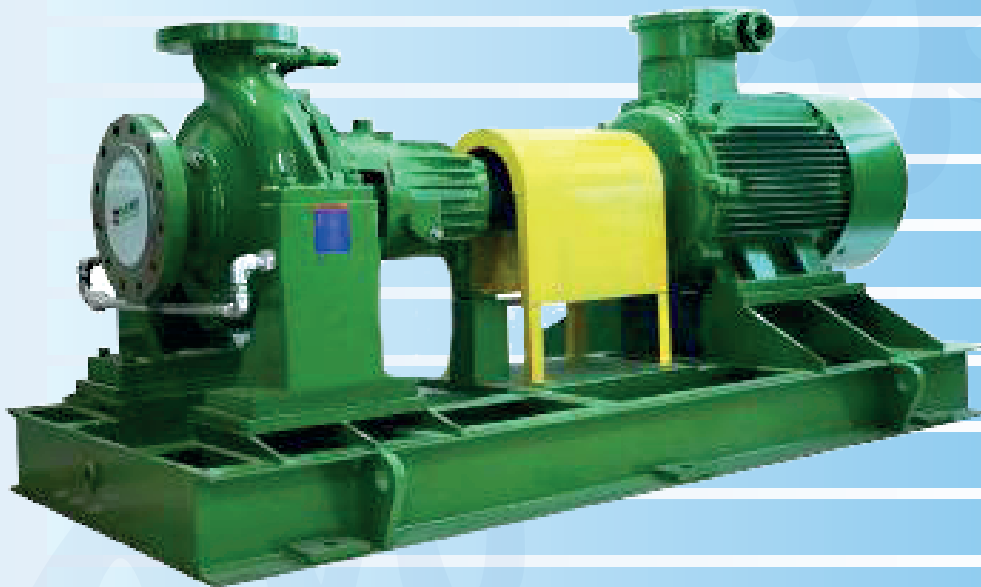




Flo-rite

CHEMICAL PROCESS PUMPS

FCH-N-CS (AS PER API 610)

