

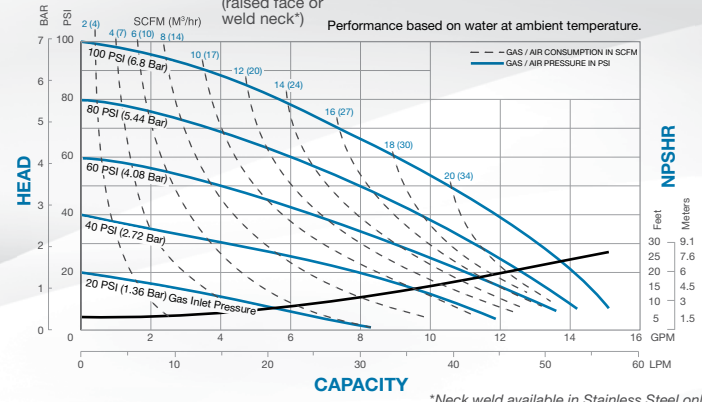
NATURAL GAS OPERATED PUMPS

PERFORMANCE & SPECIFICATIONS



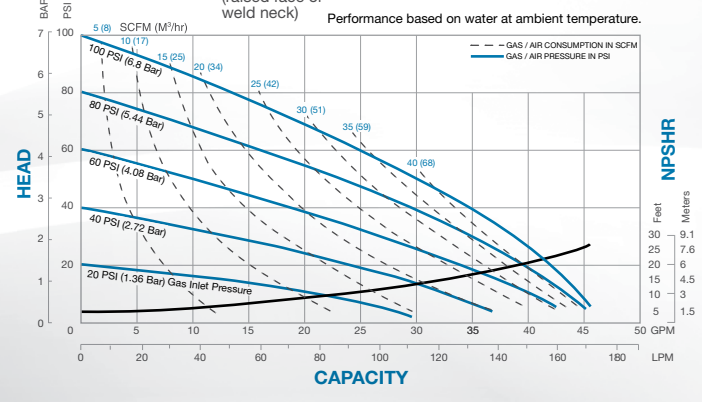
1/2" 12mm G05 Metallic Performance

- MAX FLOW**
 - 15 GPM (56 LPM)
- PORTING**
 - NPT / BSP (tapered)
 - ANSI Flange (raised face or weld neck*)
- GAS / AIR END**
 - Aluminum
 - Nitrile or FKM Elastomers
- WET END**
 - Aluminum
 - Stainless Steel



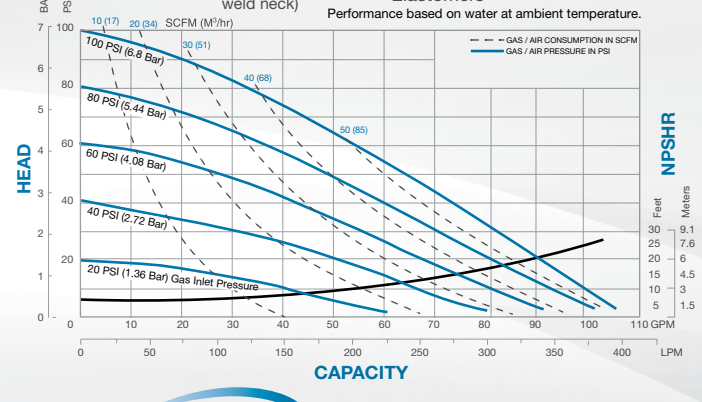
1" 25mm G1F Metallic Performance

- MAX FLOW**
 - 45 GPM (170 LPM)
- PORTING**
 - NPT / BSP (tapered)
 - ANSI Flange (raised face or weld neck)
- GAS / AIR END**
 - Aluminum
 - Nitrile or FKM Elastomers
- WET END**
 - Aluminum
 - Stainless Steel



