



UNLIMITED FLOW SOLUTIONS



Fluor plastic Teflon Pumps, UA-Chem series

Applications:

- Chemical transfer
- Waste water transfer
- Corrosive liquids handling
- Con acid handling
- Self priming
- Small Solid handling

Features & Applications:

- Installed in corrosive, pure and contaminated media in the chemical, pharmaceutical, petrochemical, metal processing, waste water and disposal plants.
- Impeller & Casing are PFA-PTFE lined
- Impeller type available from closed to semi opened.
- Build with standard in grease lubrications. Optional in oil bath system
- Dimension to EN 22 858/ISO 2858
- Direct coupled and compact closed coupled is available
- Flange standard can be drilled to ANSI B16.5, JIS & BS.
- Flow rate up to 300 m³/hr
- Pressure up to 90m
- Operating temperature range from -10C to + 180 C



Semi open & closed impeller design for Upompe UA-Chem pumps

Special Features

Upompe UA-Chem pump is design with special low noise motor, hydraulically balanced PFA/PTFE lined impeller, best for low noise environments. All wetted parts are PFA/PTFE lining included of internal casing, impeller and shaft.

Pump all design with back pull out and easy for maintenance and services.

Casing

Pump casing are PFA/PTFE lined and supports by heavy duty cast iron volute casing. It robust design integrally cast feet vertically top center line of motor for stable operations.

Impeller

Closed or semi opened hydraulically balanced double shrouded type with PFA/PTFE lined and is positively driven by shaft key and impeller nut.

Stuffing Box

Standard stuffing box fitted with Teflon bellow mechanical seal.

Bearing Housing

Bearing are grease lubricated and fitted with grease nipples which allows periodic greasing.

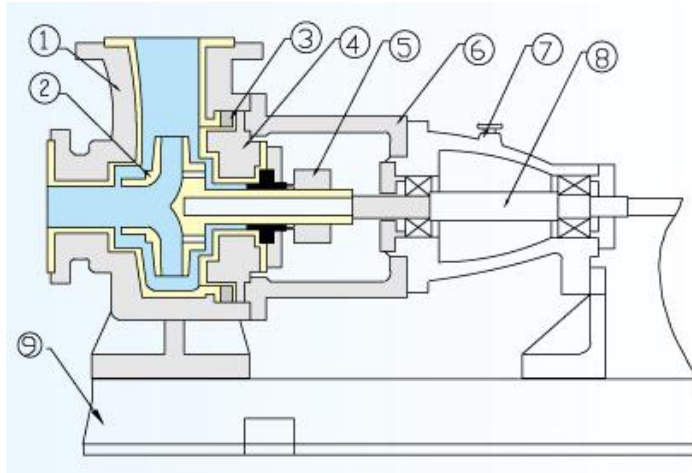
Permanently, sealed grease bearings are available. For model built with bearing housing, the material is rugged cast iron construction.

Model Number Description:

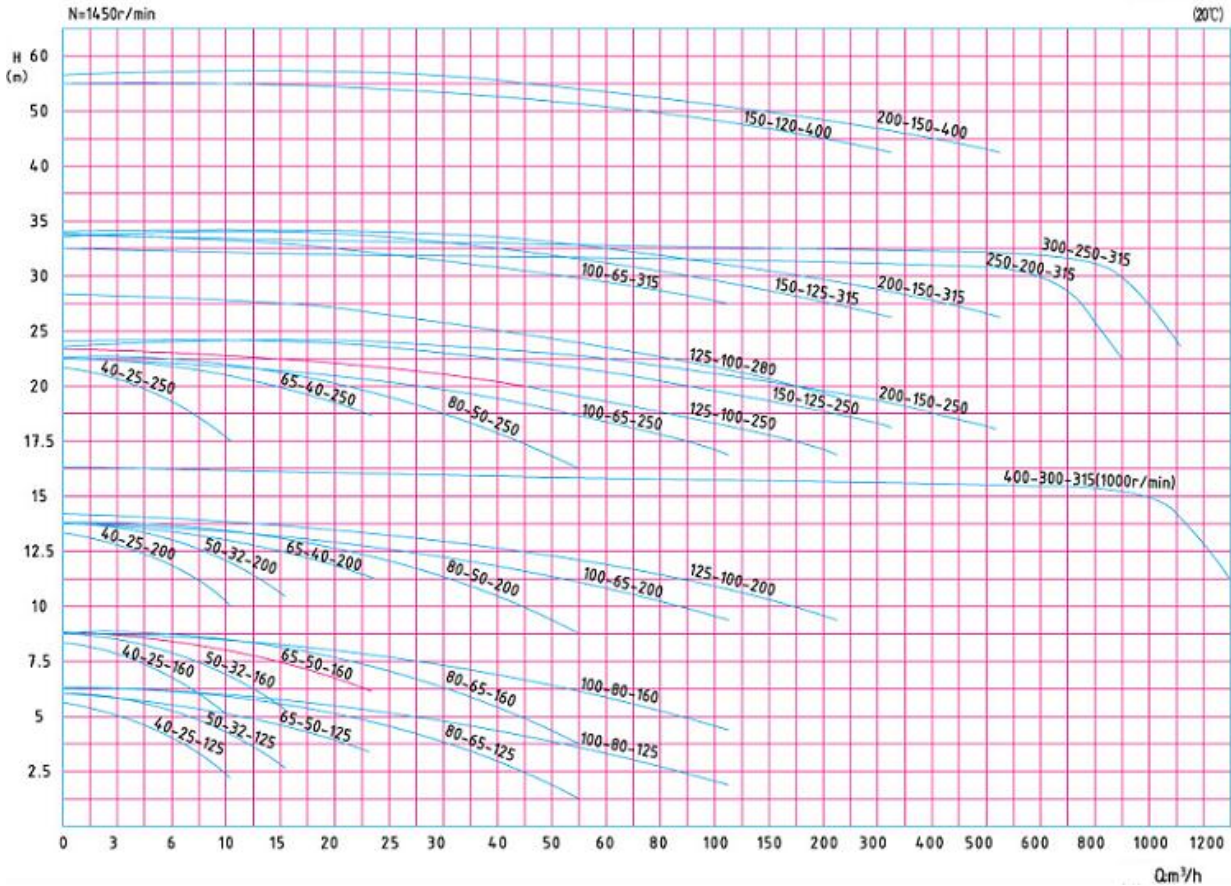
Series	Model	Body material	Impeller material	Shaft material	Seal type	Seal material	Impeller type	Flange std	Special code
UA-Chem	XXXX	PTFE lined - 7	PTFE lined - 7	7- PTFE	Teflon Bellow	Sic Vs Sic - 3	1-closed	JIS - 1	X
		Flouroplastic -X	Flouroplastic - X				2-Semi open	ANSI -2	
							3-open	DIN - 4	

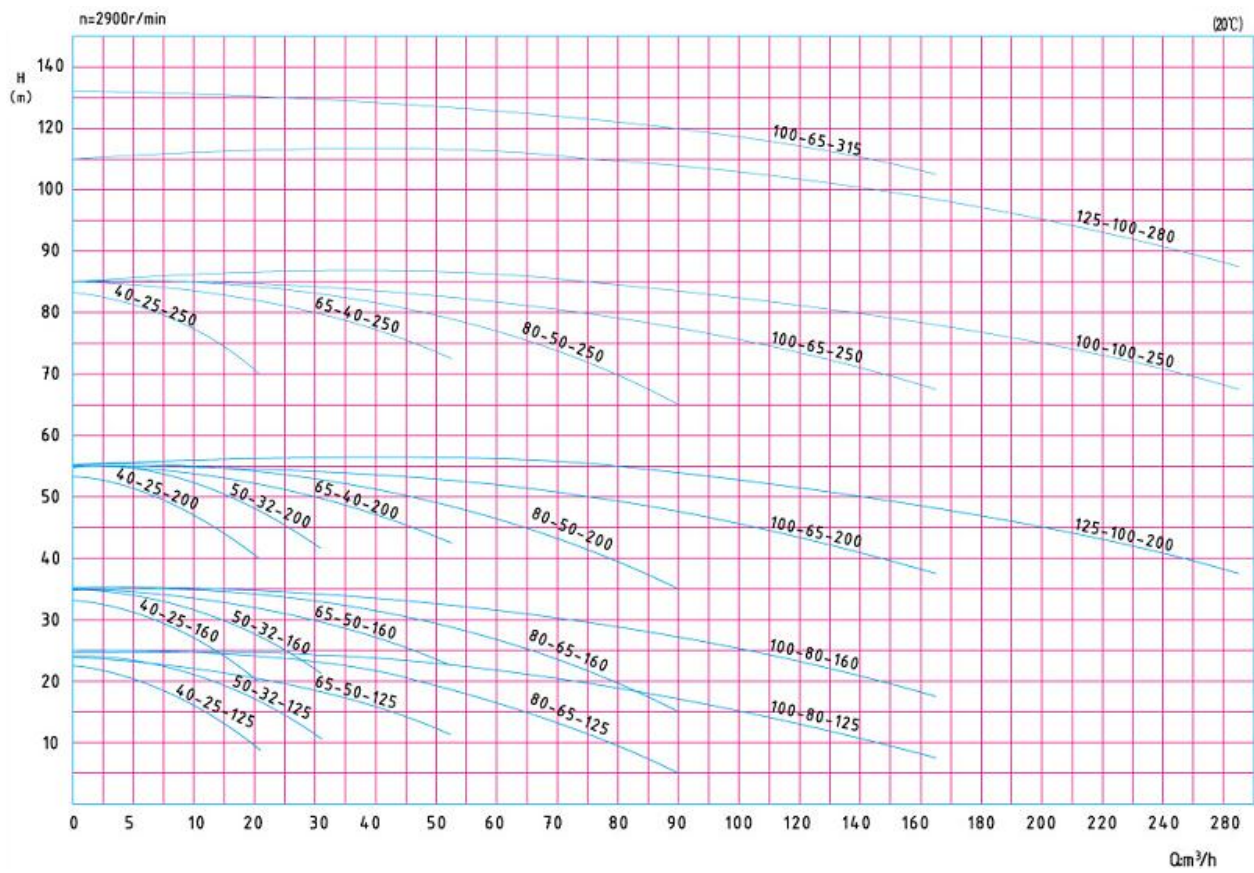
Part layout:

