

FLUIDYNE'S Barrel Pump

NEW
HIGH VOLUME - SEALLESS
PORTABLE TRANSFER PUMPS

ELECTRIC & AIR MOTOR FOR SPEED & SAFETY

Fluidyne Instruments Pvt.Ltd an ISO 9001-2000 company is a manufacturer of wide range of industrial barrel pump specially designed and engineered to meet the need of today's fast paced industry. The important feature of the pump starts with its unique pump tube and axial vane Impeller. Conveniently located on the top is an on - off switch for easy control. The rugged motor is designed with large handle grip to ensure a secure grasp when wearing bulky rubber gloves. Pump tubes are interchangeable and easily connected or disconnected to the motor by means of grip collar nut. Accessories like hand flow regulator and braided vinyl hose are also available. The high volume barrel transfer pump is suitable for transfer of solvents, acids, alkalis, petroleum products, etc from barrels, carboys and tanks. Chemical resistant anticorrosive parts like PP, Teflon, Hastalloy C, Viton, rugged SS 316 / SS304 also available. High power motor for viscous fluid and high heads, air booster pumps are available for very highly viscous liquids and very high heads. Our products are functioning in all major process, chemical, power, food, textile, pharma, medical and heavy engineering sectors.



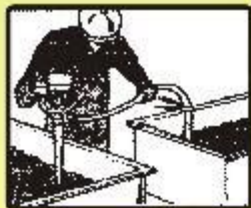
- SEALLESS
- SELF PRIMING.
- QUICK DRAINING.
- CAN RUN DRY.
- HIGH POWER, DOUBLE INSULATED (500/1150 WATT) MOTOR.

- CONTINUOUS DUTY RATED.
- STAINLESS STEEL, PP, TEFLON BODY.
- EX-PROOF DESIGN AVAILABLE.

(For Group I,II A & II B Under IS 2148-1981 & IS 5571-1970)

- For Strong Solvents-Acids -Alkalis Concentrated Caustics & Bleaches, Dilute Acids & Caustics.

Some Applications



Chemical transfer



Tank/Vessel Filling



Labortary Use

Accessories



Air filter with lubricator



Flexible Hose

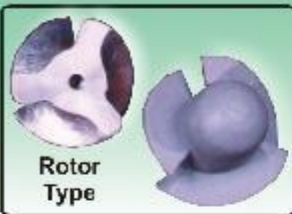


Hand Flow Regulator

AIR BOOSTER PUMP



New highly efficient Impellers

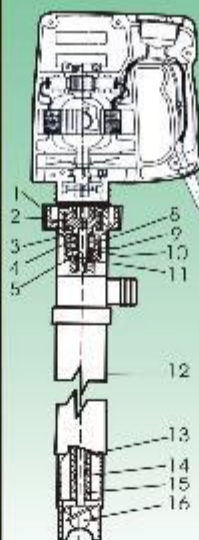


Rotor Type

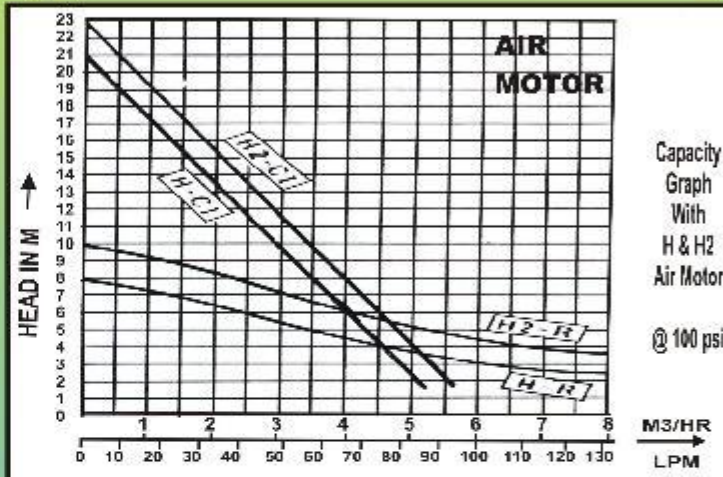
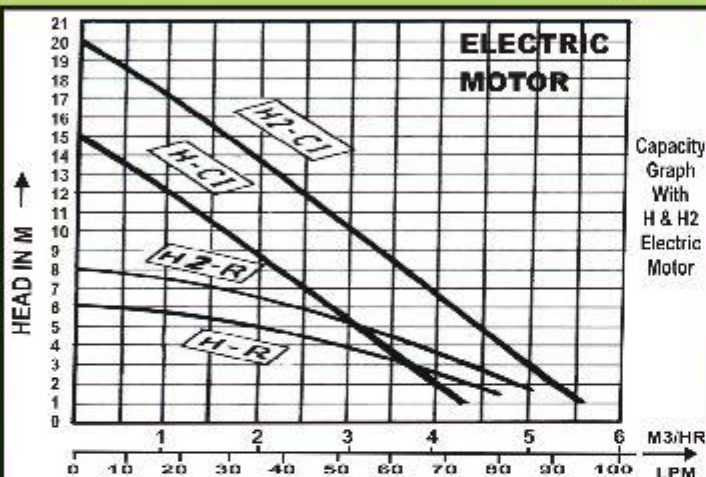