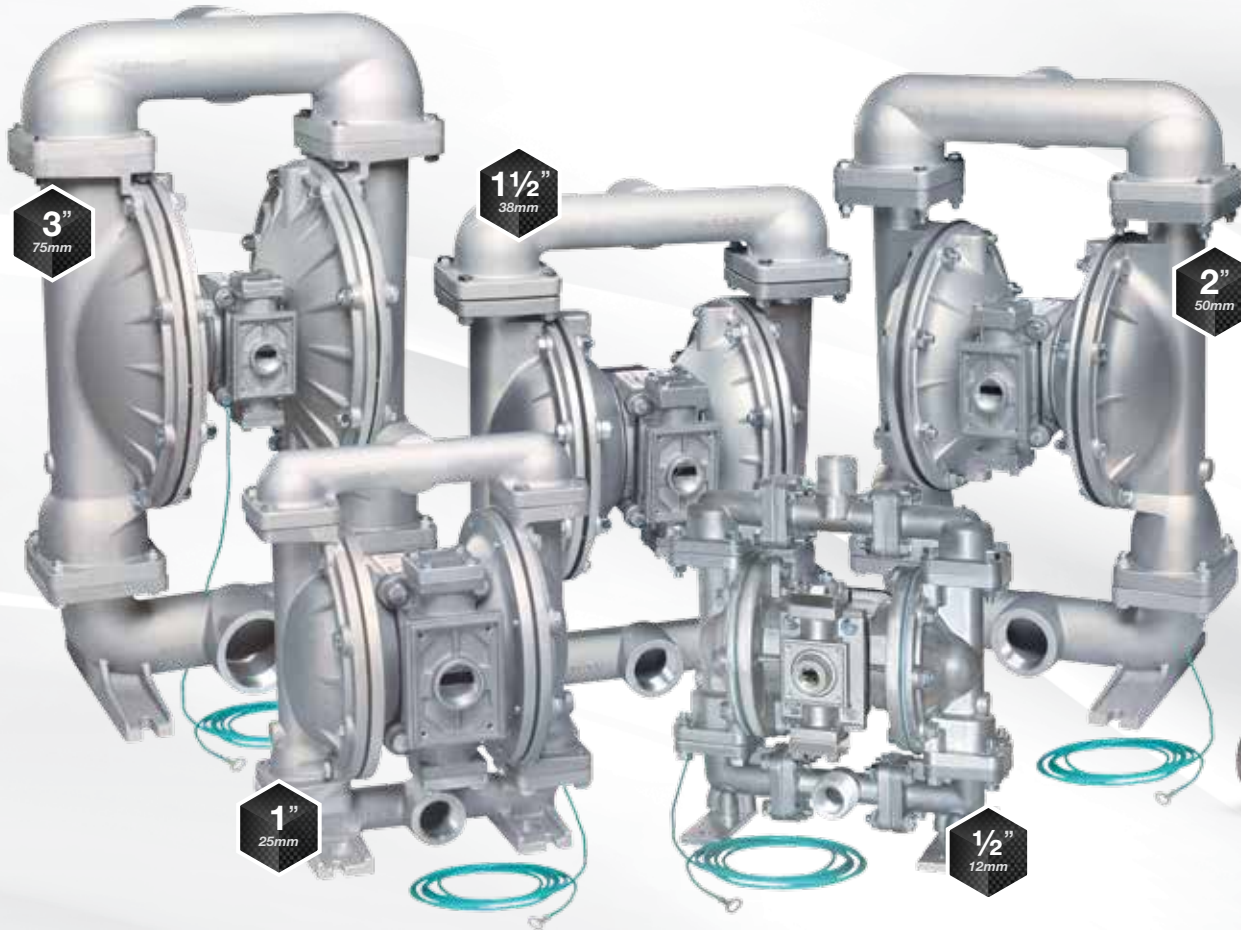
1 1/2" 38mm G15 Metallic Performance

- MAX FLOW**
 - 106 GPM (401 LPM)
- PORTING**
 - NPT / BSP (tapered)
 - ANSI Flange (raised face or weld neck)
- GAS / AIR END**
 - Aluminum
 - Stainless Steel
 - Nitrile or FKM Elastomers
- WET END**
 - Aluminum
 - Stainless Steel