- 1 pump body
- 2 Impeller
- 3 gasket ring
- 4 pump cover
- 5 mechanical seal
- 6 Connecting socket
- 7 bearing block
- 8 pump shaft
- 9 base

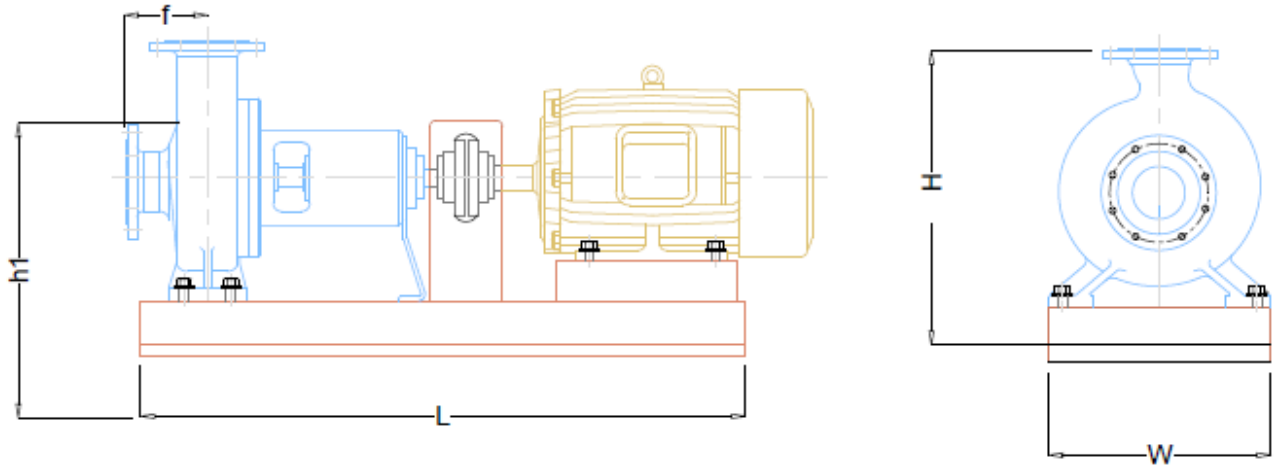


UA-Chem family curves:





Installations dimensions, mm



Speed 2900 rpm

Model	L	W	H	h1	f	4-d
5032-125	950	390	352	212	80	4-19
5032-160	1025	390	352	232	80	4-19
5032-200	1075	450	440	260	80	4-24
6550-125	995	390	352	212	80	4-19
6550-160	1075	450	392	232	80	4-24
6540-200	1240	490	440	260	100	4-24
6540-250	1350	490	510	285	100	4-24
8065-125	1095	450	392	232	100	4-24
8065-160	1240	490	440	260	100	4-24
8050-200	1240	1240	740	200	100	4-24
8050-250	1543	610	525	300	125	4-24
10080-125	1240	1240	740	200	100	4-24
10080-160	1355	540	480	280	100	4-24
10065-200	1543	610	525	300	100	4-24
12580-160	1543	610	525	300	125	4-28
125100-200	1700	660	650	370	125	4-28

Please contact our local agent for more info and selections or visit us www.upompe.com