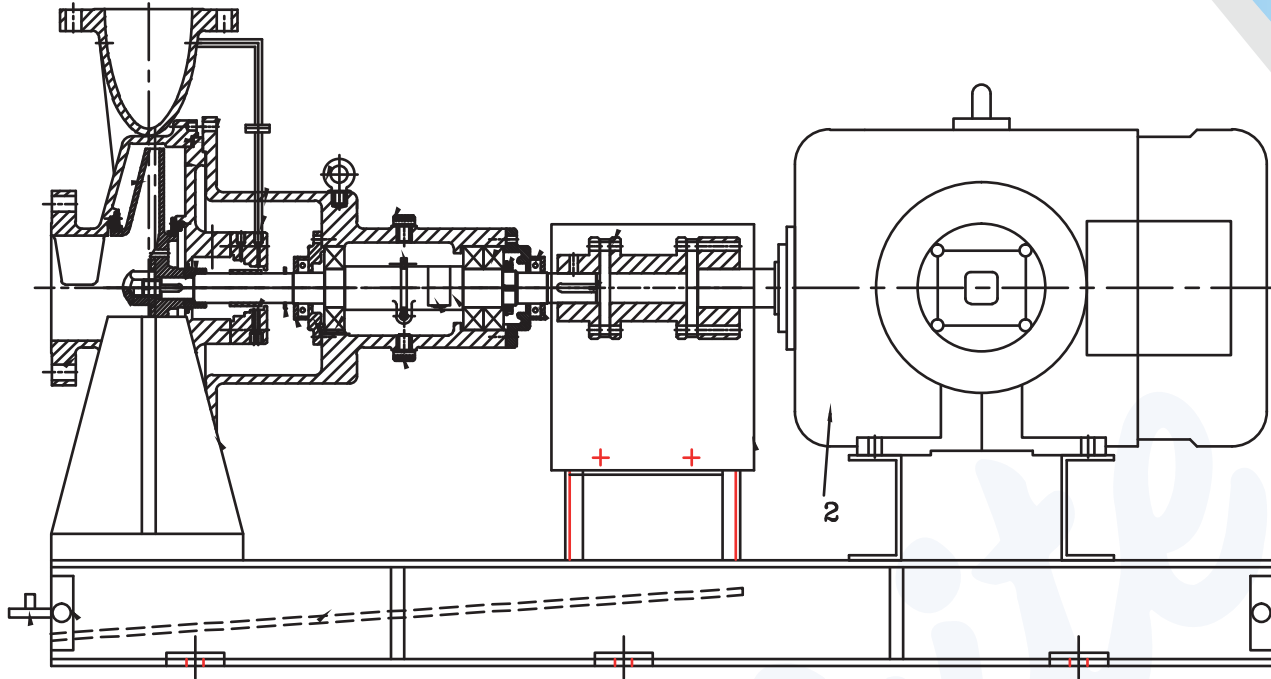


TECHNICAL DATA

Size	: up to 250 mm suction
Capacity	: up to 660 m ³ /hr (11000 LPM)
Heads	: up to 200 mts.
Material	: C.I./C.S./Bronze/ SS-304 & 316/ SS-316 L / Alloy-20 and other alloys.

CHEMICAL PROCESS PUMPS

SECTIONAL VIEW



APPLICATIONS

- Condensate Pumps
- Diesel / Motor Spirit / Kerosene Decanting
- Rail Wagon Unloading
- Tank Lorry Filling
- LPG Filling / Service
- Refinery
- Textile
- Process Industries
- Ethanol Blending
- Power
- Petroleum
- Nuclear Plants
- Thermal Plants
- Petrochemicals
- Fertilizer Plants
- Defence
- Steel

MATERIAL OPTIONS (OR AS PER CLIENT REQUIRED)

C.I - IS 210 FG - 20
C.S - CARBON STEEL ASTM A216 GR.WCB
ACI - ALLOY CAST IRON
BR - IS - 318 GR.2
WEAR RINGS (HARDENED)

A-20 - CAST ALLOY - 20 ASTM A296 - CN - 7M
410 - CAST STAINLESS STEEL ASTM A296
HAST. B - HASTALLOY B
HAST. C - HASTALLOY C

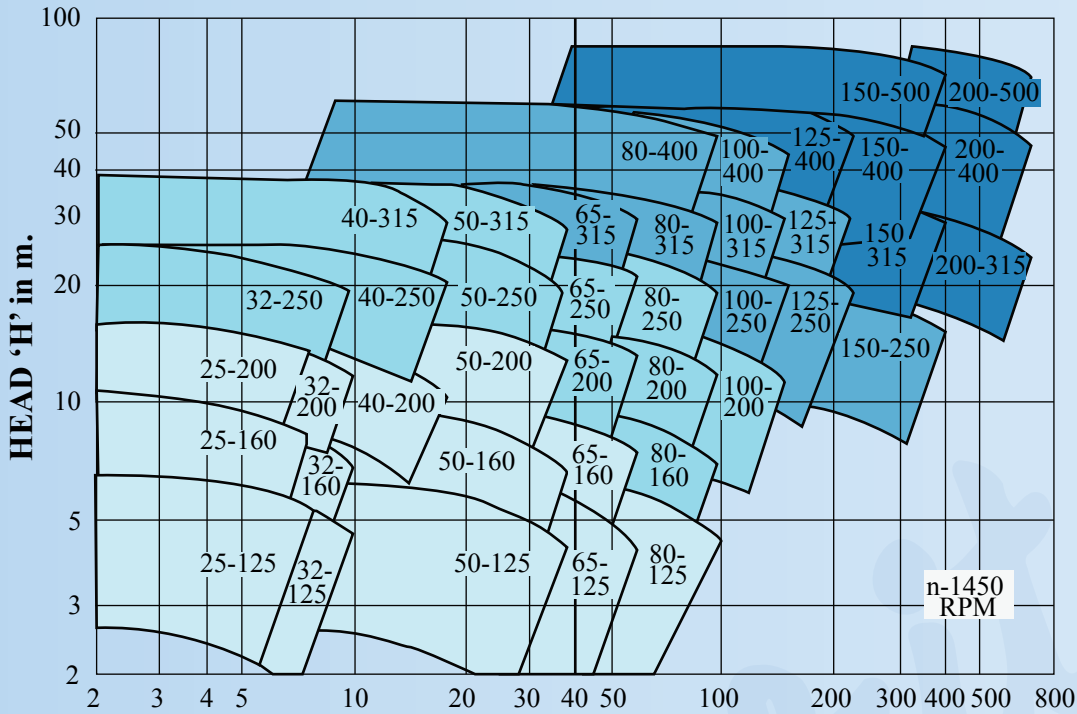
FEATURES:

- Centre line discharge.
- Centre line supported casing.
- Back pull out design.
- Seal chamber to accommodate gland packing
- Mechanical seals as per API610/682 design.
- Can accommodate single/double/cartridge type.
- confined gaskets.
- Casing and oil drain.
- Dynamically balanced impeller limits vibration and assures smooth operation over wide flow range.
- Impeller lock nut with positive lock
- Shaft threads protected.

