



UA-F series

Upompe Fiberglass Reinforced Pumps, UA-F series is excellent for handling corrosive and aggressive chemical, Sea Water and waste water handling and transfer process.

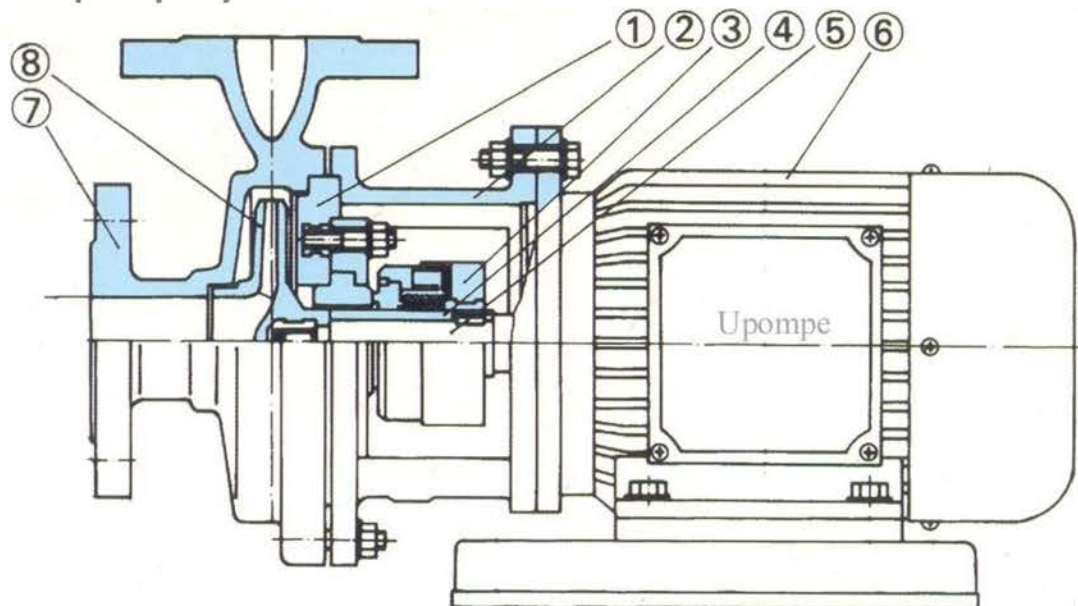
Materials:

Upompe UA-F fibre glass reinforced plastic pump are made with Polyvinyl Butyral and modified phenolic glass fibre materials through high temperature die pressing to feature outstanding corrosion resistance, heat resistance, good strength, light weight and no deforming.

Products features:

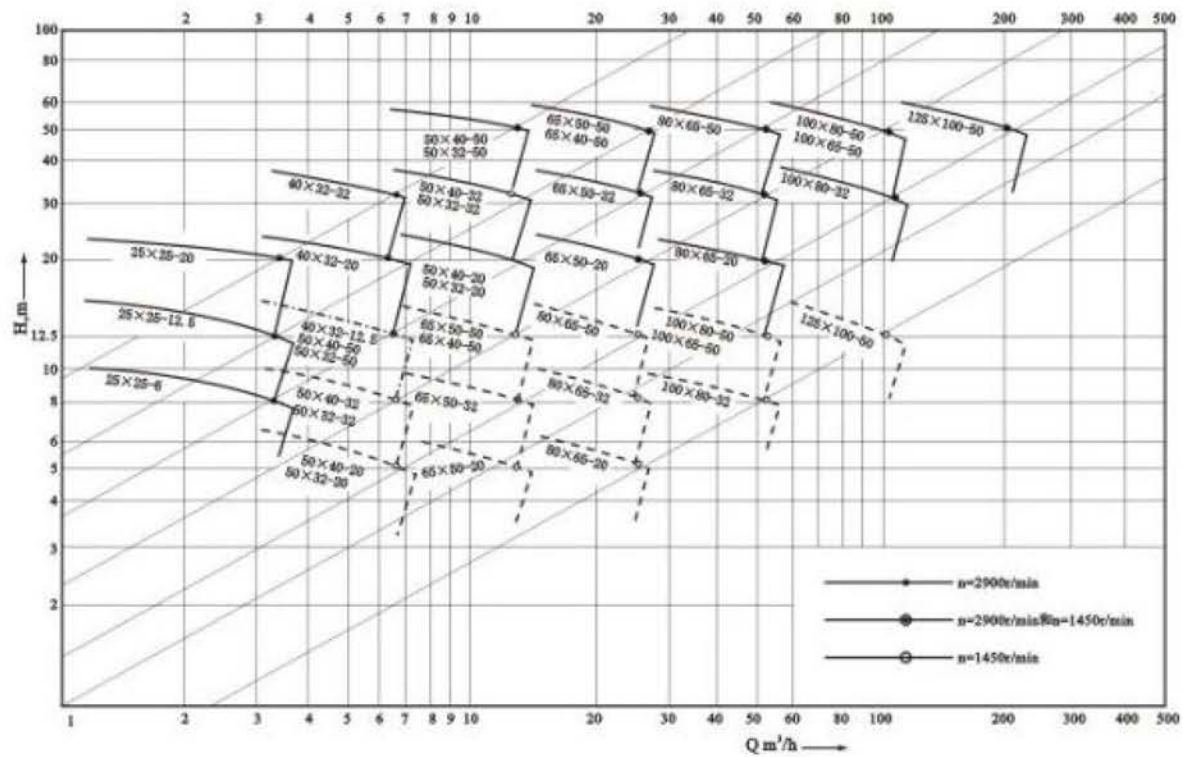
- Pump design:** High precision moulding and strictest quality control ensures that tolerance and clearance are sufficiently and efficiently incorporated. Working pressure is up to 6 bars and working temperature up to 100 degree C.
- Pump housing:** Foot mounted, end suction with back pull out.
- Shaft:** Stainless alloy with FRP encapsulated. Shaft load is design for robust in the system and from the suction port.
- Bearing:** All are standardize with life-lubricated, seal deep groove bearing to eliminate periodical greasing requirements and reduce of maintenances down time

General pump layout:



- | | | |
|--------------------|-------------------|------------------|
| 1. Pump rear cover | 4. Shaft sleeve | 7. Front housing |
| 2. Adaptor housing | 5. Shaft | 8. Impeller |
| 3. Mechanical seal | 6. Electric motor | |

Standard Performance chart:



General Chemical Resistance Charts:

Chemicals	Concentrations, %	Temperature, C
Hydrochloric Acid	37%	100
Hydrochloric Acid	50%	100
H2SO4	< 35%	100
Nitric Acid	5-10%	30
Acetic Acid	99%	30
Lactic Acid	80%	100
Chloroethanol Acid	70%	100
Phenolsulphonic Acid	80g/L	60
Brine	saturated	100
Ammonium Chloride	80%	100
Sodium Sulphate	75%	85
Chloral	saturated	95
Alcohol	-	100
Disopropyl Ether	99%	30
Acetic Anhydride	65%	90
Sulphur Trioxide	-	80
Trichloroethane	95%	90
Benzene toluene	90%	95
Ethanol & Methane	-	30

Warranty clause:

Upompe stand guarantee only to the genuinely of materials used in our pumps but do not stand guarantee for any kind of chemical, physical and toxicological effect on the same by the liquid handle with our pumps. Since the conditions of handling and use are beyond our control, we make no guarantee of results. We assume no liability for inquiries, damages or penalties, resulting its use whether or not our recommendations are followed. Our recommendations are only on the basic of our experience and should not be taken as guarantee.

Contact: