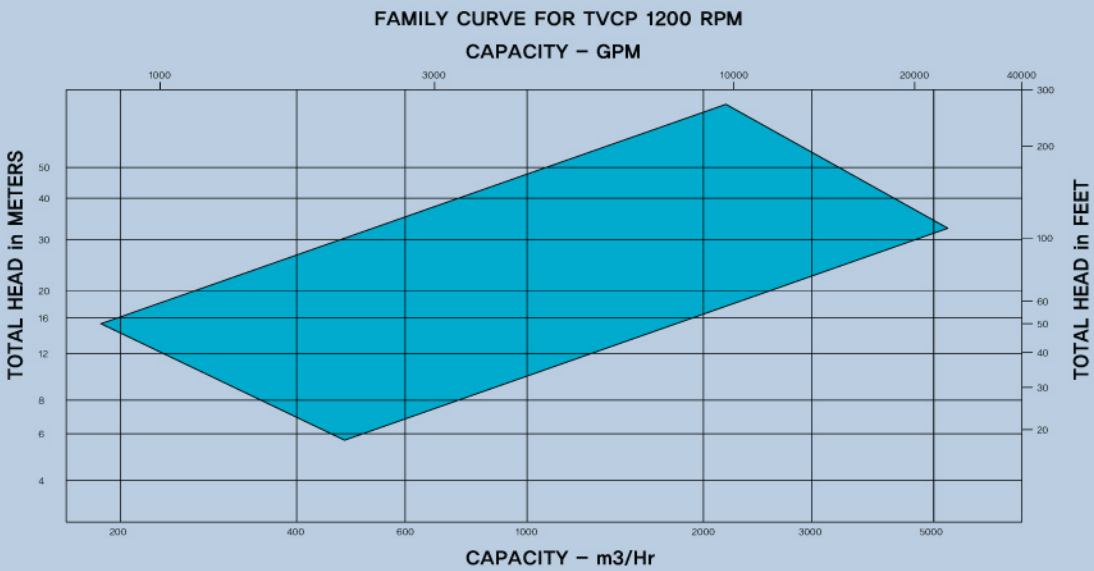
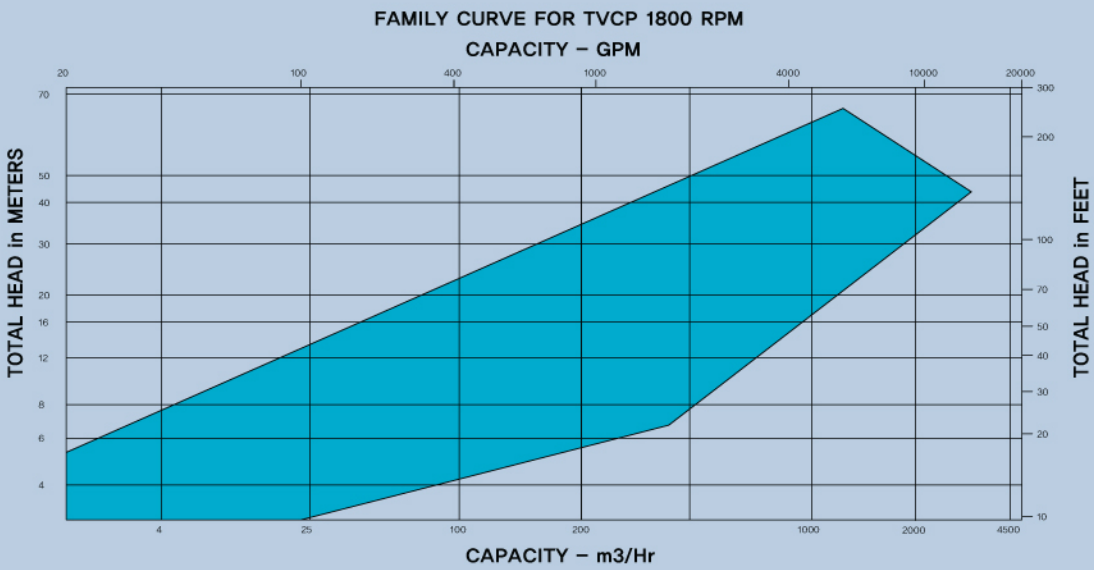