Centrifugal Type

ITEM CODE	NAME	(S.S.) PUMP MATERIAL	(P.P.) PUMP MATERIAL
1	Collar	Al	Al
2	Retaining Ring	steel	steel
3	Retaining Ring	steel	steel
4	Bearing insert	steel	steel
5	Coupling Shaft	S.S.	Hastelloy-C
6	Coupling Spider	Nylon	Nylon
7	Coupling	S.S./Nylon	S.S./Nylon
8	Ball Bearing	S.S.	S.S.
9	Retaining Ring	Steel	Steel
10	Washer	S.S.	PP.
11	Vapor Seal	Viton	Viton
12	Pump Tube(barrel)	S.S.	PP.
12A	Pump Tube (carbonyl)	S.S.	PP.
13	Shaft	S.S.	Hastelloy-C
14	Bearing	Teflon	Teflon
15	Bearing Retainer	Teflon	Teflon
16	Impeller	P.P./S.S.	PP
16A	Strainer	S.S.	PP.
17	Brig Cartridge		
18	Complete Pump Tube Assy - Polypyrlyene**		
18A	Complete Pump Tube Assy - S.S.**		



*Includes Items 3, 4, 5, 8, 9, 10, 11
** Includes Items 1 thru 12, 13, thru 16.



Note :CI -CENTRIFUGAL IMPELLER, R- ROTOR IMPELLER, TEST FLUID WATER AT 21° C.

Sr.No	BARREL PUMP TYPE	MODEL NO*	M.O.C
1	P.P. - STANDARD / ELECTRIC	P 80 H-40-PP-EM	BODY & IMPELLER: P.P., SHAFT: HESTALLOY -C
2	P.P. - STANDARD / AIR	P 80 H-40-PP-AM	SEAL :VITON, OTHERS : TEFLON
3	SS304 - STANDARD /ELECTRIC	P 80 H-40-SS304-EM	BODY & SHAFT : SS304, IMPELLER : SS316
4	SS304 - STANDARD / AIR	P 80 H-40-SS304-AM	SEAL : BUNA-N/ VITON/EPR, OTHERS : TEFLON
5	SS316 - STANDARD/ELECTRIC	P 80 H-40-SS316-EM	BODY & SHAFT : SS316, IMPELLER : SS316
6	SS316 - STANDARD / AIR	P 80 H-40-SS316-AM	SEAL : BUNA-N/VITON/ EPR, OTHERS : TEFLON
7	TEFLON STANDARD /ELECTRIC	P 80 H-40-PTFE-EM	BODY & IMPELLER: PTFE ,SHAFT/GUIDE:HASTALLOY-C
8	TEFLON STANDARD / AIR	P 80 H-40-PTFE-AM	SEAL:VITON, OTHERS:TEFLON
9	C.S. ECONOMY	P 60-40-C.S.-EM	BODY: C.S, SHAFT : SS304
10	SS304 ECONOMY	P 60-40-SS304-EM	BODY & SHAFT : SS304
11	SS316 ECONOMY (WITH 300W ELECTRIC MOTOR)	P 60-40-SS316-EM	BODY & SHAFT : SS316
12	MANJAL ROTARY PUMP	M 80-40-C.I.	C.I.
13	MANJAL ROTARY PUMP	M 80-40-SS304	SS304
14	MANJAL ROTARY PUMP	M 80-40-SS316	SS316
15	SS304- AIR BOOSTER PUMP	B 80-40-SS304	SS304
16	SS316- AIR BOOSTER PUMP	B 80-40-SS316	SS316
17	TEFLON- AIR BOOSTER PUMP	B 80-40-PTFE	TEFLON (PTFE)

NOTE:1)* In MODEL NO. above : 'H' signifies standard motor ratings(500 watt), 'H2' high power (1050 watt) also available, Length 40 (inch) is suitable for Standard Barrel and other lengths also available on request, EM-Electric motor, AM- Air motor.

- For light and semi viscous liquid use standard power (H) motor, for semi and medium viscosity liquids select high power (H2) motor.
- Select M.O.C. of pump body and confirm vapors seal material compatible with service requirements.
- For high viscosity fluids select Air Booster Pumps.
- Refer Head v/s Flow Graph to select: Impeller Type- R (Rotor) or C (Centrifugal) and Power of the motor (type H or H2).
- If in doubt please feel free to contact us or call us for pump trail.



FLUIDYNE INSTRUMENTS PVT. LTD.

(AN ISO 9001 Company)

70/D3,Central Avenue,Near Chembur Rly Station, Mumbai-400071(INDIA)

Tel : 2528 5345, 2528 0784, 2528 0073, Fax : 2528 0642 Gram : 'TELEFLOW'

E-mail : teleflo@vsnl.com fluidyne@hotmail.com



Rg. No. 18323.04

Our other products: Process equipments, Safety fittings, Strainers & Filters, Flow meters, Flow switches, Flow indicators, Valves, Stirrers etc.