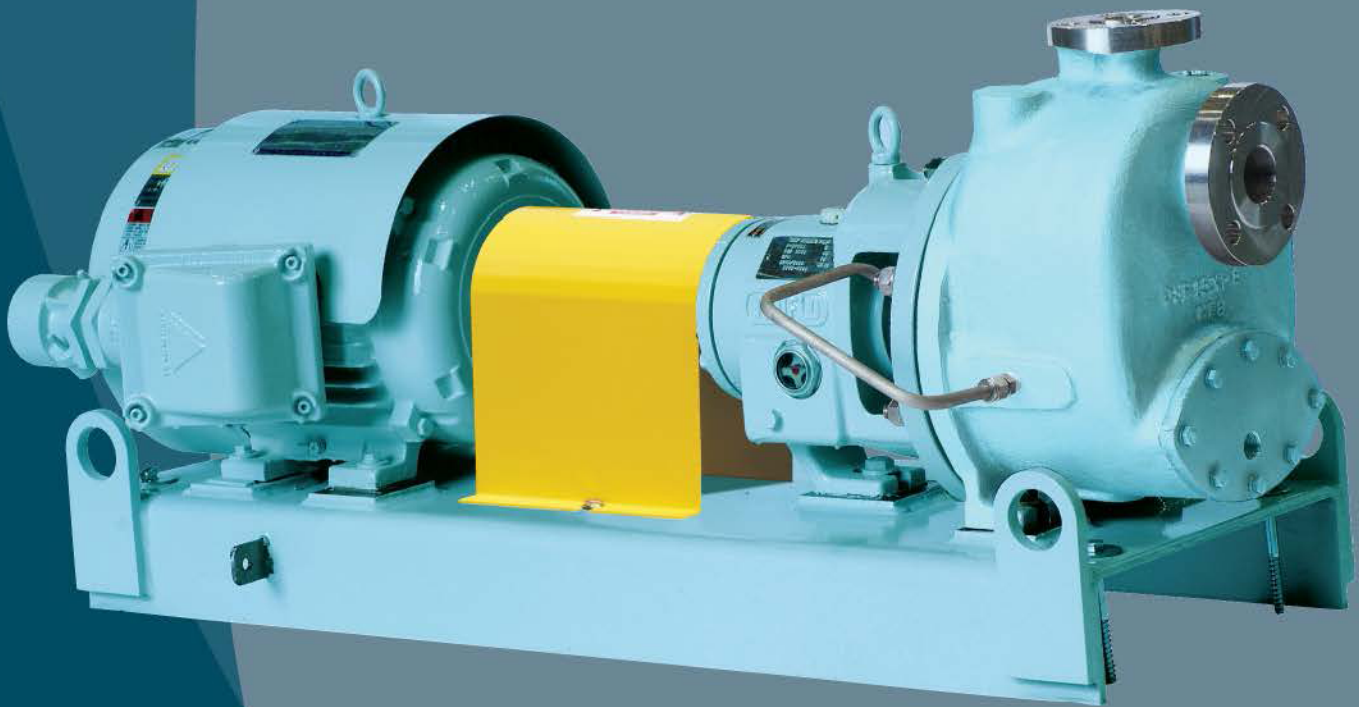


Self Priming Process Pump(OH1)

# DSP Series

Self Priming Process Pump(OH1)



**TRUFLO**

# DSP SERIES

## Self Priming Process Pump(OH1)

- Max.Capacity : 300m<sup>3</sup>/h (1320GPM)
  - Max.Head : 130m (427ft)
  - Temperature : 80°C (2700°F)
  - Allowed Pressure : 16kg/cm<sup>3</sup> (230psi)
  - Power : 150kw (200HP)
- Material : DCI, WCB, 316SS, 304SS, CD4MCU, ALLOY20, HASTELLOY B&C,
  - Reliable Self-Priming Operation
  - Quick Priming time
  - Back Pull-out design
  - Part interchangeable with DAP

Self-Priming Process Pumps Designed for Total Range of Industry Services.  
Extended Pump Life Through Reliable Design

TRUFLO DSP process pump line is specifically designed to provide superior performance for self-priming services of the Chemical Process Industries.

The simple construction of TRUFLO DSP Self-Priming Pump provides reliable, peak performance while offering versatility, ease of maintenance and installation.