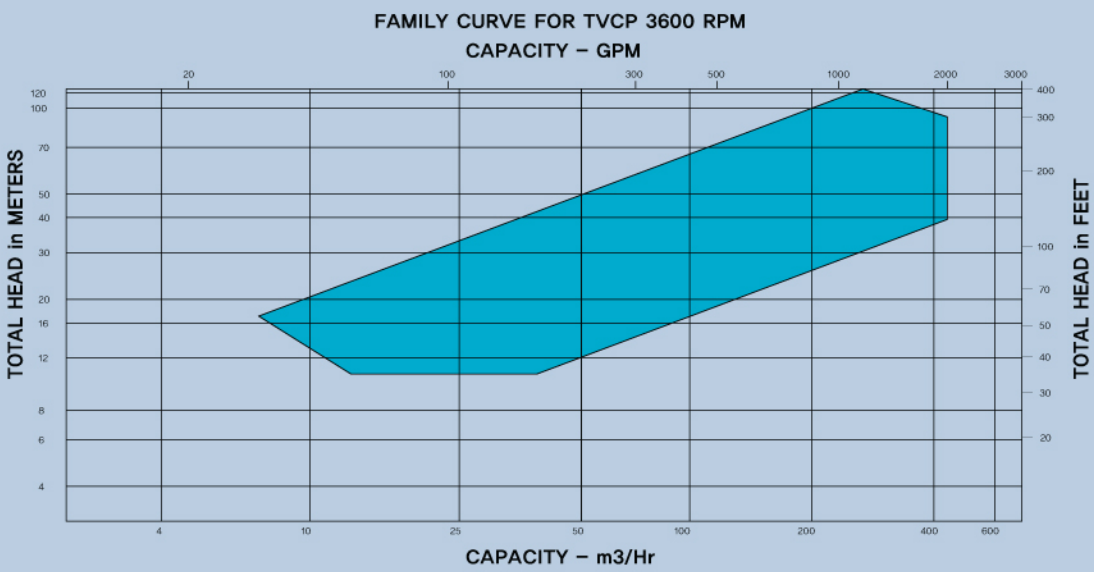
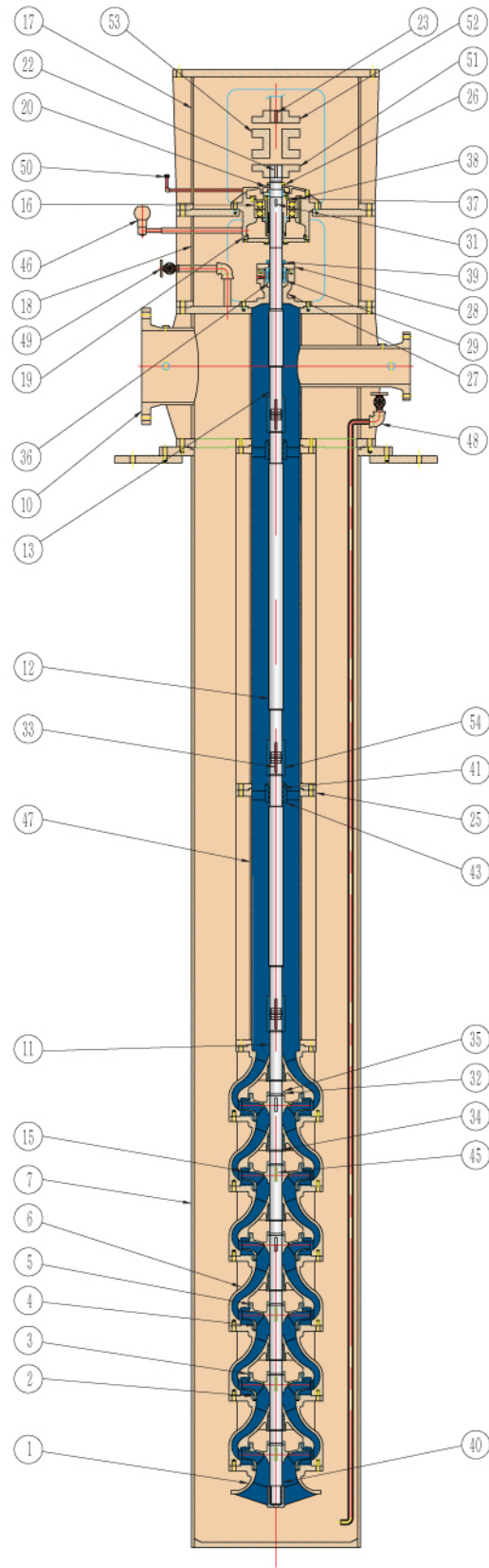