SANDPIPER SERIES

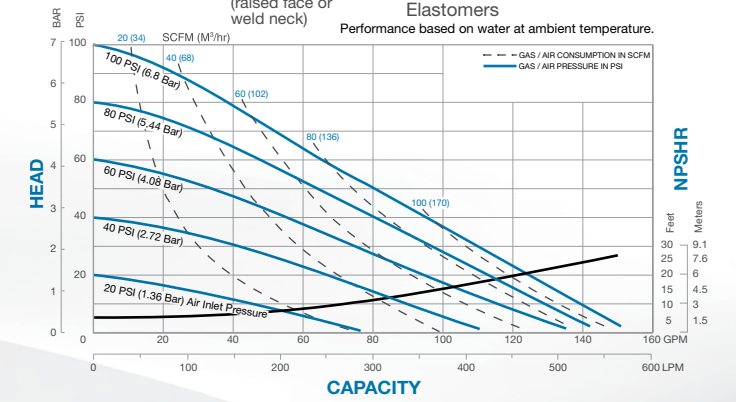
Natural Gas Operated Pumps are CSA* (Canadian Standards Association) certified to ANSI LC6 Standard and Canadian Technical Letter No. R-14 for operation using sweet or sour natural gas. These stringent tests meet the actual minimum and maximum temperatures that pumps are subjected to in typical gas and oil field applications. The pumps are also compliant with NACE Standard MR0175/ISO15156. The gas pump utilizes Aluminum or 316 Stainless Steel wetted construction with Nitrile or Virgin PTFE diaphragms and check balls. The gas center section and valve is constructed of Aluminum with Nitrile or FKM (fluorocarbon) elastomers. Pumps are fully groundable, preventing static discharge. A Stainless Steel gas center section and valve option is available on G15, G20 and G30 pumps for more corrosive applications.



- Remote Site Reliability**
5 minutes of on-site main or pilot valve ESADS+ Plus Air/Gas system repair with one wrench and removal of 4 bolts.
- Temperature Limits**
-10°F (-23°C) to 180°F (82°C).
- Hydrostatic Strength Test**
500 PSI (34.5 BAR).
- Safety Compliance**
 - Technical Letter No. R-14
 - ANSI LC6
 - NACE Standard MR0175/ISO15156

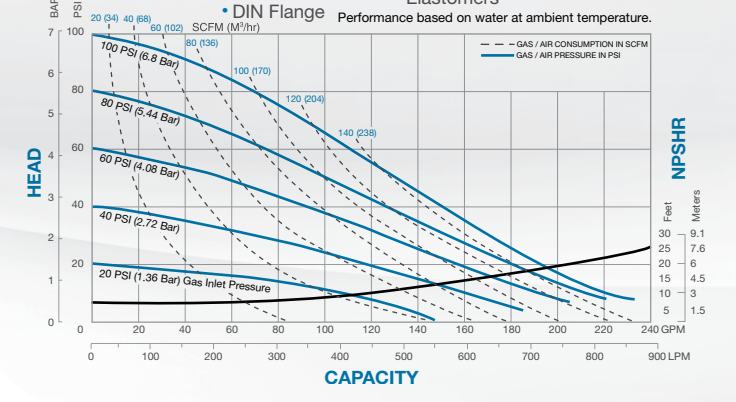
2" 50mm G20 Metallic Performance

- MAX FLOW**
 - 150 GPM (567 LPM)
- PORTING**
 - NPT / BSP (tapered)
 - ANSI Flange (raised face or weld neck)
- GAS / AIR END**
 - Aluminum
 - Stainless Steel
 - Nitrile or FKM Elastomers
- WET END**
 - Aluminum
 - Stainless Steel



3" 75mm G30 Metallic Performance

- MAX FLOW**
 - 235 GPM (889 LPM)
- PORTING**
 - NPT / BSP (tapered)
 - ANSI Flange (raised face)
 - DIN Flange
- GAS / AIR END**
 - Aluminum
 - Stainless Steel
 - Nitrile or FKM Elastomers
- WET END**
 - Aluminum
 - Stainless Steel



CSA Certified Natural Gas Regulators

SANDPIPER Natural Gas Regulators are reliable and environmentally friendly accessories for your CSA Certified process. The regulators help to prevent escaping gas in the case of a diaphragm rupture, by adding a simple pipe or hose fitting to the unit. All regulators come standard with a gauge, and replacement gauges (020.061.000) are also available. **LEARN MORE ON PAGE 67**

The **Interceptor 3P U Filters** are a great addition to any process concerned with particle material that may contaminate the material being pumped. **LEARN MORE ON PAGE 67**



