



INDO-FORCE PUMP

POLYPROPYLENE CENTRIFUGAL PUMPS



POLYPROPYLENE CENTRIFUGAL PUMPS



APPLICATIONS

- Water treatment Plant, Effluent Treatment, Filter Press for dyes and Chemicals, Fertilizer Plants, Thermal and atomic power plants, Drugs & Pharmaceutical Industries Descaling of Tubes, Scrubbing of corrosive gases like Cl_2 , Br, I, SO_2 , NH_3 , F_2 Etc.
- Excellent for Vacuum ejectors.
- Transferring of concentrated HCL from Road tankers Paper & Pulp Industries Pickling in Steel rolling mills. Caustic soda Plants : Chlorinated Brine, Conc. HCL, Dilute H_2SO_4 etc.
- PHOSPHORIC Acid Plants : H_3PO_4 , H_2SO_4 , HF and their mixture with or without solid (gypsum) up to 40% conc.
- Gas Washing Plants : Scrubbed Liquids containing Cl_2 , Br_2 , F_2 , I_2 , SO_2 , SO_3 , CO_2 , NH_3 , Gases tec. with solids replace Hast Alloy.
- Rayon Plants : Spin bath solution (H_2SO_4 , ZNSO_4 , NASO_4 etc.) Electro Plating.

MATERIAL OF CONSTRUCTION

- **CASING** : Top Centerline discharge and Integrated flanges, Single piece, joint less casing formed out of Injection molded Polypropylene / PVDF / UHMWPE.
- **IMPELLER** : Hydraulically balanced and accurately matched to casing profile, the semi open type impeller with particle shroud and glass finished smooth flow passage ensure high efficiency low NPSH performance Impeller made from compressor molded Polypropylene PVDF / UHMW.
- **SHAFT** : The Shaft is made from SS 304 Protected by shaft sleeve of alloy-20 or alumina field Teflon or ceramic.
- **BEARING HOUSING**: Made from heavy duty graded casting.
- **BEARING** : SKF Ball Bearing
- **MECHANICAL SEAL**: Rotary part of seal is made from Glass filled Teflon & Stationary part of seal is made from high alumina filled ceramic.
- **DISTANCE PIECE**: Heavy duty one piece injection molded poly propylene.

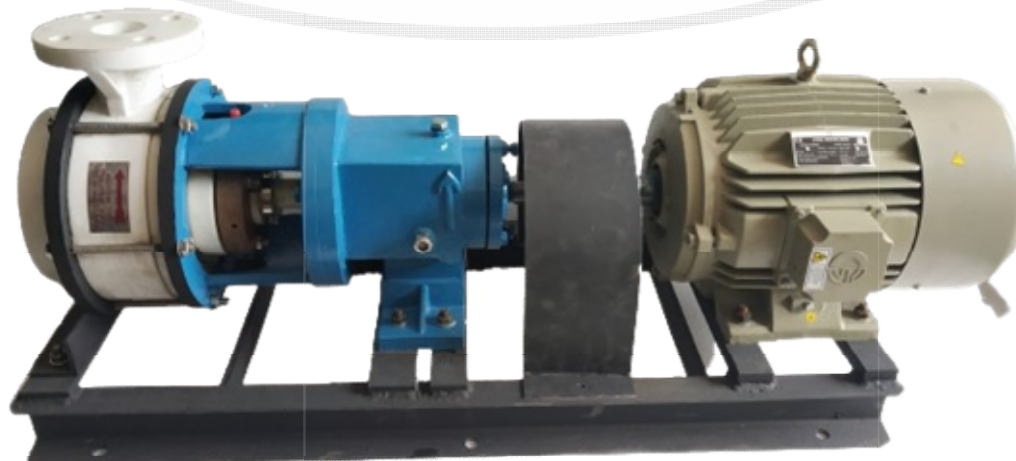
RANGE

- **Head Up To** : 60 mtrs
- **Pump Size** : 25 mm to 150 mm
- **Capacity** : 180 M3/hr
- **Speed** : 1440/2880 RPM / at 50 Hz & 1750/3500 RPM / at 60 Hz
- **Temperature** : up to 110°C

TEMPERATURE RESISTANCE

- PP: - 50° TO 80°C
- PPH: - 90° TO 100°C
- PVDF:- 100° TO 115°C

MODEL	SUCTION (MM)	DELIVERY (MM)	IMPELLER (MM)	HP	RPM	Capacity in M ³ /hr					
						Head in meter					
IFPP-100	25	25	100	01	2900	12	11	08	05	02	00
						04	06	07	09	10	11.5
IFPP-120	40	32	120	02	2900	19	15	10	08	05	00
						05	07	11	13	15	17
IFPP-50R	40	40	190	02	1440	26	25	12	06	2.0	00
						02	05	08	10	11	12
IFPP-130	50	40	135	03	2900	22	18	13	08	05	00
						09	14	17	21	23	25
IFPP-160R	40	40	140	03	2900	25	22	15	09	05	00
						05	10	15	18	20	23
IFPP-50	75	40	205	03	1440	32	25	15	05	00	00
						10	11	12	13	14	15
IFPP-160	75	40	157	05	2900	30	25	18	10	05	00
						10	15	20	25	27	29
IFPP-55	75	50	210	05	1440	46	37	30	15	05	00
						06	12	14	15	17	16
IFPP-170	75	50	160	7.5	2900	50	40	35	20	07	00
						10	15	20	25	30	33
IFPP-40	50	40	190	12.5	2900	40	35	30	25	10	00
						25	30	35	40	45	50





OFFICE ADDRESS : B-30, Saundarya Ind. Park, Nr.
Mizan Motor Waybridge, Gatral-Bakrol Road,
Bakrol Bujrang, Ahmedabad-382430

E-mail : info@indoforcepump.in
realindustries2012@yahoo.com

Visit us : www.indoforcepump.in