

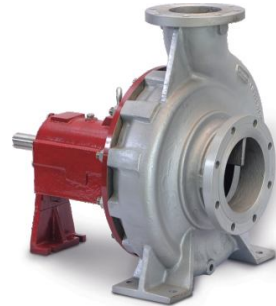
Range of Products



ANSI Pumps, ANSI B73.1 M

Range of Coverage

- Max. Capacity: 1000 m³/hr
- Max Head: 150 mts
- Temperature: -210 to 260° C
- Working Pressure: 2550 kPa



ISO 2858/5199 Pumps

Range of Coverage

- Max. Capacity: 1000 m³/hr
- Max Head: 150 mts
- Temperature: -210 to 260° C
- Working Pressure: 2550 kPa



**Vertical Submersible Pump
In Non-Metallic Construction**

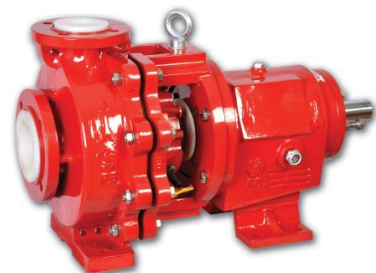
- Sump Depth Up to 2 meters
- Available Materials of Construction: PP & PVDF



Thermic Fluid Pumps

Range of Coverage

- Max. Capacity: 350 m³/hr
- Max Head: 120 mts
- Temperature: Upto 350° C
- Working Pressure: 2550 kPa



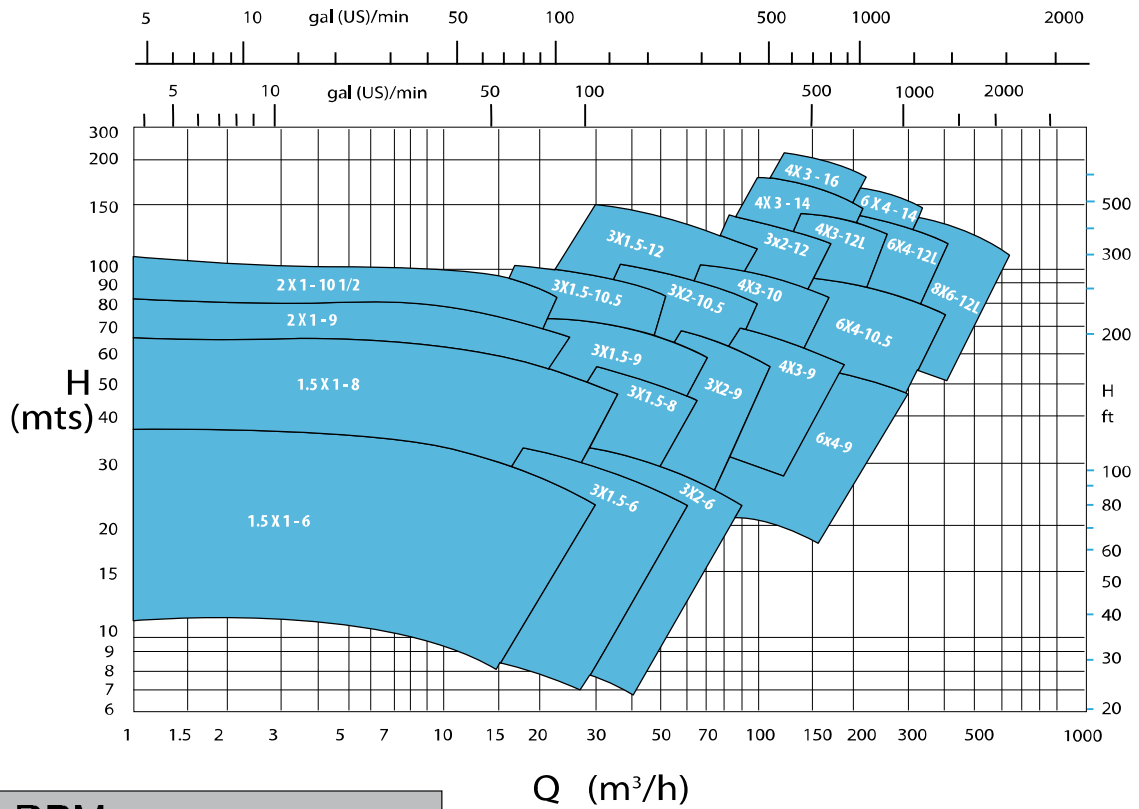
Non-Metallic Pumps

Range of Coverage

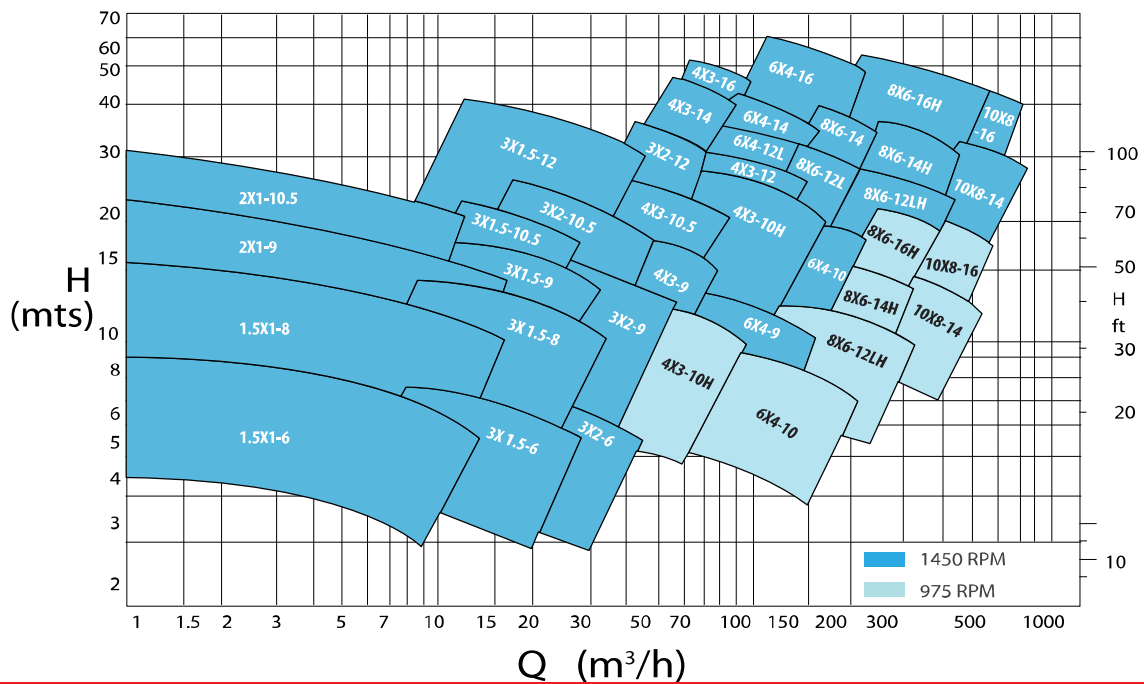
- Max. Capacity: 500 m³/hr
- Max Head: 100 mts
- Temperature: Upto 140° C
- Working Pressure: 2550 kPa