### APPLICATION

- \_ Back pull-out design
- \_ High-temperature capability
- \_ Rapid priming time
- \_ Fully serrated flanges

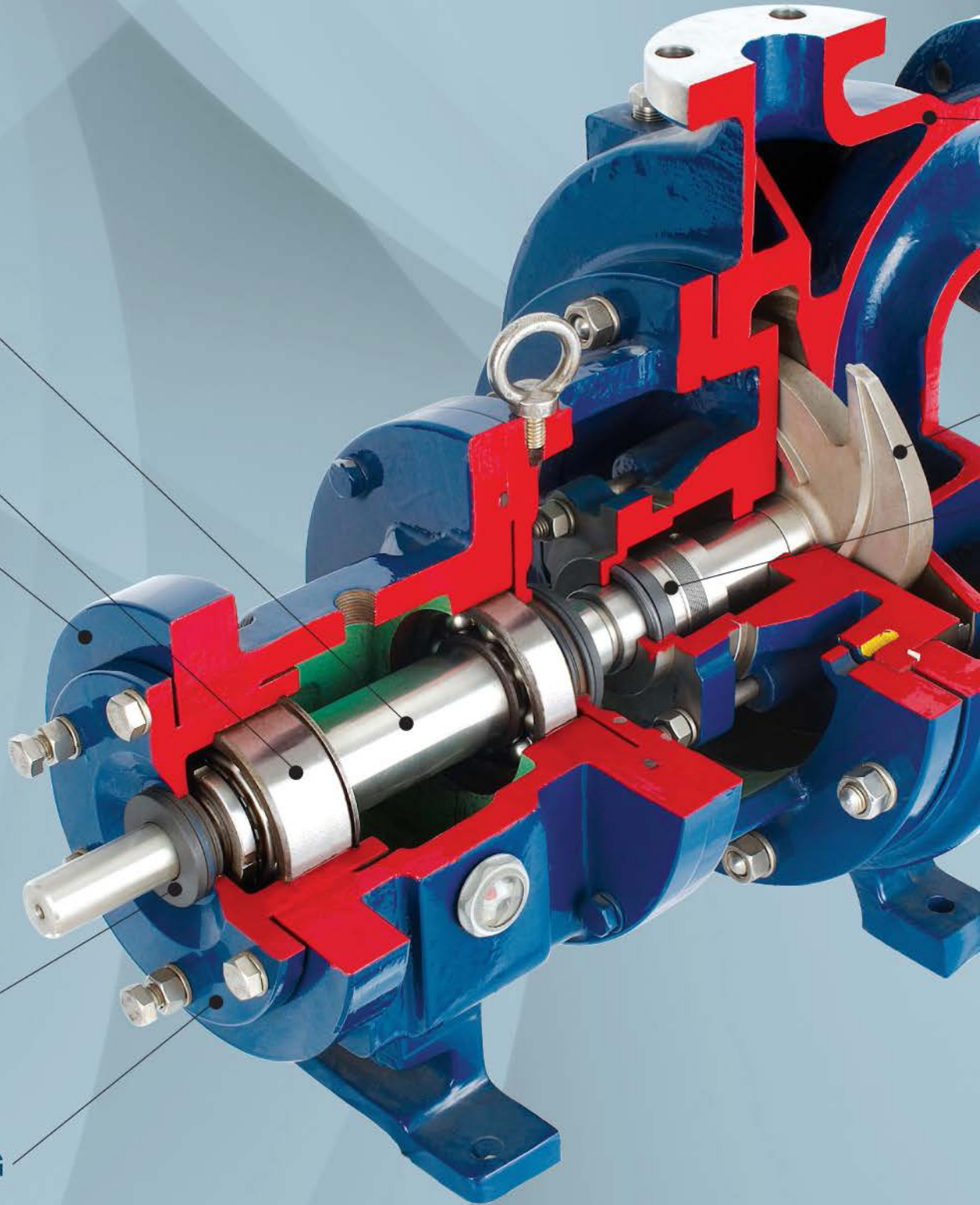
SHAFT

BEARING

BEARING FRAME

OIL SEAL

BEARING HOUSING



***Self Priming***



**CASING**

**IMPELLER**

**SHAFT SEALING**

## **CASING**

- Standard 150lb FF flanges.
- Unitized priming chamber.
- End suction top discharge, self-venting.
- Centerline discharge foot mounted

## **IMPELLER**

- Standard investment casting open impeller.
- Interchangeable with DAP Series (ANSI Process Pump) impeller

## **SHAFT SEALING**

- Lange bore stuffing box designed for various seal arrangement

## **SHAFT&BEARINGS**

- Heavy duty shaft design for minimum deflection.
- double row thrust bearing

## **OIL SEAL**

- Standard labyrinth oil seal to protect oil against contamination and extend the bearing & shaft life.