ENGINEERED PUMPING SOLUTIONS WITH MORE WAYS THAN ONE

SANDPIPERPUMP.COM



OIL & GAS INDUSTRY PUMPS

PERFORMANCE & SPECIFICATIONS



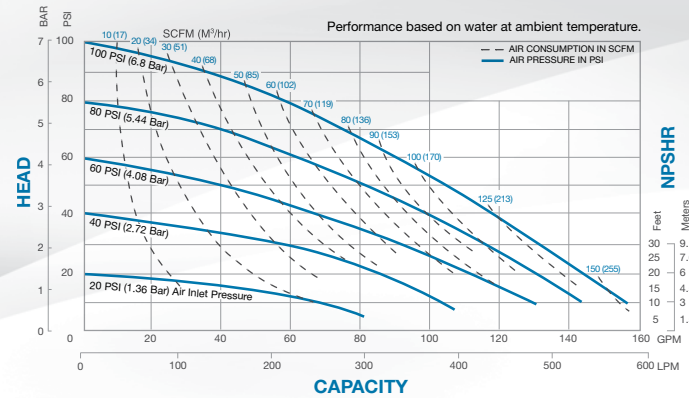
Drillers Series Pumps operate on compressed air and are ideal for the oil and gas industry.

2"
50mm

DMF2 Metallic Performance



- MAX FLOW** • 140 GPM (530 LPM)
- PORTING** • NPT / BSP
- AIR END** • Aluminum
- WET END** • Aluminum

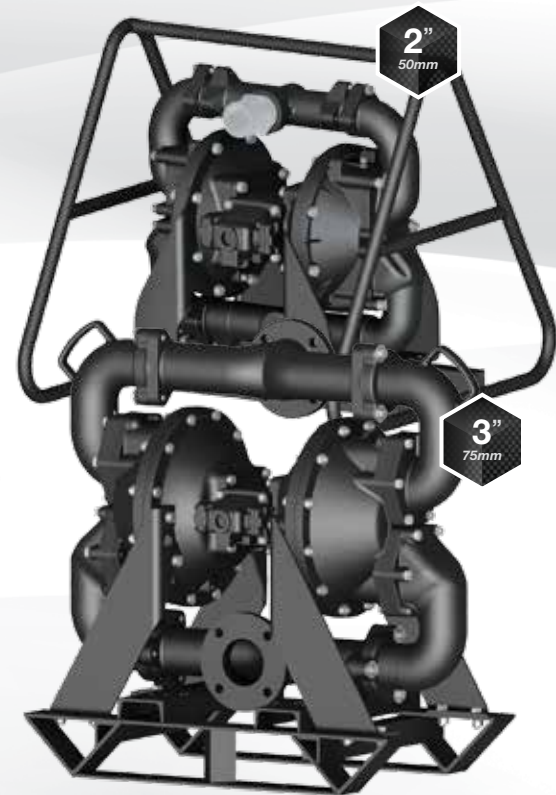
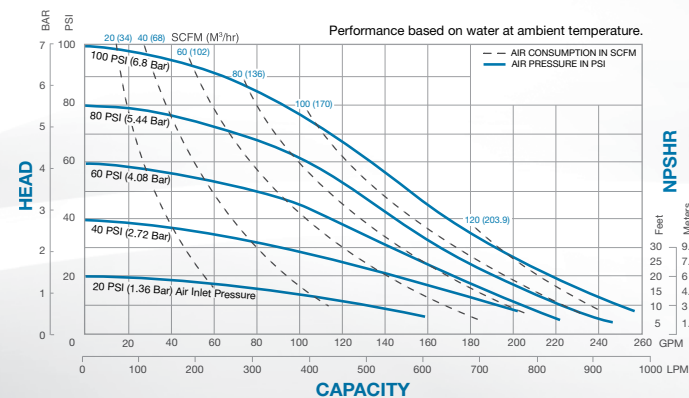


3"
75mm

DMF3 Metallic Performance



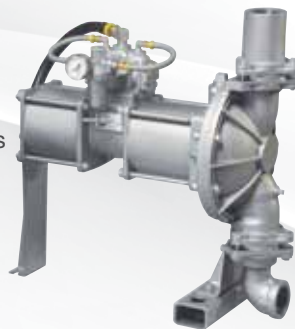
- MAX FLOW** • 260 GPM (988 LPM)
- PORTING** • ANSI Flange
- AIR END** • Aluminum
- WET END** • Aluminum



GH2 High Pressure Pumps Also Available

This air-powered single diaphragm high pressure metallic pump delivers discharge pressure twice the inlet pressure, up to 250 PSI (17.2 BAR). Also capable of meeting standards for CSA certification.

