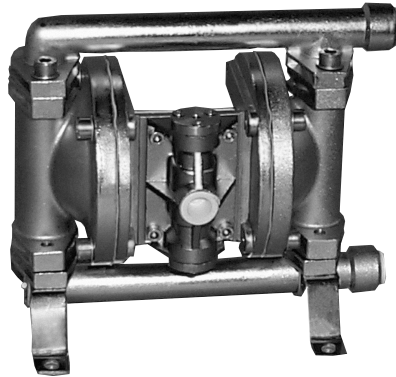


Quality System
ISO9001 Certified

Environmental
Management System
ISO14001 Certified



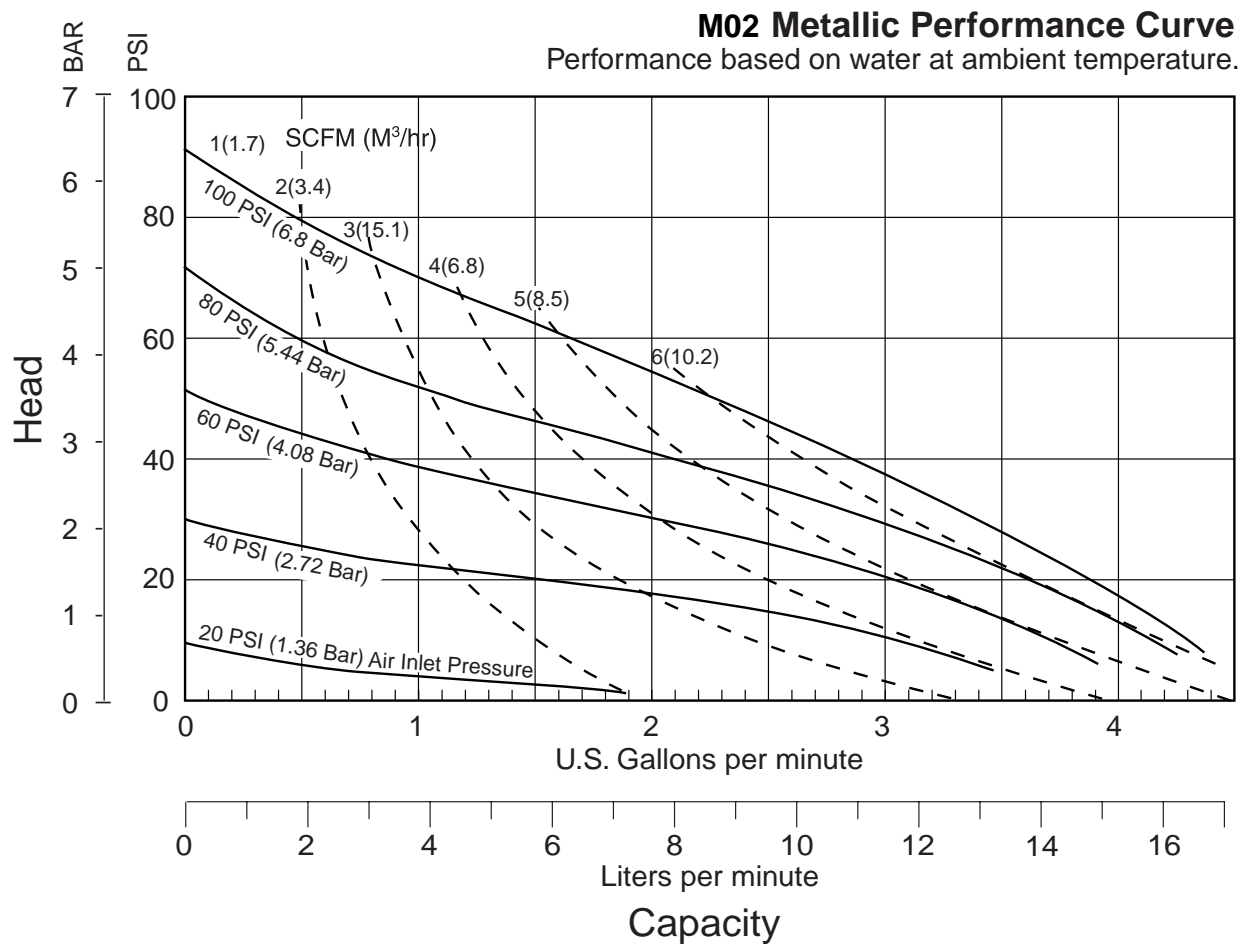
MARATHON®

M02 Metallic Design Level 1 Ball Valve

**Air-Powered
Double-Diaphragm Pump**

ENGINEERING, PERFORMANCE
& CONSTRUCTION DATA

INTAKE/DISCHARGE PIPE SIZE 1/4" NPT (Internal)	CAPACITY 0 to 4.4 gallons per minute (0 to 16.6 liters per minute)	AIR VALVE Non-stall design	SOLIDS-HANDLING Up to .079 in. (2 mm)	HEADS UP TO 125 psi or 288 ft. of water (8.6 Kg/cm ² or 86 meters)	DISPLACEMENT/STROKE .003 Gallon / .01 liter
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Marathon® pumps are designed to be powered only by compressed air.

