



Reduce down-time with our immediate availability of spares for Blagdon and competitors.

> Confidence of delivery 99% on-time.



Flexible design and production meets our customer's exacting standards.

High quality products with certification to EHEDG, ATEX, ISO.

Worldwide technical representation for customer's support.



Air Operated Double Diaphragm Pumps

PUMPING SOLUTIONS

Our Background

Blagdon Pump was originally founded in the early 1950's in the North East of England as a specialist pump manufacturer. We commenced the production of **AIR OPERATED DOUBLE DIAPHRAGM PUMPS** in 1979. We soon became market leaders in their production resulting in the US based multi-national IDEX CORPORATION acquiring Blagdon Pump to strengthen their position in the double diaphragm market in 1997.

Our Credentials

We are world-wide market leaders in providing high quality **AIR OPERATED DOUBLE DIAPHRAGM PUMPS**. We comply with all British Standards **BS EN ISO 9001:2000** Quality Management System and **BS EN ISO 14001:2004** Environmental Management System.

We comply with the letter and spirit of current OH & S legislation and other requirements as well as take all necessary measures to protect the Environment.

We are **INVESTOR IN PEOPLE** accredited as we continuously strive to improve our products and standards for our customers.

Our Mission

Is to provide all our customers with an exceptional product and service. To be respected by customers and competitors alike, setting standards by which others will be measured.

Our Website

We are committed to offering you a dedicated sales and after sales service which is second to none. Now you can keep up to date with developments as they happen with our **WEBSITE** and **QUARTERLY NEWSLETTER**. (See inside back pages for more details)

There is a lot happening at Blagdon Pump. We aim to make dealing with us a more efficient experience. A service you can rely on for all your pump requirements.



We look forward to dealing with you.

General Manager

INVESTOR IN PEOPLE

Continuous improvement

methodologies are at the heart of the Blagdon culture and used every day in every process within the business.

Durham University has for the past 10 years used our Washington factory as one of its preferred sites for the purpose of training in manufacturing techniques in a full production setting.

John Garside, Teaching Fellow and Industrial Tutor at Durham University said:

"I have had many a student and project activities with Blagdon Pump since about 1996. I now feel priviliged to visit myself and recommend others to visit Blagdon Pump, and hear and see what I call the 'Blagdon Story'. I believe it is truly special; it covers so many aspects of excellent manufacturing and business practices".

Neil Radbourne, Best Practice Manager, MAS (Manufacturing Advisory Service) said:

"Blagdon's unique use of continuous improvement activity together with lean and six sigma tools provides a stimulating combination with excellent examples for visiting managers, whether from large or small organisations".

Current practices include:

- Six Sigma
- Kaizen
- Value Stream Mapping
- Supply Chain Management
- 5S Housekeeping
- Lean Thinking
- Kanban

Anyone wishing to experience how Blagdon Pump manages continuous improvement can arrange a visit by calling +44 (0) 191 417 7475.



The Products

Choice of models to suit all applications

Air operated double diaphragm pumps have long been recognised as the "work horse" of industry for handling "difficult" liquids at relatively low pressures and flows. The range of applications is virtually limitless. Blagdon AODD pumps come in many sizes and choices of materials of construction. Almost every type of liquid from highly corrosive acids through high viscosity paints and adhesives, to food and drink products can be pumped.

Blagdon 1/2 ", 1" and 2" EHEDG Approved Hygienic Pumps in Polished 316L Stainless Steel



Blagdon Non-metallic B10 3/8" available in Polypropylene and Kynar (PVDF)



Blagdon 1" and 2" High Pressure 2:1 Pumps available in Aluminium, Stainless Steel



BLAGDON 1/2", 1", 1 1/2", 2" FDA Compliant Pumps in Polished Steel plus assorted standard fluid fittings



Blagdon Metallic Pumps available in Aluminium, Cast Iron, Stainless Steel from 1/4" to 3"



Blagdon Nonmetallic Pumps available in Polypropylene and Kynar (PVDF) from 1/4" to 2"



Download individual specification sheets from our website.







Blagdon offer an extensive pump range for handling **fluid media safely and cost effectively**. We offer **low cost ownership**, by combining **high quality wear parts** with **low price spares** and a **vast array of accessories**. A **flexible modular design** of pumps means we can offer **short lead times** and a high degree of **customising** opportunities. Our experienced staff can provide **instant support** for installation, servicing, maintenance or a technical enquiry. We offer a **fast spares delivery service**, many items being in stock for immediate delivery.

11 key features and benefits of a Blagdon Pump

- 1. Blagdon pumps can run dry without damage or danger.
- 2. They are fully submersible.
- 3. They are designed to operate at low noise levels.
- 4. They have leak-free air valves that are easily removed for servicing.
- **5.** They can be easily maintained. They can be stripped down quickly without any specialist tools.
- 6. They are self-priming to over 6 metres.
- **7.** They are pressure balanced. They stall if discharge is closed and restart when discharge is opened so avoiding heat build up and wearing of components.
- 8. They have minimum product agitation.
- 9. They have long stroke, slow speed cycling capability for low initial break out.
- **10.** They are portable and compact, can be remotely controlled and fully packaged.
- **11.** Safe in hazardous areas, no sparking, air-driven.



The Blagdon pump is basically two pumps in one. Chambers A&B are alternatively filled and emptied by drawing fluid in through a common inlet (C) and out through a common outlet (D). The diaphragms in each chamber are linked by a common shaft so that they move backwards and forwards in unison. Compressed air is directed by the air valve (E) alternatively behind each diaphragm to power discharge strokes. Pump speed and therefore fluid flowrate can be infinitely controlled by increasing or decreasing air pressure and / or volume.

Operation sequence

The red arrows show the pump cycle. Fluid is being drawn into inlet (C) by the suction stroke of the diaphragm in chamber B, which opens the ball valve (2) to allow liquid to enter the chamber. Ball valve (4) is closed by the diaphragm suction.

