153.5
G2109-SR6	7620	12.9	163.0
SR5	7620	12.9	172.0
SR4	7620	12.9	181.1
SR3	7620	12.9	187.9
SR2	7620	12.9	191.1
SR1	7620	12.9	194.7
G2110-SR6	10176	9.7	165.1
SR5	10176	9.7	174.2
SR4	10176	9.7	183.3
SR3	10176	9.7	190.1
SR2	10176	9.7	193.2
SR1	10176	9.7	196.9
G2112-SR6	14716	6.9	171.0
SR5	14716	6.9	180.1
SR4	14716	6.9	189.1
SR3	14716	6.9	196.0
SR2	14716	6.9	199.1
SR1	14716	6.9	202.8
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G2114-SR6	17960	5.6	175.5
SR5	17960	5.6	184.6
SR4	17960	5.6	193.7
SR3	17960	5.6	200.5
SR2	17960	5.6	203.7
SR1	17960	5.6	207.3
G2116-SR6	23647	4.2	192.3
SR5	23647	4.2	201.4
SR4	23647	4.2	210.5
SR3	23647	4.2	217.3
SR2	23647	4.2	220.4
SR1	23647	4.2	224.1
G3110-SR4	12307	13.8	251.3
SR3	12307	13.8	257.6
SR2	12307	13.8	264.9
SR1	12307	13.8	266.7
G3112-SR4	17911	9.8	258.5
SR3	17911	9.8	264.9
SR2	17911	9.8	272.2
SR1	17911	9.8	274.0
G3114-SR4	21910	8.1	263.1
SR3	21910	8.1	269.4
SR2	21910	8.1	276.7
SR1	21910	8.1	278.5
G3116-SR4	28448	6.2	277.1
SR3	28448	6.2	283.5
SR2	28448	6.2	290.8
SR1	28448	6.2	292.6
G3120-SR4	48178	3.9	306.2
SR3	48178	3.9	312.5
SR2	48178	3.9	319.8
SR1	48178	3.9	321.6
G4112-SR4	20992	13.8	400.5
SR3	20992	13.8	427.7
SR2	20992	13.8	435.0
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

▲ Maximum volume including cavity required for calculating consumption per stroke.

* **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.

• For dual cylinder models this volume equals the volume of one inboard plus one outboard.

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Performance Data – (Pneumatic)

Spring-Return Actuators
G-Series (cont.)

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G4114-SR4	25580	13.4	406.0
SR3	25580	13.4	432.7
SR2	25580	13.4	440.0
SR1	25580	13.4	444.5
G4116-SR4	33872	10.1	418.2
SR3	33872	10.1	445.0
SR2	33872	10.1	452.7
SR1	33872	10.1	456.8
G4120-SR4	53700	6.3	459.9
SR3	53700	6.3	487.2
SR2	53700	6.3	494.4
SR1	53700	6.3	498.5
G4124-SR4	77691	4.3	496.7
SR3	77691	4.3	523.4
SR2	77691	4.3	530.7
SR1	77691	4.3	534.8
G4128-SR3	110547	3.1	598.3
SR2	110547	3.1	605.5
SR1	110547	3.1	609.6
G5116-SR4	42656	13.8	770.2
SR3	42656	13.8	799.2
SR2	42656	13.8	824.6
G5120-SR4	68121	11.3	773.4
SR3	68121	11.3	802.4
SR2	68121	11.3	827.8
SR1	68121	11.3	825.1
G5124-SR4	100404	7.7	823.3
SR3	100404	7.7	852.3
SR2	100404	7.7	877.7
SR1	100404	7.7	875.0
G5128-SR4	141896	5.5	902.2
SR3	141896	5.5	931.2
SR2	141896	5.5	956.6
SR1	141896	5.5	953.9
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G5132-SR4	171573	4.2	1079.6
SR3	171573	4.2	1108.1
SR2	171573	4.2	1134.0
SR1	171573	4.2	1131.3
G5136-SR3	214785	3.3	1229.2
SR2	214785	3.3	1254.6
SR1	214785	3.3	1251.9
G7120-SR4	77134	13.8	1446.5
SR3	77134	13.8	1408.0
G7124-SR4	111858	12.3	1450.6
SR3	111858	12.3	1412.0
SR2	111858	12.3	1570.8
SR1	111858	12.3	1532.2
G7128-SR4	176980	8.7	1545.8
SR3	176980	8.7	1507.3
SR2	176980	8.7	1666.0
SR1	176980	8.7	1627.5
G7132-SR4	220259	6.6	1677.4
SR3	220259	6.6	1638.8
SR2	220259	6.6	1797.6
SR1	220259	6.6	1759.0
G7136-SR4	243364	5.2	1813.5
SR3	243364	5.2	1774.9
SR2	243364	5.2	1933.7
SR1	243364	5.2	1895.1
G71T28-SR3	353961	4.3	1857.5
SR2	353961	4.3	2016.2
SR1	353961	4.3	1977.7
G8124-SR3	132784	13.8	2367.8
SR2	132784	13.8	2440.8
SR1	132784	13.8	2571.9
G8128-SR3	195350	11.9	2429.4
SR2	195350	11.9	2502.0
SR1	195350	11.9	2633.6
G8132-SR3	258768	9.0	2522.4
SR2	258768	9.0	2595.5
SR1	258768	9.0	2726.5
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