M02 Metallic • Design Level I • Ball Valve

MODEL	Pump Brand	Pump Size	Check Valve Type	Design Level	Wetted Material	Diaphragm/Check Valve Materials	Check Valve Seat	Non-Wetted Material Options	Porting Options	Pump Style	Pump Options	Kit Options	Shipping Weight lbs. (kg)
M02B1S5SSNS000.	M	02	B	1	S	5	S	S	N	S	0	00.	8.8 (4)
M02B1S6SSNS000.	M	02	B	1	S	6	S	S	N	S	0	00.	8.8 (4)
M02B1SYSSNS000.	M	02	B	1	S	Y	S	S	N	S	0	00.	8.8 (4)
M02B1SZSSNS000.	M	02	B	1	S	Z	S	S	N	S	0	00.	8.8 (4)

Pump Brand
M=Marathon

Wetted Material
S=Stainless Steel

Check Valve Seat
S=Stainless Steel

Pump Style
S=Standard

Pump Size
02=1/4"

Diaphragm/Check Valve Materials
5=Teflon-Buna
One-Piece/Teflon

Non-Wetted Material Options
S=Stainless Steel

Pump Options
0=None

Check Valve Type
B=Ball

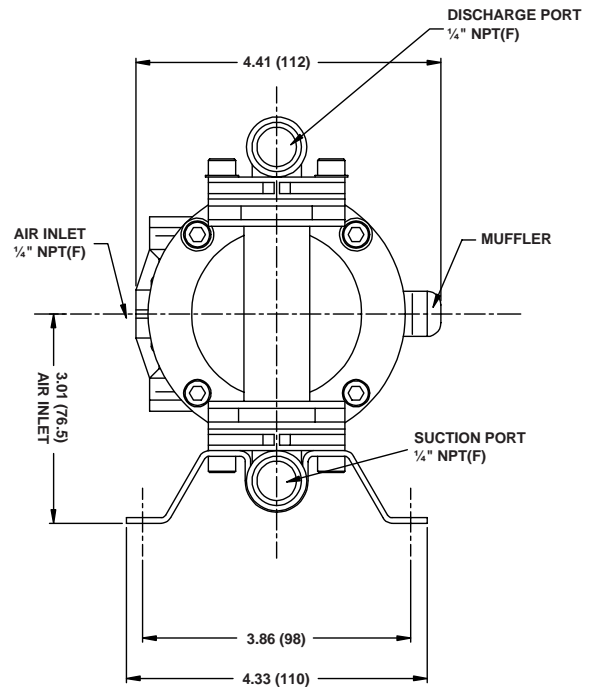
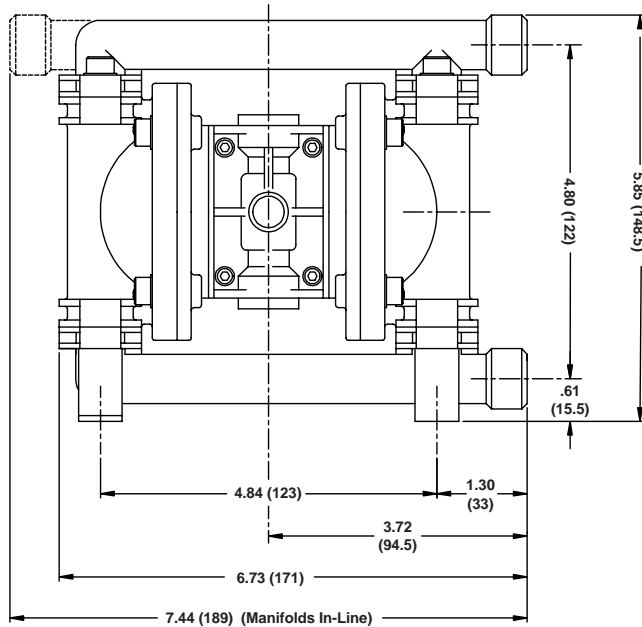
6=Teflon-Buna
One-Piece/Stainless Steel
Y=Polyester backup/TFE/TFE
Z=Polyester backup/TFE/
Stainless Steel

Porting Options
N=NPT Threads

Kit Options
00.=None

Dimensions: M02

Dimensions in inches (metric)



Materials

Teflon® Chemically inert, virtually impervious. Very few chemicals are known to react chemically with Teflon: molten alkali metals, turbulent liquid or gaseous fluorine and a few fluoro-chemicals such as chlorine trifluoride or oxygen difluoride which readily liberate free fluorine at elevated temperatures.

For specific applications, always consult "Chemical Resistance Chart" Technical Bulletin

Operating Temperatures

Maximum*

Minimum*

Optimum**

212°F
100°C

-35°F
-37°C

50°F to 212°F
10°C to 100°C

* Definite reduction in service life.

** Minimal reduction in service life at ends of range.