ANSI Pumps: Hydraulics Coverage

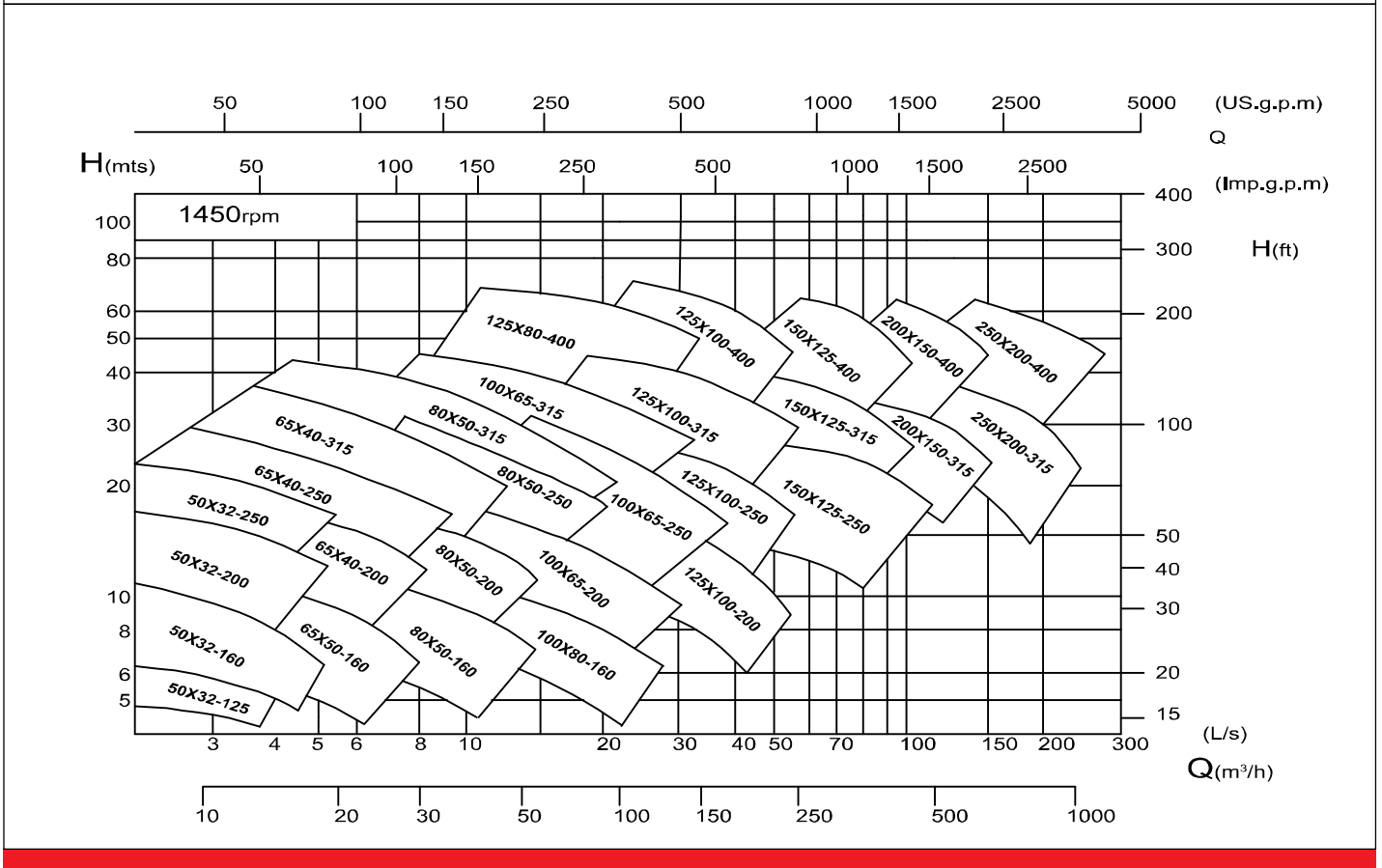
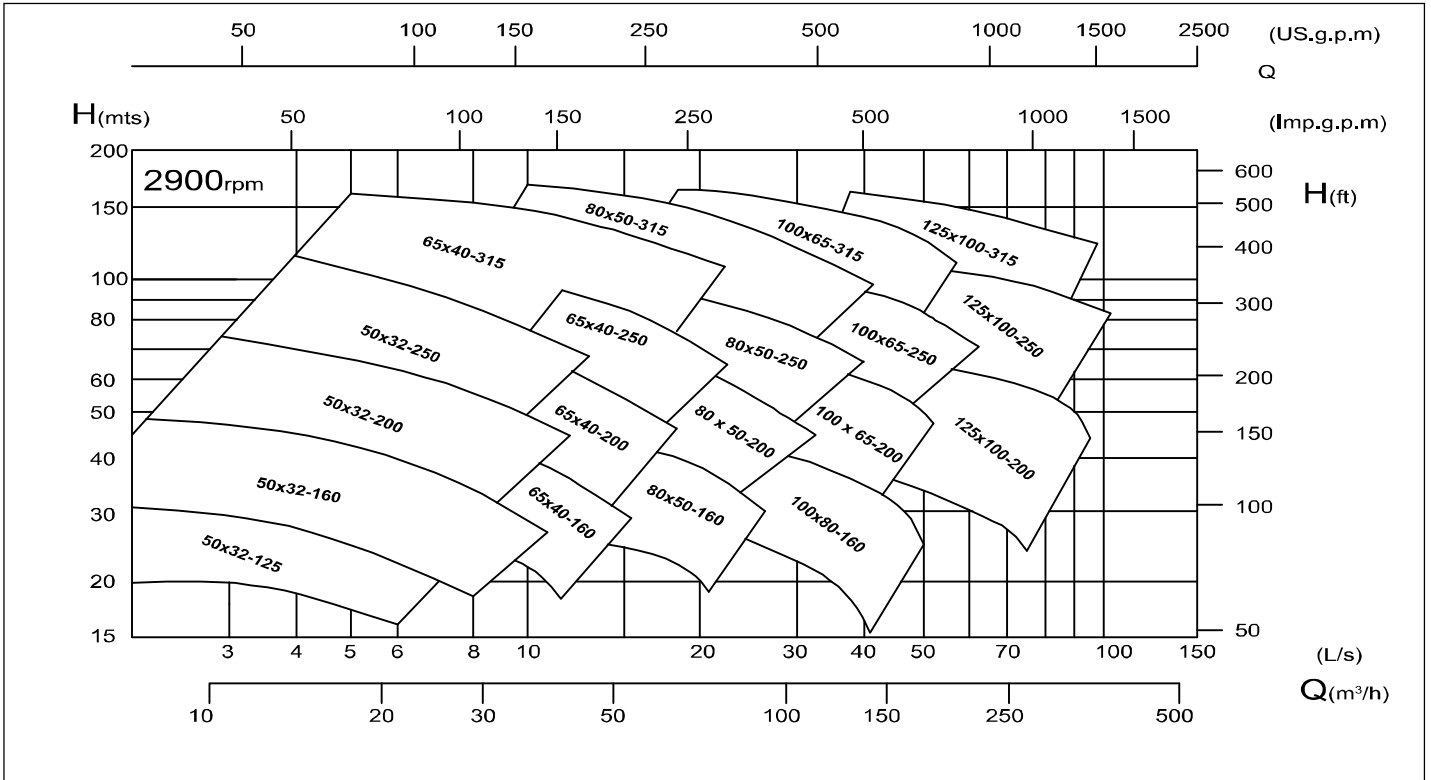
2900 RPM



