

DOMINATOR

COMPRESSED AIR DRIVEN DOUBLE DIAPHRAGM PUMPS

ALUMINUM, STAINLESS STEEL, PP AND PVDF

P1, 1/2"
P3, 1"
P4, 2"



P30 S



P30 A



P35 P/D



P15 P/D



P10 A



P10 S

Dominator pumps series P is manufactured in Sweden and equipped with our patented air valve system. With this unique air valve there is no risk that the valve will stall in the centrifugy, and cause production break-down.

This pump range is suitable for the transfer of both non-corrosive and corrosive liquids. The discharge capacity is proportional to the stroking speed and can be infinitely varied from 0-100% by regulating the compressed air

supply with a pressure regulator, or with a valve on the discharge pipe.

The pumps are self-priming, can be run dry, require no pressure relief equipment and are suitable for continuous and intermittent duty.

This series is manufactured in Aluminum, Stainless Steel, PP and PVDF, with various diaphragm and valve ball materials available.

TECHNICAL INFORMATION

SPECIFICATION OF MATERIALS AND ENGINEERING DATA

MATERIAL		SPECIFICATION							
PUMP HOUSING	CODE	PUMP TYPE	P10A	P10S	P15 P/D	P30A/B	P30S	P35 P/D	P40 S
Aluminum SIS 4261	A	Capacity l/min	20	20	20	100	100	100	300
Stainless Steel SIS 2343	S	Working pressure max. bar	10	10	5	10	10	5	10
Polypropylene/PP	P	Temp. max. °C	100	100	60/90	100	100	60/90	100
PVDF/Kynar	D	Material conn. threaded	1/2" female	1/2" male	1/2" female	1" female	1" male	1" female	2" male
PTFE-coated Aluminum	B	Air connection threaded, female	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/2"
DIAPHRAGMS		Particle size, max. mm	3	3	3	7	7	7	12
Buna-N/NBR	N	DIMENSION AND WEIGHT							
EPDM/Nordel	E	Length mm	175	240	200	295	330	290	515
Viton	V	Width mm	145	145	140	220	195	210	360
PTFE-coated NBR	B	Height mm	225	305	245	275	450	400	770
PTFE/Teflon, solid	T	Weight kg	4,5	7	5	10	14	11	32
VALVE BALLS									
Buna-N/NBR	N								
EPDM/Nordel	E								
Viton	V								
PTFE/Teflon	T								

Capacity and air consumption, please refer to enclosed data sheet.
For pumps type P3 fitted with Teflon diaphragms, reduce water discharge figures by 15%.

CAUTION: Do not exceed 10 bar air supply pressure for Metallic pumps.
Do not exceed 5 bar air supply pressure for Plastic pumps.
We recommend the use of an air regulator on the air supply.

NOTE: These pump types are also available with two inlets and two outlets, type T, e.g. T10-ABT

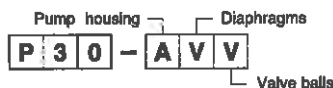
APPLICATIONS

- Chemicals
- Solvents
- Plating
- Acids
- Oils
- Inks
- Glues
- Alkalies
- Enamel
- Polyester

FEATURES

- Self-priming
- Leakproof
- Explosion resistant
- Automatic flow control
- Runs dry indefinitely
- Automatic shut-off during discharge blockage
- Suitable for abrasive liquids
- Gentle treatment of the pumped material
- Suitable for high viscosity materials

HOW TO CHOOSE CORRECT PUMP CODE



The company reserves the right to change specifications in this publication without notice.

Distributed by:

Adhoco LTD.
390 Tapscott Road, Unit #10
Scarborough, Ontario M1B 2Y9
SCARBOROUGH: (416) 291-3504 OTTAWA: (613) 564-0143
Other Areas: 1-800-265-1438 FAX: (416) 291-4043
www.adhoco.com

