

DOMINATOR

P1, 1/2"

P3, 1"

COMPRESSED AIR DRIVEN DRUM DIAPHRAGM PUMPS

ALUMINUM, STAINLESS STEEL, PP AND PVDF



This series of the Dominator pump range is for the emptying of drums. Dominator drum pumps are *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 centricity, and cause production break-down. There are two sizes available, 1/2" and 1" discharge connection. The suction pipe is equipped with a sliding 2" standard drum bung.

This pump range is suitable for the transfer of both non-corrosive and corrosive liquids. The discharge capa-

city 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 (e.g. a pistol valve).

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	
PUMP HOUSING	CODE
Aluminum SIS 4261	A
Stainless Steel SIS 2343	S
Polypropylene/PP	P
PVDF/Kynar	D
PTFE-coated Aluminum	B
DIAPHRAGMS	
Buna-N/NBR	N
EPDM/Nordel	E
Viton	V
PTFE-coated NBR	B
PTFE/Teflon, solid	T
VALVE BALLS	
Buna-N/NBR	N
EPDM/Nordel	E
Viton	V
PTFE/Teflon	T

SPECIFICATION							
PUMP TYPE	P11A	P11S	P16 P/D	P31A/B	P31S	P36 P/D	
Capacity l/min	20	20	20	100	100	100	
Working pressure max. bar	10	10	5	10	10	5	
Temp. max. °C	100	100	60/90	100	100	60/90	
Material conn. threaded	1/2" female	1/2" male	1/2" female	1" female	1" male	1" female	
Air connection threaded, female	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	
Particle size, max. mm	3	3	3	7	7	7	
DIMENSION AND WEIGHT							
Length	mm	175	240	200	295	330	290
Width	mm	160	145	140	220	195	210
Height	mm	245	325	260	310	450	400
Weight	kg	6	8	5,5	12	15	12

Capacity and air connection, 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.

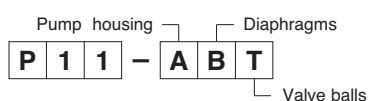
APPLICATIONS

- 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 abrassive 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.



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