## **BEARING HOUSING**

- Easy to maintain impeller clearance.
- Large volume oil capacity

## **BEARING FRAME**

- Heavy duty design to reduce the loads on shaft.

## **MAGNETIC DRAIN PLUG**

- Remove the metallic contaminants from the oil.

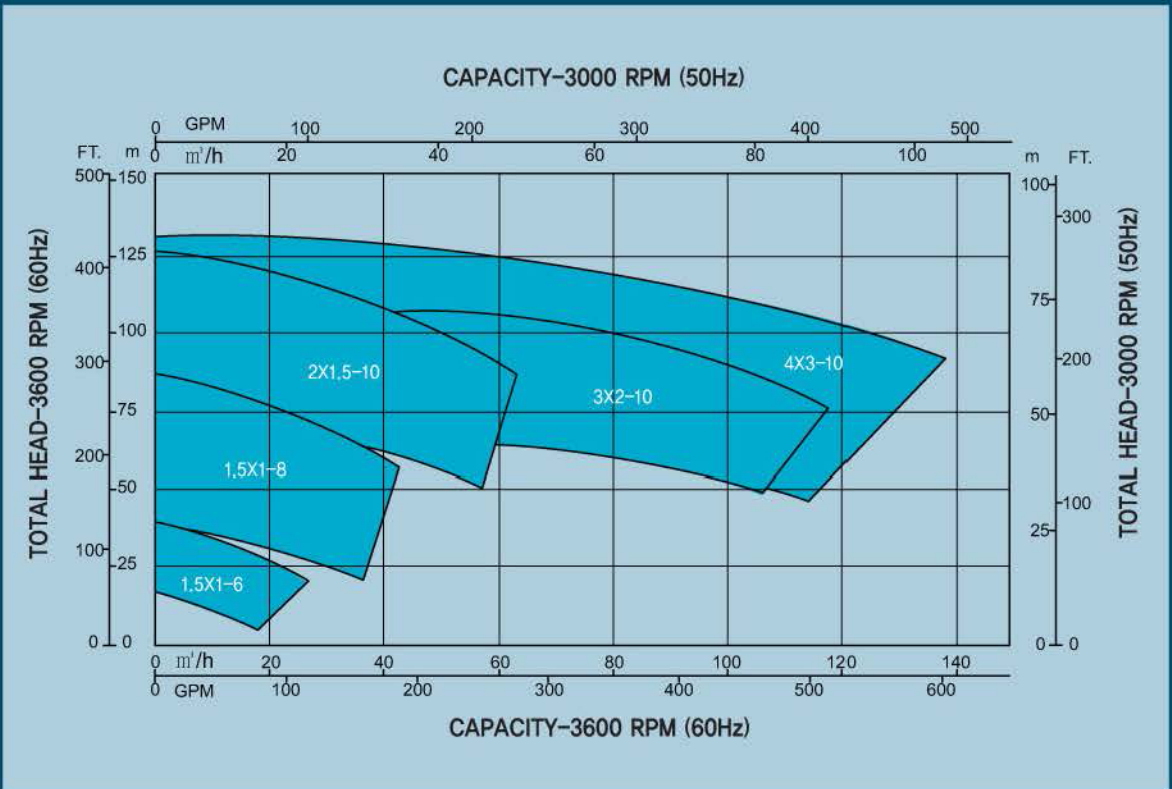
## **OIL SIGHT GLASS**

- Standard 1" sight glass for easy viewng.