In chamber (A) air has been applied to the rear of the diaphragm to force out the liquid in the chamber through the ball valve (3) to the liquid outlet (D). This discharge stroke closes ball valve (1) to prevent further liquid entering the chamber. This cycle is repeated to provide a continuous flow to outlet D.

Standard Blagdon pumps are 1:1 ratio. Maximum outlet pressure cannot exceed air supply pressure. Blagdon also offer 2:1 ratio high pressure pumps.





A full list of chemicals and recommended elastomers is available on request, or our sales office can advise on the best pump and materials for specific media.

Typical range of products you can pump.

- ABRASIVES: Clay slip, titanium dioxide, mill scale.
- ACIDS: All mineral and organic acids.
- ADHESIVE: Solvent and water based.
- ALCOHOLS: Chemicals.
- CAUSTICS: Acids.
- **CEMENT:** Cement, mortar.
- **CERAMICS:** Slip, glazes, clay.
- COSMETICS: Creams, emulsions, detergents.
- DRILLING: Mud, grout, lubricants.
- DRINKS: Soft drinks, spirits, beer, wine, milk.
- EXPLOSIVES: Suspensions of gun powder, explosives, etc.
- FOODS: Liquid and semi-solid foods, flavourings.
- INKS & DYES: Printing inks, dryers, dyes, sizes and solvents.
- OILS: Petrol, diesel, hydraulic and cutting oils, lube oils, animal and vegetable oils and greases.
- PAINT: Emulsions, latexes, pigments, solvents, resins, thinners.
- PHARMACEUTICALS: Liquids, creams and compounds.
- PLATING: Aggressive acids, salts, sludge and effluents.
- PULPS: Paper, wood, sizes, bleaches.
- RESINS: Natural and synthetics, water and solvent based, monomeric and polymeric plastics.
- **RUBBER:** Gum, latex.
- SLUDGE & WASTE: Sewage, effluents, coal and lime slurry.
- SOLVENTS: Aromatic and aliphatics, ketones, aldehydes, esters and chlorinated hydrocarbons, de-icing fluids.
- **TIMBER PRESERVATIVES:** Creosote, turpentine, copper napthenate.
- WATER: All types.



Pump Duties

Blagdon pumps can be installed in any of the models illustrated to perform the following duties: Liquid Transfer, Slurry Handling, Filter Feeding, Circulation, De-watering, Low Pressure Spray Supply, Tank/Sump/Barrel/Drum Filling and emptying, Batching/Mixing/Metering/Dosing, and Chemical Injection etc.





		Pump Model/Size/Material		Flui	d Co	onta	ct N	late	rials	5		Air	Cha	mbe	er M	ater	ials			۵	Diap	hrag	gm
		Blagdon - Portfolio Information	Conductive PTFE	Virgin PTFE	Aluminium	Cast Iron	PVDF	Polypropylene	Stainless Steel	Polished Stainless	Aluminium	Cast Iron	Nickel Plated Aluminium	Polypropylene	Stainless Steel	Epoxy Coated Aluminium	Epoxy Coated Stainless Steel	Conductive PTFE	Buna-N	EPDM (Inc. Food Grade)	Geolast	Polyester (Hytel)	Neoprene
		B06 - 1/4" Stainless Steel							•													•	•
		B15 - 1/2" Aluminium																					•
		B15 - 1/2" Stainless Steel																					
		B25 - 1" Aluminium																					•
		B25 - 1" Cast Iron																				•	0
	sdu	B25 - 1" Stainless Steel																					
	L L L	B40 - 1 1/2" Aluminium																					
	с U	B40 - 1 1/2" Cast Iron										0											•
	alli	B40 - 1 1/2" Stainless Steel							•														•
	let	B50 - 2" Aluminium																					
	-	B50 - 2" Cast Iron																					•
		B50 - 2" Stainless Steel							•						0								
		X75 - 3" Aluminium																					
		X75 - 3" Cast Iron																					•
		X75 - 3" Stainless Steel																					
		B06 - 1/4" Polypropylene																					
	ő	B06 - 1/4" PV/DF																					
	E .	B10 - 3/8" Polypropylene																					
	Pu	B15 - 1/2" Polypropylene																					
	lic	B15 - 1/2" PVDF																					
	eta	B25 - 1" Polypronylene																					
	ž																						
	<u>o</u>	BEG 2" Belypropyland																					
	Z																						
	0																						
	enic	B15 - 1/2 Hygienic																					
	Pun	B20 - 1 Hygienic								H													
	<u> </u>	DD - 2 Tryglenic											Ч										
	gh sure																						
	Pun Fig																						
		B50 - 2" FUII FIOW 2."																					
	٥.	B15 - 1/2" Stainless Steel								Ц													
	A d d																						
	н <u>Р</u>	B40 - 1 1/2" Stainless Steel																					
_		B50 - 2" Stainless Steel																					
	v	B15 - 1/2" Conductive PTFE																					
	H d	B15 - 1/2" Virgin PTFE																					
	Ъ.	B25 - 1" Conductive PTFE																					
		B25 - 1" Virgin PTFE																					

Diaphragm & Ball Valve Options - Uses, Temperature Limits & Specific Gravity

		Operat	ting Temperatures
Elastomer	Main Properties and Uses	Min	Optimum
Buna-N	General purpose for use on water, most hydrocarbons and mild chemicals	-18F -28C	50 to 140F 10 to 60C
EPDM	Caustic solutions and dilute acids. Poor on oils and solvents	-11F -24C	50 to 140F 10 to 60C
Geolast	General purpose for use on water, most hydrocarbons and mild chemicals	-10F -23C	50 to 140F 10 to 60C
Neoprene	Excellent abrasion resistance. Widely used in the ceramics industry on dirty water, clays, grout etc	-4F -20C	50 to 130F 10 to 54C
Polyester	High mechanical strength. Suitable with most oils, solvents and hydrocarbons	-40F -40C	50 to 130F 10 to 54C
Polyurethane	Excellent abrasion resistance, dirty water, oils and hydrocarbons	-40F -40C	50 to 130F 10 to 54C
PTFE	Aggressive chemicals and solvents but with low abrasion resistance	32F 0C	50 to 212F 10 to 100C
Santoprene	Caustic solutions and dilute acids. Excellent abrasion resistance	-10F -23C	50 to 140F 10 to 60C
Stainless Steel	N/A	N/A	N/A
Viton	Aggressive chemicals and most solvents. High temperature uses	0F -18C	75 to 212F 24 to 100C

