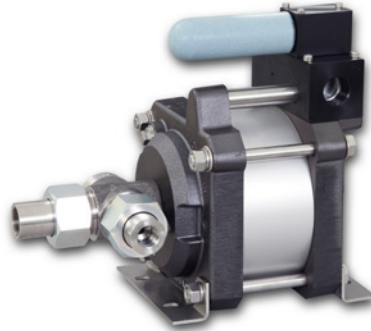


7,000 bar (101,000 psi)

Maximator pumps of the G series are available in single- or double-acting design with one or two air drive pistons. They are suitable for use in zone 1, category 2G/2D IIC TX explosion-proof areas (temperature class depending on medium temperature).

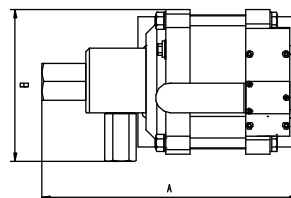
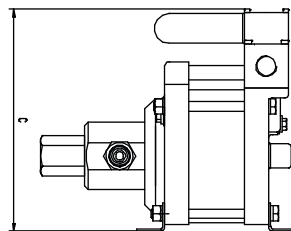


G-Pumps

- » **Single-acting**
- » **With one air drive piston**
- » **Operating pressures of up to 4,500 bar (65,250 psi)**
- Material: Stainless-steel pump heads and pistons
- Polyurethane seal; recommended for water operation: UHMWPE seal
- Standard models with bottom inlet, side inlet available on request
- G500(S) is only available with side inlet
- Maximum air drive pressure 10 bar (145 psi)
- Connection for direct pilot valve air for switching the pump on and off via solenoid valves with small nominal size

Options for G-Pumps

Note: Please refer to the information on models G...D and G...-2 on the following pages for the different options for G pumps.



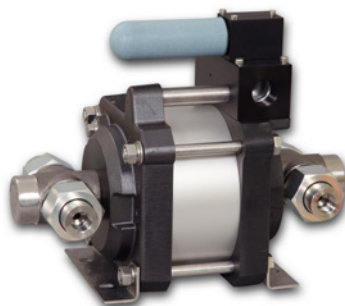
Type	Pressure ratio*	Displ. Volume **		Outlet pressure ***		Flow capacity l/min ****	Connections			Dimensions in mm			Weight kg
		cm ³	cu.inch	bar	psi		Air Drive L	Inlet A	Outlet B	A	B	C	
G10	1:11	90.0	5.49	110	1595	18.53	3/4 BSPP	1 BSPP	3/4 BSPP	311	190.5	272	16.0
G15	1:16	62.0	3.78	160	2320	12.86	3/4 BSPP	1 BSPP	3/4 BSPP	311	190.5	272	16.0
G25	1:28	35.3	2.15	280	4260	7.24	3/4 BSPP	3/4 BSPP	3/4 BSPP	296	181	272	14.5
G35	1:40	24.5	1.49	400	6800	5.02	3/4 BSPP	3/4 BSPP	3/4 BSPP	296	181	272	14.5
G60	1:63	15.4	0.94	630	9135	3.21	3/4 BSPP	3/4 BSPP	1/2 BSPP	321	184.5	272	13.5
G100	1:113	8.8	0.54	1050	15225	1.81	3/4 BSPP	3/4 BSPP	1/2 BSPP	321	184.5	272	13.5
G150	1:151	6.6	0.40	1450	21025	1.36	3/4 BSPP	3/4 BSPP	1/2 BSPP ^①	321	184.5	272	13.5
G250	1:265	3.8	0.23	2650	38425	0.77	3/4 BSPP	1/2 BSPP	9/16-18 UNF	300	193.5	272	13.5
G300	1:314	3.2	0.20	3140	45530	0.65	3/4 BSPP	1/2 BSPP	9/16-18 UNF	300	193.5	272	13.5
G400	1:398	2.5	0.15	3980	58000	0.51	3/4 BSPP	1/2 BSPP	9/16-18 UNF	300	193.5	272	13.5
G500S	1:519	1.9	0.12	4500	65250	0.39	3/4 BSPP	1/4 BSPP	9/16-18 UNF	362	181	272	13.5

Water or oil operation – G series up to 7,000 bar

Maximator pumps of the G series are available in single- or double-acting design with one or two air drive pistons. They are suitable for use in zone 1, category 2G/2D IIC TX explosion-proof areas (temperature class depending on medium temperature).