▲ Maximum volume including cavity required for calculating consumption per stroke.

* **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.
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• For dual cylinder models this volume equals the volume of one inboard plus one outboard.

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Performance Data – (Pneumatic)

Spring-Return Actuators
G-Series (cont.)

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G8136-SR3	329380	7.1	2779.2
SR2	329380	7.1	2852.2
SR1	329380	7.1	2983.3
G8140-SR3	409562	5.8	2898.5
SR2	409562	5.8	2971.5
SR1	409562	5.8	3102.6
G81T32-SR3	517536	4.5	3042.2
SR2	517536	4.5	3115.3
SR1	517536	4.5	3246.4
G81T36-SR3	658760	3.6	3555.7
SR2	658760	3.6	3628.7
SR1	658760	3.6	3759.8
G10128-SR4	278170	13.8	3269.5
SR3	278170	13.8	3432.8
SR2	278170	13.8	3609.7
G10132-SR4	320367	13.8	3406.5
SR3	320367	13.8	3569.8
SR2	320367	13.8	3746.7
SR1	320367	13.8	3955.3
G10136-SR4	417723	10.9	3640.5
SR3	417723	10.9	3795.7
SR2	417723	10.9	3980.7
SR1	417723	10.9	4230.2
G10140-SR4	519126	8.8	3763.9
SR3	519126	8.8	3927.2
SR2	519126	8.8	4104.1
SR1	519126	8.8	4312.8
G101T32-SR4	640734	6.9	3971.2
SR3	640734	6.9	4134.5
SR2	640734	6.9	4311.4
SR1	640734	6.9	4520.1
G101T36-SR4	835445	5.5	4357.7
SR3	835445	5.5	4521.0
SR2	835445	5.5	4697.9
SR1	835445	5.5	4906.5
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)
G101T40-SR4	1038252	4.4	4582.6
SR3	1038252	4.4	4745.9
SR2	1038252	4.4	4922.8
SR1	1038252	4.4	5131.5
G13140-SR4	725029	13.8	6735.9
SR3	725029	13.8	7069.2
SR2	725029	13.8	7620.4
SR1	725029	13.8	7953.8
G13144-SR4	884213	11.4	6835.6
SR3	884213	11.4	7169.0
SR2	884213	11.4	7720.2
SR1	884213	11.4	8053.5
G13148-SR4	1058555	9.7	7230.3
SR3	1058555	9.7	7563.7
SR2	1058555	9.7	8114.8
SR1	1058555	9.7	8448.2
G13152-SR4	1248055	8.3	7293.8
SR3	1248055	8.3	7627.2
SR2	1248055	8.3	8178.3
SR1	1248055	8.3	8511.7
G131T40-SR4	1488650	6.9	7779.1
SR3	1488650	6.9	8112.5
SR2	1488650	6.9	8663.6
SR1	1488650	6.9	8997.0
G131T44-SR4	1816850	5.7	7985.5
SR3	1816850	5.7	8318.9
SR2	1816850	5.7	8870.0
SR1	1816850	5.7	9203.4
G131T48-SR4	2176432	4.8	8727.1
SR3	2176432	4.8	9060.5
SR2	2176432	4.8	9611.6
SR1	2176432	4.8	9945.0
G131T52-SR4	2567394	4.1	8727.1
SR3	2567394	4.1	9060.5
SR2	2567394	4.1	9611.6
SR1	2567394	4.1	9945.0
Actuator Model	Volume Per Stroke (cu cm)▲	Maximum Operating Pressure (MOP)* (Bar)	Approximate Weight of Actuator (kg)

▲ Maximum volume including cavity required for calculating consumption per stroke.

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