Ма	teria	als				Ball	Val	ve N	late	erial	s	Max.	Flow	Flu	id Connecti	ons	Air Inlet	Max. Op Pressure		Max. Op Pressure		Max. Solid Size (mm)
PTFE (One Piece)	Polyurethane	Santroprene	PTFE	Viton	Buna-N	EPDM (Inc. Food Grade)	Neoprene	Santoprene	Stainless Steel	PTFE	Viton	UKGPM	L/Min	BSP(F)	ANSI Flange	RJT(M)	BSP(F)	Bar	PSI			
												4	18	1/4"			1/4"	8.6	125	2		
	\bullet			•		\bullet			•			14	60	1/2"			1/4"	8.6	125	2		
												14	60	1/2"			1/4"	8.6	125	2		
												40	180	1"			3/8"	8.6	125	3		
									\bullet	\bullet	\bullet	40	180	1"			3/8"	8.6	125	3		
	\bullet		\bullet		\bullet	\bullet	\bullet		\bullet	\bullet	\bullet	40	180	1"			3/8"	8.6	125	3		
						\bullet	\bullet		\bullet	\bullet	\bullet	76	320	1 1/2"			3/8"	8.6	125	6		
			\bullet		\bullet		\bullet		\bullet	\bullet	\bullet	76	320	1 1/2"			3/8"	8.6	125	6		
			\bullet						\bullet		\bullet	76	320	1 1/2"			3/8"	8.6	125	6		
									\bullet		\bullet	120	530	2"			3/4"	8.6	125	6		
•			•	•	•	•	•		•	•	•	120	530	2"			3/4"	8.6	125	6		
			•	•	•				•	•	\bullet	120	530	2"			3/4"	8.6	125	6		
			•	•	•	•	•	•		•		202	889	3"			3/4"	8.6	125	10		
			•		•	•		•	•	•	•	202	889	3"			3/4"	8.6	125	10		
												202	889	3″			3/4″	8.6	125	10		
												4	16	1/4"			1/4"	5	72	2		
												4	16	1/4"			1/4"	5	12	2		
												0	26	3/8			1/4	(100	2		
												11	48		1/2 150 RF		1/4	ð O	110	2		
												24	40		1/2 100 KF		1/4	0	110	2		
												04 24	104		1 100 KF		3/0 2/0"	0	110	ు స		
													104 530		1 150 RF		3/0 3///"	0 8.6	125	5		
												120	530		2" 150 RF		3/4	8.6	125	6		
												17	75		2 100 14	1"	1/4"	8.6	125	2		
												31	136			1"	3/8"	8.6	125	3		
												114	500			2"	3/4"	8.6	125	10		
												20	86	1"			1/4"	8.6	125	3		
												28	125	1"			3/8"	8.6	125	3		
												80	350	2"			3/4"	8.6	125	6		
												14	60	1/2"			1/4"	8.6	125	2		
			•									40	180	1"			3/8"	8.6	125	3		
												76	320	1 1/2"			3/8"	8.6	125	6		
												120	530	2"			3/4"	8.6	125	6		
												11	48		1/2" 150 RF		1/4"	7	100	2		
												11	48		1/2" 150 RF		1/4"	7	100	2		
												34	154		1" 150 RF		3/8"	7	100	3		
												34	154		1" 150 RF		3/8"	7	100	3		

Ball Valve S.G.								
Max	Standard	Weighted						
176F 80C	1.23	2.64						
212F 100C	1.23	2.64						
212F 100C	1.0	N/A						
212F 100C	1.23	2.64						
158F 70C	N/A	N/A						
158F 70C	N/A	N/A						
356F 180C	N/A	N/A						
212F 100C	0.98	N/A						
N/A	7.80	N/A						
356F 180C	1.80	3.2						

Viscosity Guide

This table is a guide only – cps = centipoise

	-							
X75 - 3	" Pumps						Max	kimum 25000
B50 - 2	" Pumps						Maximum 1200	00
B40 - 1	1/2" Pum	ps					Maximum 1200	00
B25 - 1	" Pumps				Maximu	ım 5000		
B15 - 1	/2" Pumps	;			Maximu	ım 5000		
B10 - 3	3/8" Pumps	;	M	aximum 2000				
B06 - 1	/4" Pumps	;	M	aximum 2000				
1	200		500	1000	2000	4000	10000	15000
	3					8 0		
s S	to Jui	30 C cps	cps cps	50 C	o cps	onnai) cps Isses 1 cps		· Crea 0 cps 10 cp
1 cp	Toma 176 d	SAE 352		SAE 1561	200 200	May 5000 8640		Sour 1520 1764

The Products – Blagdon Pumps in action





An ink pumping and mixing plant at Amcor Packaging in Australia using Blagdon 15 moulded pumps.



Fully automated Rexson ink manufacturing plant. Blagdon 25 metallic pumps are used for mixing and recirculation.



Blagdon 75 pump transferring paint from dispenser to blending vessel.









Blagdon 50 pumps feeding a ring main for final blending at a coatings producer.



Blagdon 06 moulded pumps being used by Duraco Industries, Singapore, for chemical injection at a waste treatment plant.



Blagdon 25 moulded Kynar pumps transferring hydroflouric acid.



Blagdon 25 metallic pump at a major chemical plant in Northern England.



Part of the filtration process at a major multi-national paint manufacturer where Blagdon 50 pumps are used to supply the fully automated filling line.



This Blagdon 25 metallic pump at Caradon Bathroom is feeding a robotic spray glazing operation.



2 Blagdon pumps at Royal Doulton pottery works. The unit at the rear pumped clay slip for 8 years without change of diaphragm, ball valves or valve seats.





Moulded Non Metallic Series

- Simple construction, easy to maintain.
- Self priming, ideal for emptying containers.
- Pressures to 5 bar.
- Flow rates up to 16 litres/minute.
- Bolted construction for safety.
- Low break out pressure requirement.
- Reliable pneumatic air valve system.



TYPICAL CODE = B06. PP. BB. TTP





Example above: B06.PP.BB.TTP refers to B06 model with Polypropylene wetted components, Glass filled Polypropylene non-wetted components, with PTFE Diaphragms and Valve Balls and Polypropylene Seats.

Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

NON METALLIC SERIES B06 POLYPROPYLENE & PVDF

Maximum Delivery:	10
Max. working Pressure:	5
Max. Solid Particle Size:	2
Air Inlet:	1/
Temperature Limits:	D
Suction Lift (Dry):	1.
Suction Lift (Wet):	4.
Fluid Inlet/Outlet:	1/
Installation:	W
Accessories Included:	E

16 Itrs/min 5 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 1.5 m. 4.1 m. 1/4" BSP(F) Wall or surface mounted Exhaust air Silencer

Shipping Weights:

Polypropylene	1.7 kg.
PVDF	1.9 kg.

Shipping Dimensions: 240 x 180 x 200 mm.



Metallic Series

- Simple construction, easy to maintain.
- Self priming, ideal for emptying containers.
- High quality investment cast design.
- Pressures to 8.6 bar.
- Flow rates up to 18 litres/minute.
- Bolted construction for safety.
- Reliable pneumatic air valve system.
- Constructed from 316L Stainless steel.





TYPICAL CODE = B06. 01. SS. BB. TTS MODEL - B06: Standard X06:ATEX approved VALVE SEATS **DESIGN LEVEL** 316L STAINLESS STEEL WETTED COMPONENTS S: 316L STAINLESS STEEL VALVE BALLS T : PTFE V : VITON S : 316 STAINLESS STEEL NON-WETTED COMPONENTS S: 316L STAINLESS STEEL DIAPHRAGMS VALVE TYPE B : BALL : EPDM : POLYESTER : SANTOPRENE T : PTFE V : VITON O : ONE PIECE PTFE SUCTION ORIENTATION B : BOTTOM

TECHNICAL DATA;

METALLIC SERIES B06 STAINLESS STEEL

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation: Accessories Included: 18 Itrs/min 8.6 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 1.5 m. 4.1 m. 1/4" BSP(F) Wall or surface mounted Exhaust air Silencer

B 06

Shipping Weights:

Stainless Steel

3.7 kg.

Shipping Dimensions: 240 x 180 x 200 mm.



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.



Moulded Non Metallic Series

- Simple construction, easy to maintain. .
- Self priming, ideal for emptying containers.
- Strong, robust design.
- Pressures to 8 bar.
- . Flow rates up to 48 litres/minute.
- . Flanged or screwed end connections.
- Pneumatic air valve, reliable and easy.



TYPICAL CODE = B15. 01. PT. BB. TTP



VALVE SEATS B: BUNA-N K: KYNAR (PVDF) E: EPDM V: VITON N: NEOPRENE P: POLYPROPYLENE
VALVE BALLS B : BUNA-N T : PTFE E : EPDM V : VITON N : NEOPRENE S : 316 STAINLESS STEEL
DIAPHRAGMS B:BUNA-N P:POLYPROPYLENE E:EPDM R:SANTOPRENE H:POLYESTER T:PTFE N:NEOPRENE V:VITON O:ONE PIECE PTFE

266

230

197

164

131

99

66

33

0

L/MIN

50

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TECHNICAL DATA;

MOULDED NON METALLIC SERIES B15 POLYPROPYLENE & PVDF

Maximum Delivery:	4
Max. Working Pressure:	8
Max. Solid Particle Size:	2
Air Inlet:	1
Temperature Limits:	D
Suction Lift (Dry):	4
Suction Lift (Wet):	6
Fluid Inlet/Outlet:	1
Installation:	V
Accessories Included:	E

8 Itrs/min bar mm. /4" BSP(F) etermined by Elastomers .6 m. .1 m. /2" ANSI #150 RF Flanged Vall or surface mounted xhaust air Silencer

Shipping Weights:

Polypropylene/Aluminium	5.3kg.
PVDF/Aluminium	7kg.
Polypropylene/Stainless	12kg.
Steel	
PVDF/Stainless Steel	13.5kg.

Shipping Dimensions: 320 x 200 x 340 mm.





20

5 Bar (72.5 ps **TEAD** 56.8 40 4 Bar (58 psi

9 M³/hr 5.3 CFM)

8 Bar (116 psi)

7 Bar (101.5 ps

6 Bar (87 psi)

3 Bar (43.5 psi)

2 Bar (29 psi

(21 - Bar

11 M³/hr (6.5 CFM)

SSUR

10

21 M³/hr (12.4 CFM)

30 M³/hr (17.6 CFM)

30

40

Performance curve

80

70

60

50

30

MET

113.6

99.4

85.2

71.0

42.6

28.4

14.2

0

PSIHEAD

Metallic Series

- Simple construction, easy to maintain.
- Self priming, ideal for emptying containers.
- Pressures to 8.6 bar.
- Flow rates up to 54 litres/minute.
- Bolted construction for greater integrity.
- Reliable pneumatic air valve design.
- Portable.