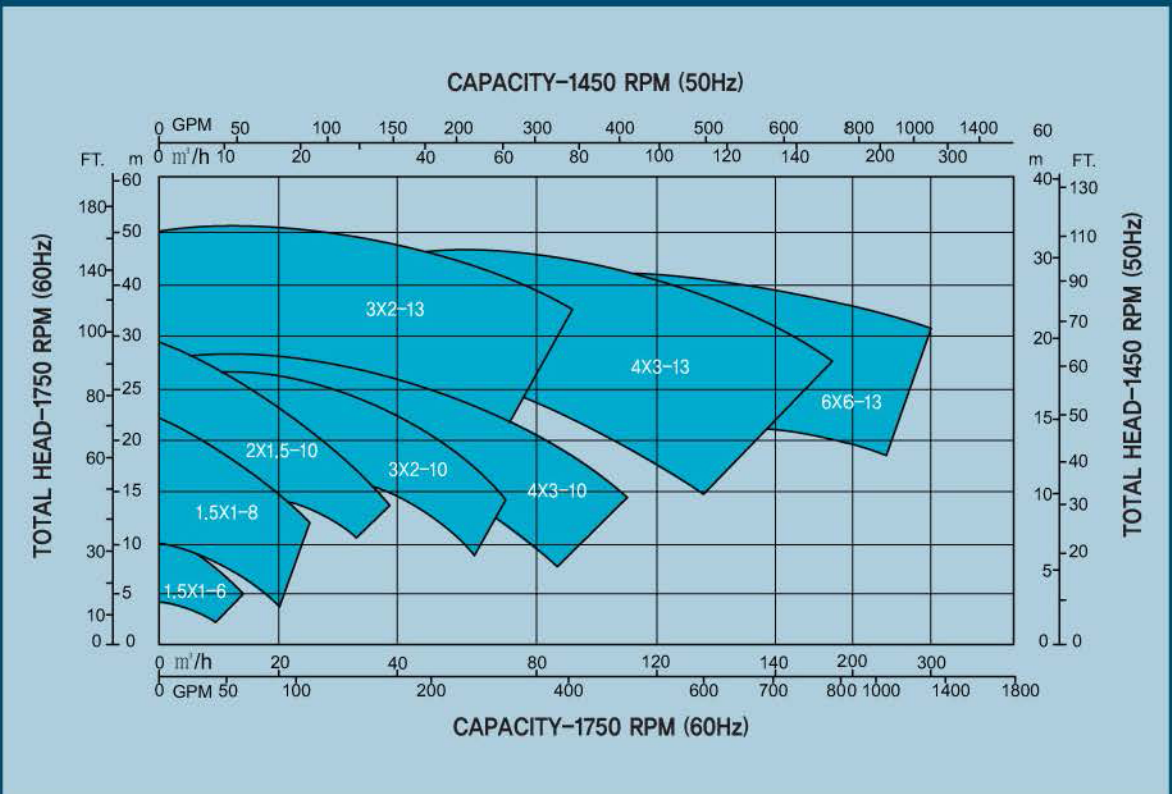
# **Process Pump (OH1)**

# PUMP SELECTION GUIDE

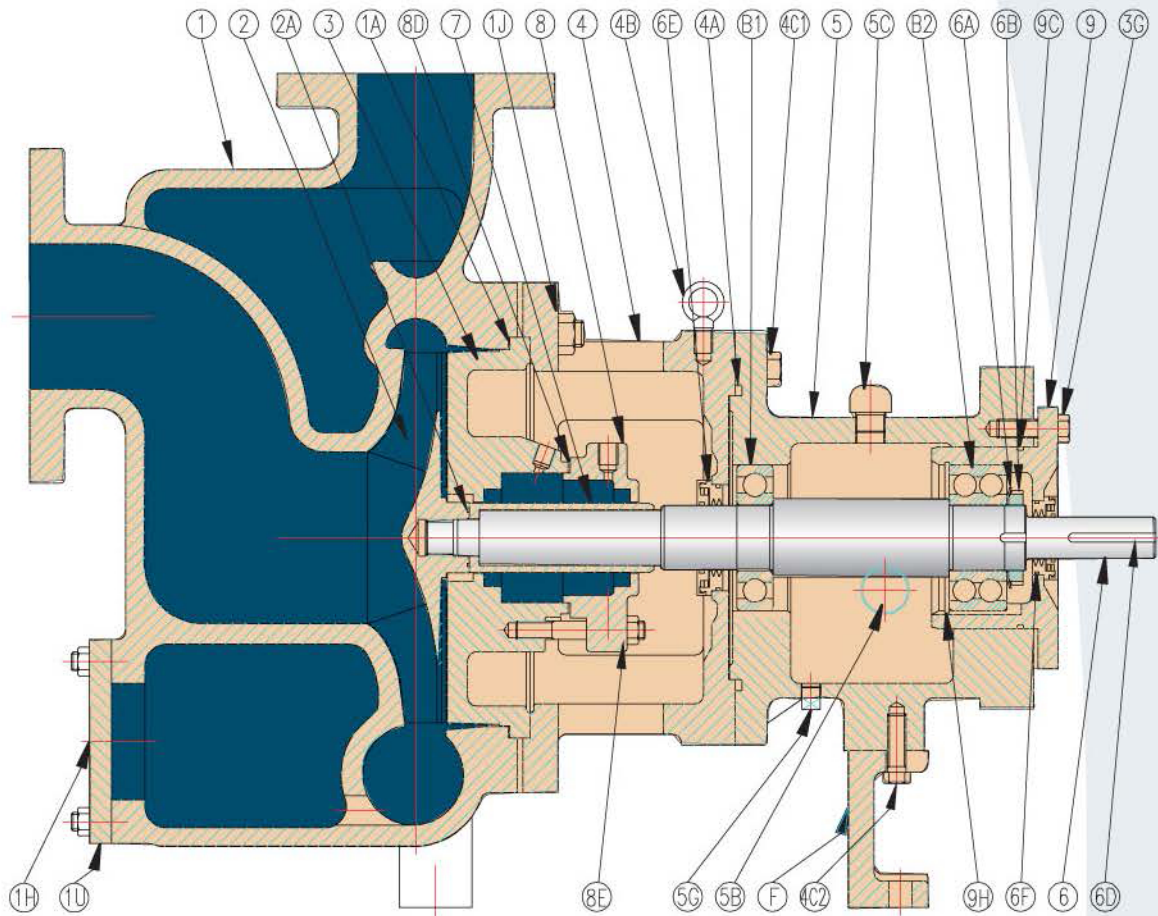
3600 RPM(60HZ) 3000 RPM(50HZ)



1750 RPM(60HZ) 1450 RPM(50HZ)



# SECTIONAL

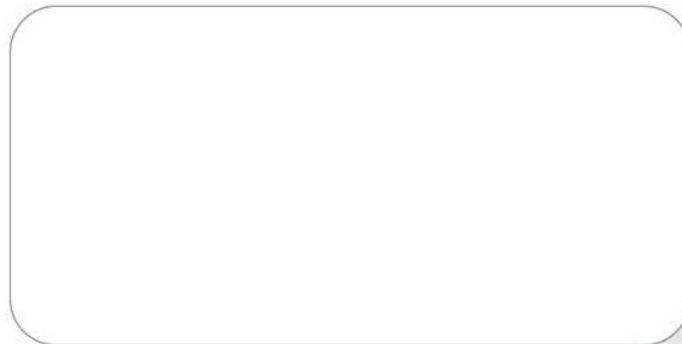


NO	PART NAME
1	CASING
1A	GASKET(CSNG-E/COVER)
1J	STUD (CSNG-ADAPTER)
1H	PLUG (CASING DRAIN)
1U	DRAIN COVER
2	IMPELLER
2A	GASKET (IMP.-SLEEVE)
3	END COVER
3G	BOLT (BHSG-B/FRAME)

NO	PART NAME
4	ADAPTOR FRAME
4A	O-RING (ADAP.-B/FRAME)
4B	EYE BOLT
4C1	BOLT (ADAP.-B/FRAME)
4C2	BOLT (B/FRAME-FOOT)
5	BEARING FRAME
5B	SIGHT GLASS
5C	OIL CAP
5G	PLUG (B/FRAME)

NO	PART NAME
6	SHAFT
6A	LOCK WASHER
6B	LOCK NUT
6D	KEY SHAFT
6E	LABYRINTH SEAL IN
6F	LABYRINTH SEAL OUT
7	SLEEVE
8	M/C SEAL
8D	GASKET (SEAL GLAND)

NO	PART NAME
8E	STUD (E/COVER-S/COVER)
9	BEARING HOUSING
9C	O-RING (BHSG B/FRAME)
9H	SNAP RING
B1	RADIAL BEARING
B2	THRUST BEARING
F	FOOT



## TRUFLO PUMPS, INC

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[www.truflo.com](http://www.truflo.com)

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