



BLAGDON

B06

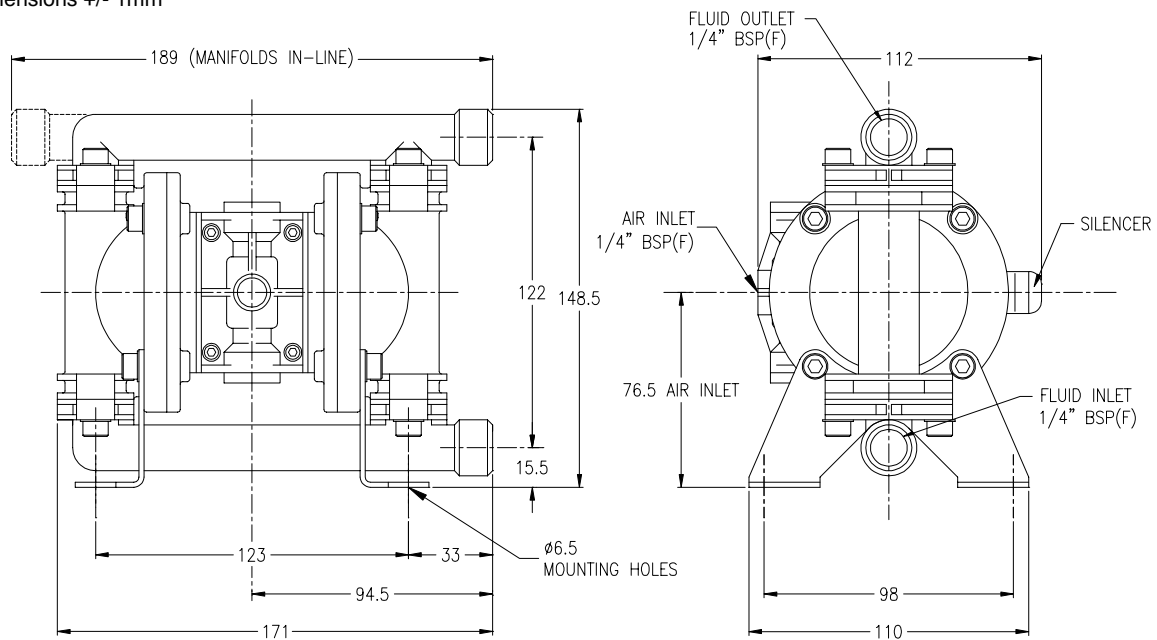
AIR OPERATED DOUBLE DIAPHRAGM PUMP

Metallic Series

B06

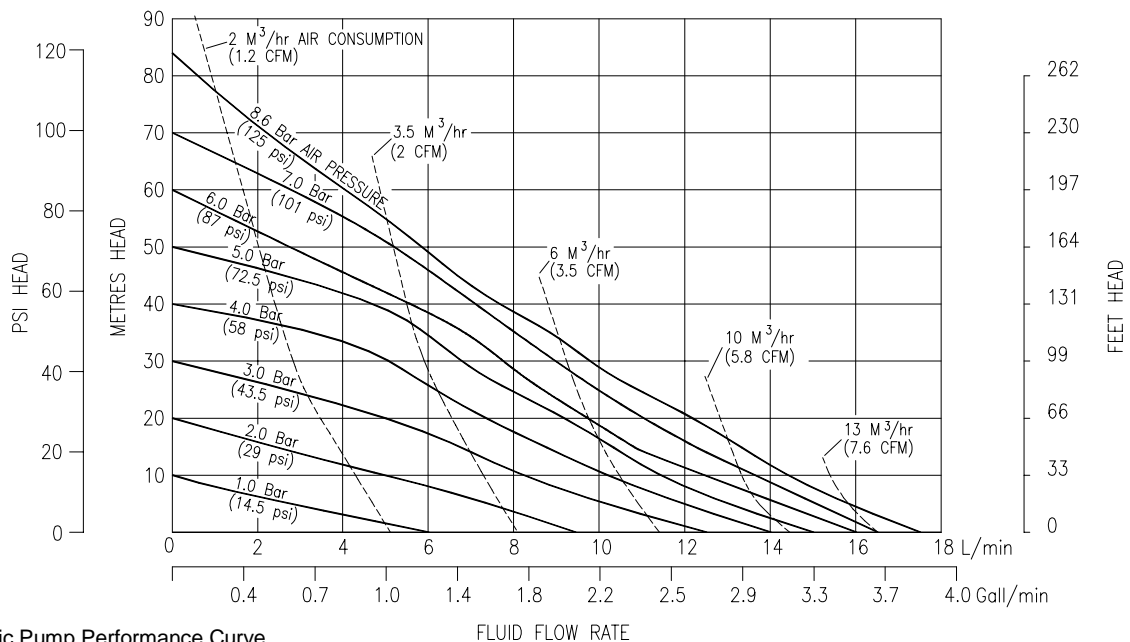
DIMENSIONS

General Assembly :- B06 Metallic Pump
All dimensions +/- 1mm



B06

PERFORMANCE



B06 Metallic Pump Performance Curve
Performance based on water at ambient temperature

FLUID CONNECTIONS	CAPACITY	MAX SOLIDS	MAX DISCHARGE HEAD	DISPLACEMENT/STROKE
1/4" BSP(F)	0 - 18 Litres/Minute (0 - 3.9 Gallons/Minute)	1 MM (1/16")	88 Meters (289 ft)	0.022 Litres (0.0049 UK Gallons)
MAX. WORKING PRESSURE	AIR INLET	TEMPERATURE LIMITS		PUMP WEIGHTS :-
8.6 Bar (125 psi)	1/4" BSP (F)	Determined by Elastomers		SS :- 4.0 Kg

ⓘ Caution - Operating temperature limitations are as follows:

Operating Temperatures

Materials

Maximum

Minimum

Optimum

EPDM - Shows very good water and chemical resistance. Has poor resistance to oils and solvents, but is fair on ketones and alcohols.

212°F
100°C

-11°F
-24°C

50° to 212°F
10° to 100°C

Santoprene® - Injection moulded thermoplastic elastomer with no fabric layer. Long mechanical flex life. Excellent abrasion resistance.

212°F
100°C

-10°F
-23°C

50° to 212°F
10° to 100°C

PTFE - Chemically inert, virtually impervious. Very few chemicals are known to react chemically with PTFE : 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.

356°F
180°C

32°F
0°C

50° to 212°F
10° to 100°C

Viton® - Shows good resistance to a wide range of oils and solvents : especially all aliphatic, aromatic and halogenated hydrocarbons, acids, animal and vegetable oils.

356°F
180°C

0°F
-18°C

75° to 212°F
24° to 100°C

TYPICAL CODE = B06.01.S S. B B. E T S - L F

MODEL - B06

DESIGN LEVEL

WETTED COMPONENTS

S : 316L STAINLESS STEEL

NON - WETTED COMPONENTS

S : 316L STAINLESS STEEL

VALVE TYPE

B : BALL

SUCTION ORIENTATION

B : BOTTOM

LUBE FREE

VALVE SEATS

S : 316L STAINLESS STEEL

VALVE BALLS

T : PTFE

V : VITON

S : 316 STAINLESS STEEL

DIAPHRAGMS

E : EPDM

H : POLYESTER

R : SANTOPRENE

T : PTFE

V : VITON

O : ONE PIECE PTFE

IMPORTANT

This pump should be used in accordance with the requirements of the Health and Safety at Work Act 1974. All business conducted subject to Blagdon Pump. Terms and Conditions of Sale, available on request.



**BLAGDON
PUMP**

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