B 15

TYPICAL CODE = B15. 01. AA. BB. TTS



VALVE SEATS A : ALUMINIUM B : BUNA-N E : EPDM N : NEOPRENE V : VITON S : 316 STAINLESS STEEL
VALVE BALLS B: BUNA-N V: VITON E: EPDM T: PTFE N: NEOPRENE S: 316 STAINLESS STEEL
DIAPHRAGMS B : BUNA-N P : POLYURETHANE E : EPDM R : SANTOPRENE
H: POLYESTER T: PTFE N: NEOPRENE V: VITON O: ONE PIECE PTFE

TECHNICAL DATA;

METALLIC SERIES B15 ALUMINIUM

Maximum Delivery:	60 It
Max. Working Pressure:	8.6 k
Max. Solid Particle Size:	2 mr
Air Inlet:	1/4"
Temperature Limits:	Dete
Suction Lift (Dry):	4.6 r
Suction Lift (Wet):	6.1 r
Fluid Inlet/Outlet:	1/2"
nstallation:	Wall
Accessories Included:	Exha

60 Itrs/min 8.6 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 4.6 m. 6.1 m. 1/2" BSP(F) Wall or surface mounted Exhaust air Silencer

13

Shipping Weights:

Aluminium

DIMP

5.9 kg.

Shipping Dimensions: 320 x 200 x 340 mm.



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

Metallic Series

- Simple construction, easy to maintain
- Self priming, ideal for emptying
- Pressures to 8.6 bar
- Flow rates up to 60 litres/minute
- Bolted construction for greater integrity
- 316L Stainless steel





TYPICAL CODE = B15. 01. SA. BB. TTS



VALVE SEATS S : 316 STAINLESS STEEL	
VALVE BALLS B:BUNA-N T:PTFE E:EPDM V:VITON N:NEOPRENE S:316 STAINLESS STEEL	
DIAPHRAGMS B : BUNA-N P : POLYUF E : EPDM R : SANTOI H : POLYESTER T : PTFE N : NEOPRENE V : VITON O : ONE PIECE PTFE	RETHANE PRENE

TECHNICAL DATA;

METALLIC SERIES B15 STAINLESS STEEL

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation: Accessories Included: 60 ltrs/min 8.6 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 4.6 m. 6.1 m. 1/2" BSP(F) Wall or surface mounted Exhaust air Silencer

Shipping Weights:

Stainless	Steel/Aluminium	9.7 kg.
Stainless	Steel	15 kg.

Shipping Dimensions: 320 x 200 x 340 mm.



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

PTFE Non Metallic Series

- Simple construction, easy to maintain
- Available in virgin and conductive PTFE
- Chemically inert
- Flanged end connections
- Atex approved intrinsically safe
- Reliable, proven pneumatic air valve
- Strong, robust design





B 1

TYPICAL CODE = B15. 00. TS. BB.TTT



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitter.

TECHNICAL DATA;

NON METALLIC SERIES B15 CONDUCTIVE / VIRGIN PTFE

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation: Accessories Included: 48 Itrs/min 7 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 4.6 m. 6.1 m. 1/2" ANSI #150 RF Flanged Wall or surface mounted Exhaust air Silencer

Shipping Weights:

Conductive PTFE	
Virgin PTFE	

Shipping Dimensions: 335 x 215 x 335 mm.

16 kg. 16 kg.



DIMP

Hygienic Series

- Range of DIN/RJT and Ferrule connections
- Self priming, for emptying containers
- Food grade elastomers-EPDM/PTFE
- Pressures to 8.6 bar
- Certified CIP cleanable
- EU Design approval







Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

HYGIENIC SERIES B15 STAINLESS STEEL

Maximum Delivery:
Max. Working Pressure
Max. Solid Particle Size
Air Inlet:
Temperature Limits:
Suction Lift (Dry):
Suction Lift (Wet):
Fluid Inlet/Outlet:
Installation:
Accessories Included:

60 Itrs/min 8.6 bar 2 mm. 1/4" BSP(F) Determined by Elastomers 4.6 m. 6.1 m. 1" RJT (Standard) Wall or surface mounted Exhaust air silencer

Shipping Weights:

Stainless Ste	el/Aluminium	10.5 kg.
Stainless Ste	el	15.8 kg.

Shipping Dimensions: 320 x 210 x 390 mm.



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16

VALVE SEATS

VALVE BALLS

DIAPHRAGMS B:BUNA-N T:PTFE E:EPDM V:VITON

B : BUNA-N T : PTFE E : EPDM V : VITON N : NEOPRENE S : STAINLESS STEEL

E : EPDM V : VITON H : POLYESTER (HYTREL) N : NEOPRENE P : POLYURETHENE R : SANTOPRENE O : ONE-PIECE PTFE

B : BUNA-N N : NEOPRENE E : EPDM K : KYNAR (PVDF) P : POLYPROPYLENE

Moulded Non Metallic Series

- Materials options suitable for a wide range of chemicals
- Simple construction, easy to maintain
- Self priming, ideal for emptying containers
- Pressures to 8 bar

MODEL - B25

VALVE TYPE B : BALL W: WEIGHTED

WETTED COMPONENTS

SUCTION ORIENTATION B : BOTTOM

NON-WETTED COMPONENTS T : ALUMINIUM / EPOXY PAINTED W: STAINLESS STEEL/EPOXY PAINTED

P : POLYPROPYLENE K : KYNAR (PVDF)

- Flow rates up to 154 litres/minute
- Flanged or screwed end connections
- Reliable, pneumatic air valve
- Strong, robust design, bolted construction

TYPICAL CODE = B25. PT. BB. EEP



B2

TECHNICAL DATA;

MOULDED NON METALLIC SERIES B25 POLYPROPYLENE AND PVDF

Maximum Delivery:	152 Itrs/min
Max. Working Pressure:	8 bar
Max. Solid Particle Size:	3 mm.
Air Inlet:	3/8" BSP(F)
Temperature Limits:	Determined by Elastomer
Suction Lift (Dry):	6.1 m.
Suction Lift (Wet):	7.6 m.
Fluid Inlet/Outlet:	1" ANSI # 150 Flanged R
Installation:	Wall or surface mounted
Accessories Included:	Exhaust air Silencer

Shipping Weights:

Polypropylene/Aluminium	13.5 kg.
PVDF/Aluminium	18 kg.
Polypropylene/Stainless St	eel 18 kg.
PVDF/Stainless Steel	20 kg.