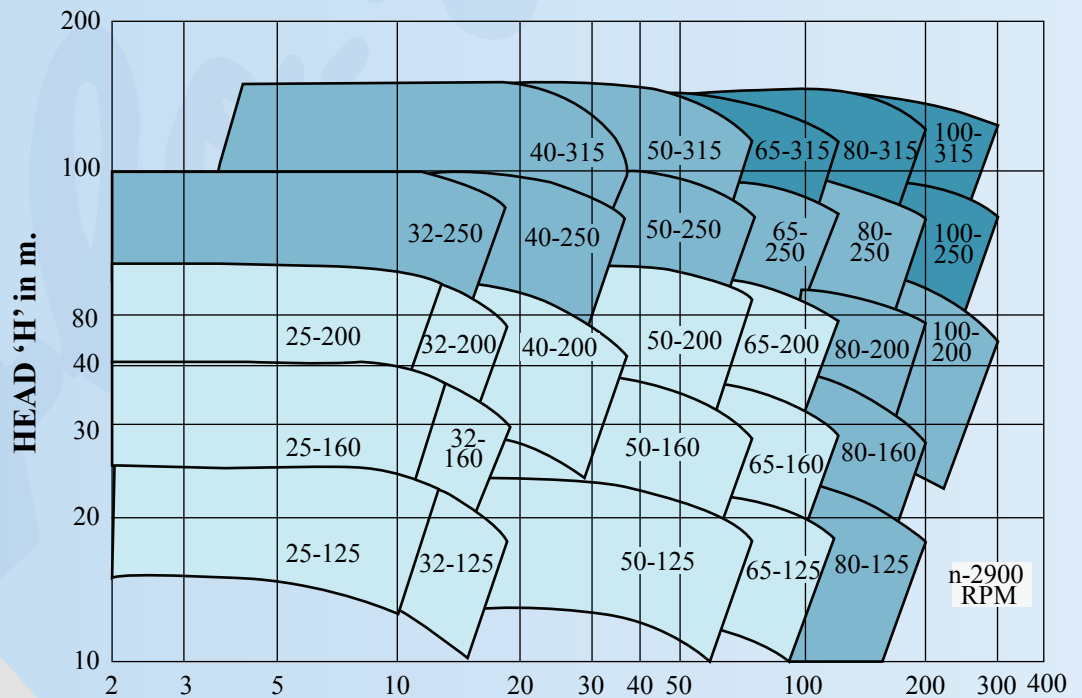
OPTIONAL FEATURES:

- Bearing with cooling systems.
- Class 300 flanges.
- Gland plate with heating arrangement.
- FCH-N-CS range has been developed to meet the vigorous need of API-610 (6th edition ONWARDS)
- Heavy duty rotating assembly with dynamically balanced impeller, housed in heavy duty steel housing- fitted with antifriction ball and roller bearings.
- To minimize shaft misalignment and longer bearing life, nozzles are designed for heavy loads.
- API 682 Seal Chamber accommodates a wide variety of Seal configuration including dual pressurized and unpressurized cartridge types for the most severe service.

Capacity - 'Q' in m³/hr



Capacity - 'Q' in m³/hr



FLO-RITE ENGINEERING CORPORATION

Office : Gala No. 7, 1st Floor, Janata Industrial Compound,
162, Senapati Bapat Marg, Lower Parel (W), Mumbai - 400 013.

Tel. : (+91-22) 2493 4670, 2498 5208

Fax : (+91-22) 2493 7846

Email : florite@gmail.com

Website : www.flo-ritepumps.com

Factory : Dwarka Industrial Estate, Plot No. 7A,
Near Naik Pada, Valiv Village, Vasai (East), Maharashtra.