PUMP SELECTION GUIDE



SECTIONAL



NO	PART NAME
1	SUCTION BELL
2	CASE WEARING(FRONT)
3	CASE WEARING(BACK)
4	IMPELLER WEARING(FRONT)
5	IMPELLER WEARING(BACK)
6	BOWL
7	CAN
10	DISCHARGE HEAD
11	LOWER SHAFT
12	INTER SHAFT
13	UPPER SHAFT
15	IMPELLER
16	THRUST BEARING
18	BEARING BRACKET
19	BEARING HOUSING
20	BEARING COVER
22	COUPLING KEY(PUMP SIDE)
23	COUPLING KEY(MOTER SIDE)
25	BEARING RETAINER
26	LABYRINTH OIL SEAL
27	STUFFING BOX
28	SEAL COVER
29	MECHANICAL SEAL UNIT
31	BEARING HOLDER KEY
33	INTER COUPLING KEY
36	MIS SLEEVE
37	THRUST BEARING HOLDER
38	THRUST BEARING HOLDER
39	MIS SLEEVE HOLDER
40	LOCK NUT & SLEEVE
41	SLEEVE (RETAINER)
43	SLEEVE BEARING
46	CONSTANT LEVEL OILER
47	COLUMN PIPE
48	CASING DRAIN LINE
49	FOUALIZING PIPE LINE
50	OIL FILLING CAP
51	COUPLING (PUMP SIDE)
52	COUPLING (MOTER SIDE)
53	COUPLING SPACER
54	INTER COUPLING UNIT

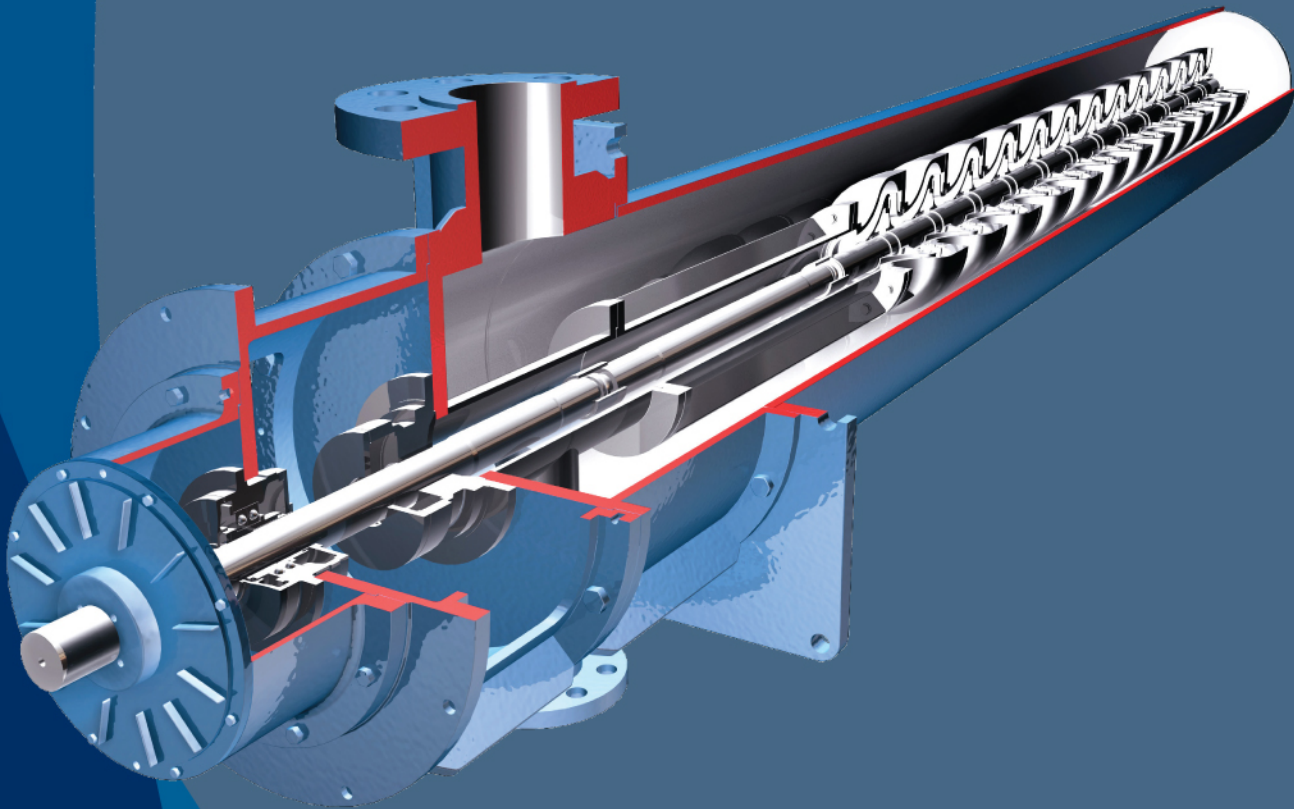
DONGYANG CHEMICAL PUMP CO.,LTD.