Shipping Dimensions: 440 x 260 x 470 mm.



DIMP

Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.



VALVE SEATS S : 316L STAINLESS STEEL

T : PTFE E : EPDM N : NEOPRENE V : VITON B : BUNA-N S : STAINI

S : STAINLESS STEEL

V : VITON

B : BUNA-N T : PTFE E : EPDM

VALVE BALLS

D : DELRIN

DIAPHRAGMS

N : NEOPRENE P : POLYESTER R : SANTROPRENE P : POLYURETHANE O : ONE-PIECE PTFE

Metallic Series

- Material options suitable for a wide range of applications .
- 0 Simple construction, easy to maintain
- ø Self priming, ideal for emptying containers
- Pressures to 8.6 bar
- . Flow rates up to 180 litres/minute
- . Bolted construction for greater integrity
- **6** Weighted Valve Balls for high S.G. and viscous fluids

TYPICAL CODE = B25.03 AA. BB. BBS

0 Reliable, pneumatic air valve



TECHNICAL DATA;

METALLIC SERIES B2503 ALUMINIUM, STAINLESS STEEL, CAST IRON

Maximum Delivery:	180 Itrs/min
Max. Working Pressure:	8.6 bar
Max. Solid Particle Size:	3 mm.
Air Inlet:	3/8" BSP(F)
Temperature Limits:	Determined by Elastomers
Suction Lift (Dry):	6.1 m.
Suction Lift (Wet):	7.6 m.
Fluid Inlet/Outlet:	1" BSP(F)
nstallation:	Wall or surface mounted
Accessories Included:	Exhaust air Silencer

Shipping Weights:

Aluminium	16 kg.
Cast Iron/Aluminium	25 kg.
Stainless Steel/Aluminium	25 kg.

Shipping Dimensions: 400 x 300 x 470 mm.



B : BALL W: WEIGHTED

X2503 : ATEX approved

SUCTION ORIENTATION

MODEL - B2503 : Standard

WETTED COMPONENTS

: ALUMINIUM : 316L STAINLESS STEEL

NON-WETTED COMPONENTS A : ALUMINIUM

A : ALUMINIUM S : 316L STAINL C : CAST IRON

VALVE TYPE

Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.



PTFE – Non Metallic Series

- Simple construction, easy to maintain •
- ø Available in Virgin and conductive PTFE
- ø Chemically inert
- Flanged end connections
- . Atex approved - intrinsically safe
- Reliable, proven pneumatic air valve
- Strong, robust design





B 2

TYPICAL CODE = B25.00.T5.BB.TTT-LF



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

DIMP

NON METALLIC SERIES B25 VIRGIN PTFE, CONDUCTIVE PTFE

Maximum Delivery:	136 Itrs/min
Max. Working Pressure:	7 Bar
Max. Solid Particle Size:	3 mm.
Air Inlet:	3/8" BSP (F)
	3/8" NPT (F)
Temperature Limits:	100°C
Suction Lift (Dry):	6.1 m
Suction Lift (Wet):	7.6 m
Inlet/Outlet:	1" BSP/ANSI
	150 Flange
Installation:	Wall or surface mounted
Accessories Included:	Exhaust air Silencer
Shinning Weights:	

Shipping Weights:	
Virgin PTFE:	37 kg.
Conductive PTFE:	40 kg.

Shipping Dimensions: 500 x 300 x 450 mm.







Full Flow High Pressure

- Robust construction, easy to maintain .
- 0 Can easily handle viscous, high S.G and high head applications
- ø Smooth action, less vibration and wear
- Pressures to 16 bar
- . Flow rates up to 125 litres/minute
- . Bolted construction for greater integrity
- **6** Reliable pneumatic air valve
- ø Stalls against closed head without damage.
- Re-start on demand .



TYPICAL CODE = B25. 01. AA. W3. NNS MODEL - B25 : Standard X25 : ATEX approved VALVE SEATS S : 316 STAINLESS STEEL **DESIGN LEVEL** VALVE BALLS T: PTFE N: NEOPRENE B: BUNA-N E: EPDM S: STAINLESS STEEL WETTED COMPONENTS A : ALUMINIUM S : 316 STAINLESS STEEL NON-WETTED COMPONENTS A : ALUMINIUM S : STAINL V : VITON VALVE TYPE DIAPHRAGMS T : PTFE N : NEOPRENE B : BUNA-N R : SANTOPRENE E : EPDM W: WEIGHTED MODEL DESIGNATION



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES - FULL FLOW 2:1 B25

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation:

125 ltrs/min 16 Bar (232 psi) (8 Bar Max. Air Inlet) 3 mm. 3/8" BSP (F) Determined by Elastomers 6 m. (20') 7.6 m. (25') 1" BSP (F) Surface mounted Exhaust air Silencer

Shipping Weights:

Accessories Included:

Stainless Steel/Aluminium	33 kg.
Aluminium	24.5 kg.

Shipping Dimensions: 480 x 320 x 480 mm.