1450 RPM



Hydraulics Coverage: ISO & Thermic Fluid Pumps



Material Cross Reference Chart

Material	ASTM Casting Grade.
Cast Steel	WCB
SS-304	CF8
SS-316	CF8M
SS-316L	CF3M
CD4MCu	CD4MCu
Alloy - 20	CN7M
Carpenter 20	CK-20
Duplex SS	Grade 4A,5A,6A
Hastelloy B	N12MV
Hastelloy C	CW12MW
Nickel (100%)	CZ-100
MONEL	M-35
Ni-Hard	Ni-Hard(Ni-Resistance)
Cast Titanium	B367 Grade C2 / C3

GENERAL APPLICATION INSTALLATION LIST
<p>INDUSTRY</p> <p>Chemical Sulphuric Acid Sodium Hydroxide Hydrochloric Acid Acetic Acid Ammonium Chloride</p>
<p>Petrochemical</p> <p>Benzene Toluene Ammonia Methanol</p>
<p>Pulp & Paper</p> <p>Shower Water White Water Chlorine Dioxide</p>
<p>Brewing</p> <p>Sprage Water Hot / Cold Wort Chilled Water Beer</p>
<p>Primary Metal</p> <p>Copper Cyanide Sodium Cyanide Chromic Acid</p>
<p>General</p> <p>Condensate Deionized Water Shower Water</p>

Applications of Exotic Alloy Pumps

1. Duplex SS (Grade4A,5A,6A): All Sea Water Applications having a good corrosion and abrasion resistance.
2. Alloy 20: All applications of Sulphuric Acid this metal is a Complete winner having wide presence in fields of Paper and Pulp(Alum Transfer), Paint industry, Speciality Chemicals, Battery manufacturing, Pesticides and Fertilisers.
3. Hastalloy B and C: For all highly corrosive applications where there are mixtures of liquids at elevated temperatures. Major Industry it targets is Agro Chemicals.
4. Monel 400: majorly all Applications of Highly corrosive,erosive and abrasive liquids. It works best with various acids, halogens, other corrosive mixtures. It contains 65% of Nickel for tackling majority of aggressive chemicals.
5. 100% Nickel: for Caustic Transfer Applications at elevated temperatures. Major Industry- Caustic Soda Plants.
6. CD4MCu and Ni- Hard: These materials are used where the liquid is Highly abrasive in nature. With high amount Chrome content the above Properties can be achieved. Major industries would be Mineral Processing for CD4MCu and Ni Hard is widely used for handling Ash Handling Slurries in Blast Furnace Operations of Hot Rolling Mills in Steel Plants.