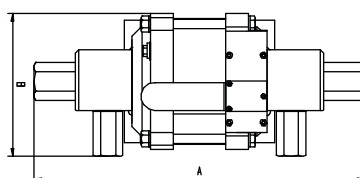
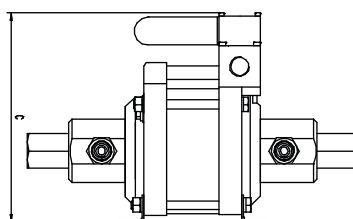
G...D-Pumps

- » **Double-acting**
- » **With one air drive piston**
- » **Operating pressures of up to 4,500 bar (65,250 psi)**



G...D pumps in double-acting design with one air drive piston provide approx. 50% more pump capacity than single-acting G pumps with lower pulsation.

- Standard models with UHMWPE seal with FKM O-ring
- Standard models with bottom inlet, side inlet available on request
- G60D(S) - G150D(S) with side inlet only
- Maximum air drive pressure 10 bar (145 psi)
- Connection for direct pilot valve air for switching the pump on and off via solenoid valves with small nominal size



Options for G pumps

- Seal version for optimised water operation up to 4,000 bar (58,000 psi):
Order code: G35 - (L)VE / G35D - VE
(not available for G500S and G500-2S)
- Seal version for oil operation
Order code: G35 - (L)
- Seal versions for special media
Order code: See media compatibility guide
- Side inlet (G500(S), G500-2(S) and G60D(S) to G150(D)S available with side inlet only) - **Order code: G35(L) - S / G35(L)VE - S**
Other options available on request.

Type	Pressure ratio*	Displ. Volume **		Outlet pressure ***		Flow capacity l/min ****	Connections			Dimensions in mm			Weight kg
		cm ³	cu.inch	bar	psi		Air Drive L	Inlet A	Outlet B	A	B	C	
G10D	1:10	180.0	10.98	100	1450	28.85	3/4 BSPP	1 BSPP	3/4 BSPP	442	190.5	272	22.0
G15D	1:15	124.0	7.56	150	2175	19.84	3/4 BSPP	1 BSPP	3/4 BSPP	442	190.5	272	22.0
G25D	1:27	70.6	4.31	270	3915	11.34	3/4 BSPP	3/4 BSPP	3/4 BSPP	412	181	272	19.0
G35D	1:40	49.0	2.99	400	6800	7.74	3/4 BSPP	3/4 BSPP	3/4 BSPP	412	181	272	19.0
G60DS	1:63	31.4	1.92	630	9135	5.04	3/4 BSPP	3/4 BSPP	1/2 BSPP	344	184.5	272	17.0
G100DS	1:113	17.6	1.07	1050	15225	2.78	3/4 BSPP	3/4 BSPP	1/2 BSPP	344	184.5	272	17.0
G150DS	1:151	13.2	0.81	1450	21025	2.10	3/4 BSPP	3/4 BSPP ①	1/2 BSPP	344	184.5	272	17.0

* Ratio – driving surface air drive piston / driven surface high pressure piston (calculated)

** Displacement volume per double stroke (calculated).

*** Static outlet pressure (calculated and maximum allowed)

**** Approximate flow at an air drive of 6 bar / 87 psi and an outlet pressure of 0 bar/psi.

① High pressure pumps with outlet connections type BSPP or NPT are suitable for outlet pressures of up to 1,050 bar (15,000 psi). For higher outlet pressures, the pumps must be ordered with high pressure connections according to the required pressure range.