

2" NON-METALLIC MODELS

The 2" Air Operated Double Diaphragm Pumps made of specially injected moulded plastic parts can reach a flow rate of up to 680l/min (185GPM) and they offer a wide range of construction materials ranging from natural or conductive polypropylene to PVDF for optimum fluid compatibility and corrosion resistance. The fluid inlet and outlet ports are placed on the side to avoid eventual material leaks onto the pumps. The discharge and inlet manifolds can be oriented 180° for the convenient installation of the pump. The flanged bolted pattern meets both DIN and ANSI requirements. These pumps are often used for transferring, filling, recirculating and batching in a variety of industries.



MAIN APPLICATIONS



- OIL & GAS/PETROCHEMICAL
- PLANT & MECHANICAL ENGINEERING
- PAINT & COATING INDUSTRY
- PULP & PAPER/CARDBOARD
- CHEMICAL PROCESSING
- POWER STATIONS (ENERGY)
- WASTER WATER/WATER TREATMENT
- TANK FARM/BULK TRANSFER
- FILTER PRESS (WATER DISPOSAL)

TECHNICAL DATA

METAL PUMPS

Pressure Ratio	1:1
Maximum Free Delivery	680l/min (185 US gal/min)
Air pressure range	1,5 to 7 bar (22 to 100 psi)
Solids in suspension, Max. size	6,4 mm (1/4")
Max dry suction lift	5m (16')
Max wet suction lift	8 m (26')
Fluid inlet/outlet ports (Flanged)	2"ANSI/DIN. Side Ends.
Air Inlet Port (Female)	3/4" BSP
(Female)	3/4" NPT F
Air Exhaust Port (Female)	1 1/2" NPT F
Sound level	85 db (A) @ 50 Cycles/min @ 70 psi
Weight (Plastic version)	28 kg (62 lb)

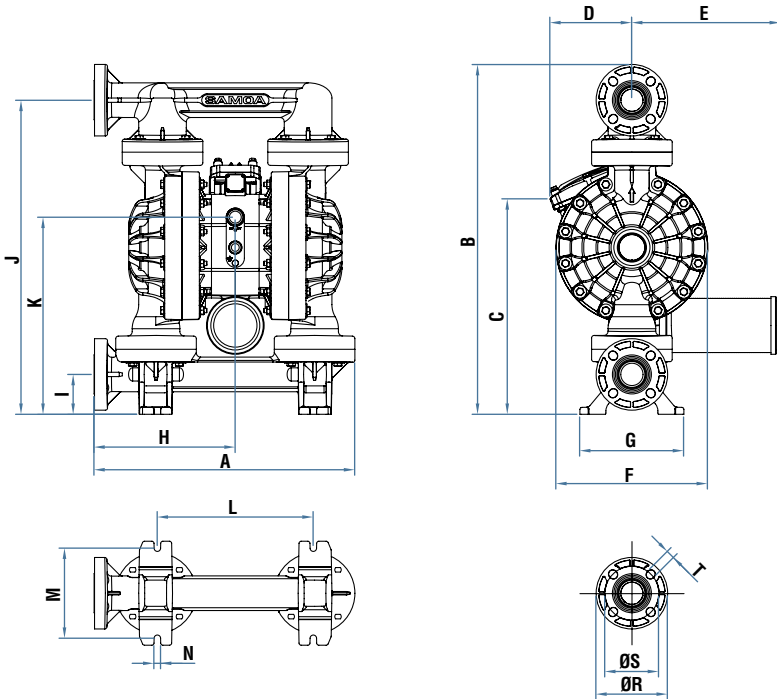
PUMP NOMENCLATURE

UX20X		FXS			XXX			X
PUMP TYPE	AIR BODY	WETTED PATH			VALVES & DIAPHRAGMS			OPTIONS
1 Pump Type & Size	2 Center Body & Air Caps	3 Fluid Ports	4 Fluid Caps & Manifolds	5 Hardware Bolts	6 Valve Seats	7 Valve Balls	8 Diaphragms Type & Material	9 Options
UP20 Standard Pump (Bolted) UE20 Electronic Interface Accessible Pump	B- Conductive* Polypropylene (black)  ATEX Certified	F -2" ANSI/DIN Flanged Ports Side Ends.	B- Conductive* Polypropylene (black)  ATEX Certified P- Polypropylene (white) W-PVDF (Kynar®) (graphite)	S- Stainless Steel	P- Polypropylene W-PVDF (Kynar	N- Nitrile (Buna-N) V- FKM (Viton®) H- Hytrel® M- Santoprene® T- PTFE (Teflon®)	Conventional G- Nitrile (Buna-N) C- Hytrel® A- Santoprene® Two-piece Z- PTFE (Teflon® w/Santoprene backer) Overmolded N- Nitrile (Buna-N) V- FKM (Viton®) H- Hytrel® M- Santoprene® T- PTFE (Teflon®)	

*  Pumps for use in hazardous locations ATEX Group II 2GDx.

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UP20 NON-METALLIC FLANGED PUMPS



DIMENSIONS (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	S	T
CON BRIDA	602	808	497	189	344	350	240	326	92	725	455	360	208	15	165	120,5-125	19
DIMENSIONS (in)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	R	S	T
CON BRIDA	23 45/65	31 13/16	19 9/16	7 7/16	13 35/64	13 25/32	9 29/64	12 53/64	23/64	28 35/64	17 29/32	14 11/64	8 3/16	19/32	6 1/2	4 3/4-4 59/64	3/4

2" NON METALLIC PUMP CAPACITY CURVES