Hygienic Series

- Range of DIN/RJT and Ferrule connections
- Self priming for emptying containers
- Food grade elastomers-EPDM/PTFE
- Pressures to 8.6 bar
- Capable of handling high viscosity & S.G
- Certified CIP cleanable
- EU Design approval
- 316L Stainless steel





B2



TECHNICAL DATA;

HYGIENIC SERIES B25 STAINLESS STEEL

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation: Accessories Included: 136 Itrs/min 8.6 bar 5 mm. 3/8" BSP(F) Determined by Elastomers 4.6 m. 6.1 m. 1" RJT Wall or surface mounted Exhaust air Silencer

Shipping Weights:

Stainless Steel

21.5 kg.

Shipping Dimensions: 450 x 280 x 500 mm.



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.



Performance curve





Metallic Series

- Simple construction, easy to maintain
- Self priming, ideal for emptying containers
- Pressures to 8.6 bar
- Flow rates up to 320 litres/minute
- Bolted construction for greater integrity
- Reliable, proven pneumatic air valve system





TYPICAL CODE = B40. 02. AA. BB. BBS



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES B40 ALUMINIUM, CAST IRON & STAINLESS STEEL

Maximum Delivery:	320 Itrs/min
Max. Working Pressure:	8.6 bar
Max. Solid Particle Size:	6 mm.
Air Inlet:	3/8" BSP(F)
Temperature Limits:	Determined by Elastomer
Suction Lift (Dry):	6.1 m.
Suction Lift (Wet):	7.6 m.
Fluid Inlet/Outlet:	1 1/2" BSP(F)
Installation:	Surface mounted
Accessories Included:	Exhaust air Silencer

Shipping Weights:

Aluminium	22 kg.
Stainless Steel/Aluminium	36 kg.
Stainless Steel	46 kg.
Stainless Steel/Cast Iron	46 kg.
Cast Iron/Aluminium	51.4 kg.
Cast Iron	61 kg.

Shipping Dimensions: 500 x 350 x 600 mm.



The above drawing shows Aluminium and Cast Iron only.

B 50

Moulded Non Metallic Series

- Simple construction, easy to maintain
- Capable of handling high S.G and viscous fluids
- Pressures to 8.6 bar
- Flow rates up to 530 litres/minute
- Flanged end connections
- Reliable, proven pneumatic air valve



TYPICAL CODE = B50. 02. PT. BB. EEP



Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

MOULDED NON METALLIC SERIES B50 POLYPROPYLENE & PVDF

Maximum Delivery:	530 ltrs/min
Max. Working Pressure:	8.6 bar
Max. Solid Particle Size:	6 mm.
Air Inlet:	3/4" BSP(F)
Temperature Limits:	Determined by Elastomers
Suction Lift (Dry):	6.1 m.
Suction Lift (Wet):	7.6 m.
Fluid Inlet/Outlet:	2" ANSI #150 RF Flanged
Installation:	Surface mounted
Accessories Included:	Exhaust Air Silencer

Shipping Weights:

Polypropylene/Aluminium	39.5 kg.
Polypropylene/Stainless	50.5 kg.
PVDF/Aluminium	50.5 kg.
PVDF/Stainless	70 kg.

Shipping Dimensions: 630 x 380 x 670 mm.



DIMP

23

Metallic Series

- Air valve designed for in-line maintenance .
- ø End ported for improved flow
- Pressures to 8.6 bar
- Flow rates up to 530 litres/minute
- . Bolted construction for greater integrity
- . Robust construction





TYPICAL CODE = B50. 02. AA. BB. BBB MODEL - B50 : Standard X50 : ATEX approved VALVE SEATS **DESIGN LEVEL** : ALUMINIUM : 316 STAINLESS STEEL : NEOPRENE Ň WETTED COMPONENTS : BUNA-N : EPDM В A : ALUMINIUM C : CAST IRON E : EPDM T : PTFE NON-WETTED COMPONENTS VALVE BALLS B : BUNA-N N : NEOPRENE A : ALUMINIUM C : CAST IRON : EPDM : VITON VALVE TYPE S : 316 STAINLESS STEEL T : PTFE W: WEIGHTED SUCTION ORIENTATION B : BOTTOM DIAPHRAGMS B:BUNA-N V:N T:PTFE E:E H:POLYESTER P:POLYURETHANE O:ONE PIECE N:NEOPRENE R:SANTOPRENE V : VITON E : EPDM

Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES B50 ALUMINIUM & CAST IRON

Maximum Delivery:	530 Itrs/min
Max. Working Pressure:	8.6 bar
Max. Solid Particle Size:	6 mm.
Air Inlet:	3/4" BSP(F)
Temperature Limits:	Determined by Elastomer
Suction Lift (Dry):	6.1 m.
Suction Lift (Wet):	7.6 m.
Fluid Inlet/Outlet:	2" BSP(F)
Installation:	Surface mounted
Accessories Included:	Exhaust air Silencer

Shipping Weights:

Aluminium	38	kg
Cast Iron/Aluminium	63	kg
Cast Iron	90	kç

Shipping Dimensions: 540 x 350 x 750 mm.



Metallic Series

- Simple construction, easy to maintain
- Self priming, ideal for emptying containers
- Pressures to 8.6 bar
- Flow rates up to 530 litres/minute
- Bolted construction for greater integrity
- 316 Stainless Steel







Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES B50 STAINLESS STEEL

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air Inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Suction Lift (Wet): Fluid Inlet/Outlet: Installation: Accessories Included: 530 Itrs/min 8.6 bar 6 mm. 3/4" BSP(F) Determined by Elastomers 6.1 m. 7.6 m. 2" BSP(F) Surface mounted Exhaust air Silencer

B 50

Shipping Weights:

Stainless Steel/Aluminium	70 kg.
Stainless Steel	95.5 kg.
Stainless Steel/Cast Iron	95.5 kg.

Shipping Dimensions: 630 x 380 x 670 mm.









Full Flow High Pressure

- Robust construction, easy to maintain .
- 0 Can easily handle viscous, high S.G and high head applications
- ø Smooth action, less vibration and wear
- Pressures to 16 bar
- Flow rates up to 350 litres/minute .
- . Bolted construction for greater integrity
- **6** Reliable pneumatic air valve
- ø Stalls against closed head without damage.
- Re-start on demand .







Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES-FULL FLOW 2:1 B50 STAINLESS STEEL, ALUMINIUM

Maximum Delivery:
Max. Working Pressure:
Max. Solid Particle Size:
Air Inlet:
Max Air Inlet:
Temperature Limits:
Suction Lift (Dry):
Suction Lift (Wet):
Fluid Inlet/Outlet:
Installation:
Accessories Included:

350 Itrs/min 16 bar 6 mm. 3/4" BSP(F) 8 bar Determined by Elastomers 6.1 m. 7.6 m. 2" BSP(F) Surface mounted Exhaust air Silencer

Shipping Weights:

Aluminium

52 kg. Stainless Steel/Aluminium 78 kg.

Shipping Dimensions: 850 x 450 x 800 mm.



The above drawing shows Stainless Steel only.

ehede

Hygienic Series

- Range of DIN/RJT and Ferrule connections
- Self priming for emptying containers
- Food grade elastomers-EPDM/PTFE
- Pressures to 8.6 bar
- Capable of handling high viscosity & S.G
- Certified CIP cleanable
- EU Design approval
- 316 Stainless steel
- Pump stand option for 180° rotation in place



TECHNICAL DATA;

HYGIENIC SERIES B50 STAINLESS STEEL

Maximum Delivery:
Max. Working Pressure:
Max. Solid Particle Size:
Air Inlet:
Temperature Limits:
Suction Lift (Dry):
Suction Lift (Wet):
Fluid Inlet/Outlet:
Installation:
Accessories Included:

500 Itrs/min 8.6 bar 10 mm. 3/4" BSP(F) Determined by Elastomers 6.1 m. 7.6 m. 2" RJT (Standard) Surface mounted Exhaust air Silencer

27

Shipping Weights: Stainless Steel

64 kg.

Shipping Dimensions: 660 x 430 x 880 mm.





Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

Metallic Series

- Air valve will not stall in mid position .
- ø Air valve designed for in-line maintenance
- ø End ported for improved flow
- . Pressures to 8.6 bar
- . Flow rates up to 889 litres/minute
- . Bolted construction for greater integrity
- **6** Robust construction







Performance curve



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.

TECHNICAL DATA;

METALLIC SERIES X75

Maximum Delivery:
Max. Working Pressure:
Max. Solid Particle Size:
Air inlet:
Temperature Limits:
Suction Lift (Dry):
Suction Lift (Wet):
Fluid Inlet/Outlet:
Installation:
Accessories Included:

889 Itrs/min 8.6 bar 10 mm. 3/4" BSP(F) Determined by Elastomers 4.0 m. 5.0 m. 3" BSP(F) Surface mounted Exhaust air Silencer

Shipping Weights:

Aluminium Cast Iron/Aluminium Stainless Steel/Aluminium 90 kg

53.5 kg. 90 kg.

Shipping Dimensions: 720 x 350 x 900 mm.





Submersible Centrifugal Pump

Industries

Mining Construction De-watering Sewage Well-pointing

Submersible

- Designed for underground use
- High intensity spark free
- Robust construction
- Modular construction, easy to maintain
- Spring loaded vanes for immediate start up
- Pumps solid particles up to 8mm
- Viton seal options for higher temperatures
- Integral baseplate/strainer

Performance curve

- Automatic overspeed control
- Integral oil reservoir automatic lubrication



TECHNICAL DATA;

SUBMERSIBLE CENTRIFUGAL PUMP

Maximum Delivery: Max. Working Pressure: Max. Solid Particle Size: Air inlet: Temperature Limits: Suction Lift (Dry): Suction Lift (Dry): Fluid Inlet/Outlet: Installation: Accessories Included: 560 Itrs/min 8.6 bar 6 mm. 3/4" BSP(F) Determined by Seals N/A N/A 2" BSPT(F) N/A None

29

Shipping Weights:

Cast Iron

33 kg.

Shipping Dimensions: 500 x 380 x 260 mm



Note: The above performance curve has been determined under the following conditions: flooded suction, pumping clean water through a calibrated electronic flow meter with pulsation dampener and silencer fitted.



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1" Stainless Steel 2:1 Pump

- 1" Stainless Steel 2:1 Pump
- c/w Custom Flange Design



1" Stainless with Steam Jacket

- 1" Industrial Stainless Steel Pump
- c/w Steam Jacket



4 Port Pump

 1" Aluminium 4 Port Pump also available in Stainless Steel, Polypropylene and Kynar

1/2" Aluminium with Stroke Counter

 1/2" Aluminium with Stroke Counter



2" Hygienic on Trolley

- 2" Hygienic on Trolley
- c/w Stainless Steel Trolley



рплр

1" Hygienic

- 1" Hygienic
 Pump
- c/w Steam Jackets





Blagdon Accessories

Pulsation Dampener

- Virtually pulsation free flows
- Steadier pressures
- Less vibration and noise
- Simple installation
- Variety of sizes and materials
- Automatically self-charging



Flanges

- ANSI 150 as standard also available: ANSI 300
 - PN16
 - Food Industry RJT,
 - DIN, TRI-CLAMP
- Ease of connections to pipework systems



Valve Block with Sensors

- Batch Control
- Linkage to control equipment
- Greater process control
- 10 30v DC, PNP normally open

Oil Bottle Assembly

- Exclusive to Blagdon Pump
- Robust heavy duty design
- Suitable for arduous installations
- Safe for underground use no aluminium



Filter Regulators

- Maintains constant oil density with varying flow
- Remote installation for ease of maintenance
- Ensures clean, filtered air
- Can be controlled independently of other equipment









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- Kit Revisions
- Index with Components and Drawings
- Viscosity Correction Curve
- Flow Rate Conversion Calculator
- Shipping Weights and Dimensions
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