[LEARN MORE ON PAGE 58](#)



SPECIFICATIONS

PUMP MODELS	Dimensions					Porting (Standard)	Pipe Size	Displacement Per Stroke	Max Flow Per Minute	Max Solids Handling	Max Fluid Discharge Pressure	Max Air/ Gas Inlet Pressure
	A	B	C	D	E							
	Height	Width	Depth	Bottom of Base to Center Line of Suction	Bottom of Base to Center Line of Discharge							
G05	11.5 (292)	10.25 (260)	7.06 (179)	1.31 (33)	11.5 (292)	½" NPT	.5 (12)	.026 (.098)	15 (56)	.125 (3)	100 (7)	100 (7)
G1F	12.72 (323)	10.25 (260)	10.38 (264)	1.09 (28)	11.84 (301)	1" NPT	1 (25)	.11 (.42)	45 (170)	.25 (6)	100 (7)	100 (7)
G15	21.58 (548)	16.66 (423)	12.36 (314)	1.91 (49)	20.31 (516)	1½" NPT	1.5 (38)	.41 (4.55)	106 (401)	.25 (6)	100 (7)	100 (7)
G20	26.31 (668)	16.88 (428)	12.59 (320)	1.88 (48)	24.63 (625)	2" NPT	2 (50)	.42 (1.59)	150 (567)	.25 (6)	100 (7)	100 (7)
G30	32.06 (814)	19.66 (499)	15.75 (400)	2.34 (60)	29.97 (761)	3" NPT	3 (75)	.94 (3.56)	235 (889)	.38 (9)	100 (7)	100 (7)
DMF2	26.04 (661)	32 (813)	18.5 (470)	8.73 (222)	23.85 (606)	2" NPT	2 (50)	.43 (1.60)	140 (530)	2 (50)	125 (8.6)	125 (8.6)
DMF3	34.09 (866)	36.72 (933)	18.5 (470)	8.84 (224)	30.34 (771)	3" ANSI	3 (75)	1.62 (6.15)	260 (988)	3 (75)	125 (8.6)	125 (8.6)

Dimensional Tolerance: ±1/8" (± 3mm) • See service manual for complete specifications.

G05 thru G20 available in BSP & ANSI Raised Face or Weld Neck flange. G30 available in BSP, DIN, & ANSI Raised Face.

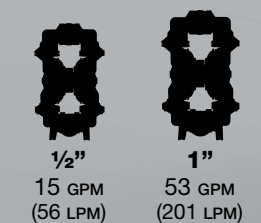
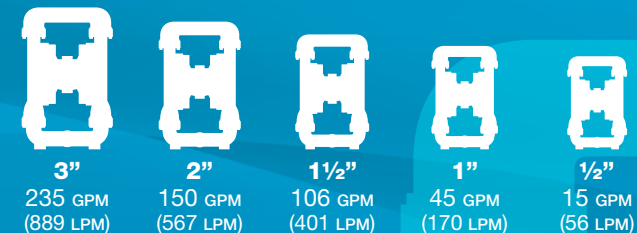


VS

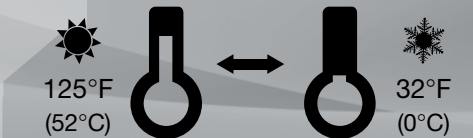
COMPETITOR

SANDPIPER PUMPS EXCEL IN EVERY ASPECT OF SAFETY AND RELIABILITY WITHIN THE OIL & GAS INDUSTRY

SIZE & FLOW



TEMP



SAFETY

Safety compliance with:

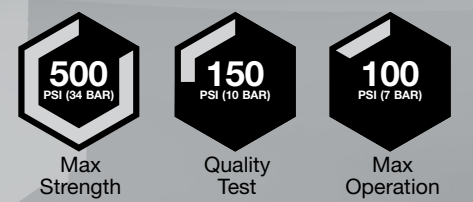


Safety compliance with:



ONLY ½" AND 1" SIZES

PSI (BAR)



ONLY TWO SMALLEST SIZE PUMPS ARE AVAILABLE

GAS VALVE



1½" - 3" can operate with up to 40 µm (micron) natural gas
½" - 1" capable of 20 µm (micron) natural gas



Can operate with up to 5 µm (micron) natural gas

GAS VALVE REPAIR



5 MINUTES of on-site main or pilot valve repair with one wrench and removal of only 4 bolts.



55 MINUTES of off-site main and pilot valve repair with a variety of tools needed to remove pump from line and transport for repair.

[Learn More About ESADS+Plus on Page 8](#)



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