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* Contents in this leaflet are subject to change without prior notice.

API 610 10th ed. Vertical Process Pump(VS6)

TVCP
Series



API 610 10th ed. Vertical Process Pump(VS6)

Bulletin No. EX-18, Rev.1f



TVCP SERIES

API 610 10th ed. Vertical Process Pump(vs6)

- Max.Capacity : 6000m³/h (26420GPM)
- Max.Head : 1400m (4590ft)
- Temperature : 260°C (500°F)
- Allowed Pressure : 75kg/cm² (1070psi)
- Power : 2000kw (2680HP)
- Material : DCI, WCB, CF8, CF8M, CF3, CF3M, CA6NM, CD4M, CN7M, HASTELLOY B&C
- Fabricated discharge head
- Flanged bowl construction
- Optional suction in can for flexibility
- Alloy construction for corrosive /abrasive services.

The TRUFLO VS6 pumps are vertically suspended, double casing(canned),bowl diffuser pumps.

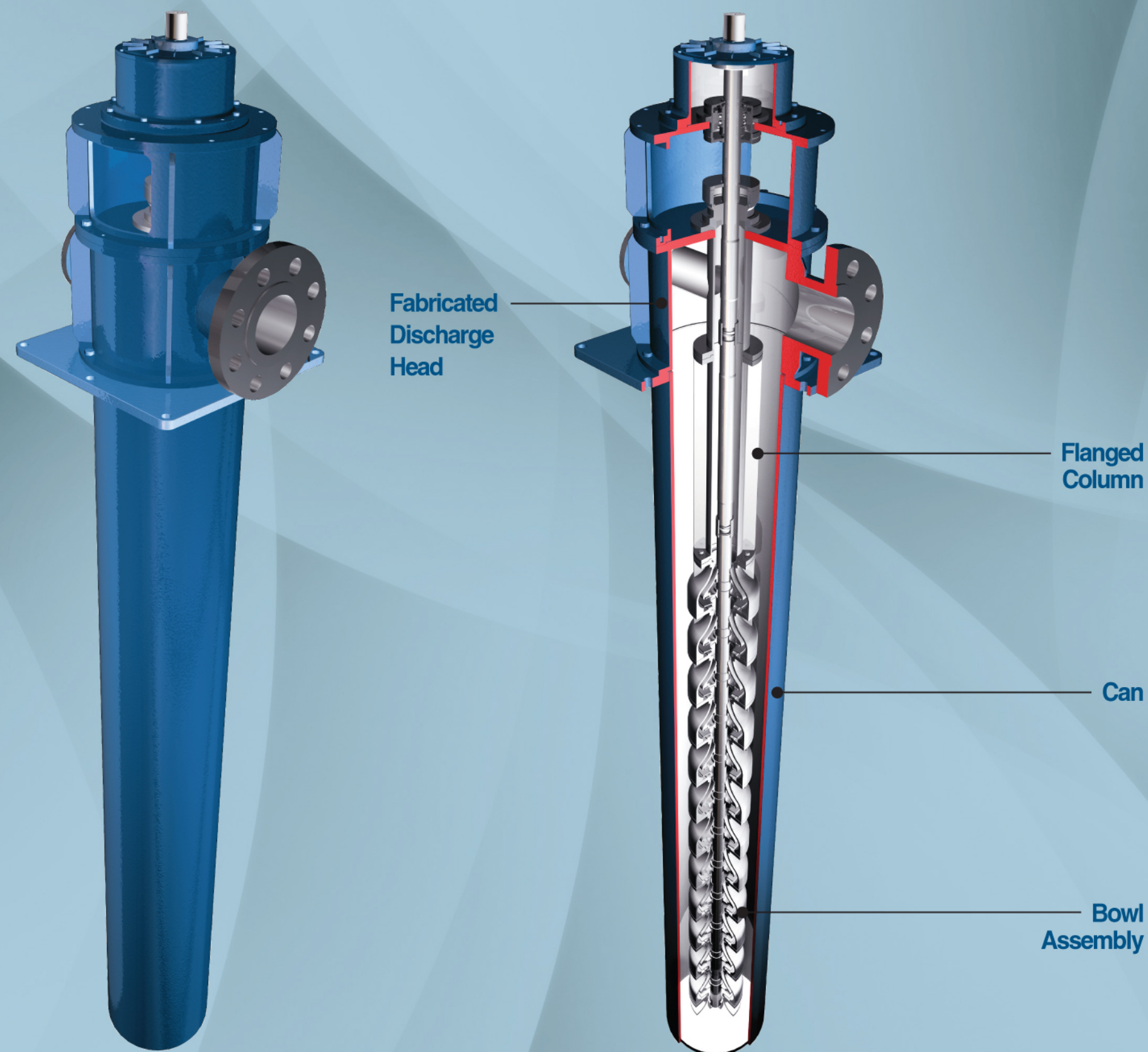
These pumps are specially designed for condensate extraction service in power plants to meet the low NPSHa criteria.

Our TVCP Series covers a wide range of hydraulic conditions satisfying mostly pumping service in the industry with optimum efficiency.

The simple construction of TRUFLO VS6 pump offers ease of maintenance and installation.

APPLICATION

- _ Pipeline Booster
- _ Ammonia Transfer
- _ Boiler Feed
- _ Cryogenics
- _ Product Unloading, Refinery Blending
- _ Injection-Secondary Recovery
- _ Condensate
- _ LNG Transfer



Suction Bell

- Allows smooth entry of liquid into impeller eye, minimizes vortex formation.

Suction Bell Bearing

- Provided for shaft stability.

Sand Collar

- Prevents solids from entering suction bearing.

Impeller

- Semi-open or enclosed for appropriate service.

Taper Lock

- Alloy steel for fastening impellers on 17" and smaller sizes.

Keyed

- Impeller fastened onto the shaft by keyed split ring.

Pump Shaft

- Heavy duty 416SS standard, available in 316SS, 17-4PH, Monel and other alloys for strength and corrosion resistance.

Diffuser Bowl

- Available in variety of cast materials
- Glass lined cast iron standard through 18" sizes.

Stages

- Flanged and bolted together for ease of maintenance.

Sleeve Type Bearing

- Provided at each stage to assure stable operation away from critical speed.

Flanged Bowls

- Registered fits assure positive alignment, ease of maintenance.

API 610 10th ed. **Vertical Process Pump (OH2)**