



# DSV SERIES

## API 610, 11th Ed. Double Suction Pump (BB1)

- Max.Capacity : 13000m<sup>3</sup>/h (57000GPM)
- Max.Head : 210m (690ft)
- Temperature : 180°C (6100°F)
- Allowed Pressure : 24kg/cm<sup>2</sup> (340psi)
- Power : 2500kw (3400HP)
- Material : DCI, WCB, CF8M, CD4M, CN7M, HASTELLOY B&C
- Horizontal split casing for easy maintenance
- Replaceable wear rings to protect impeller and casing
- Wide range of mechanical seal arrangements
- Fully order-production by customer's requirements

TRUFLO DSV is an axially split, single stage pump designed to API 610(BB1), 11<sup>th</sup> Edition.

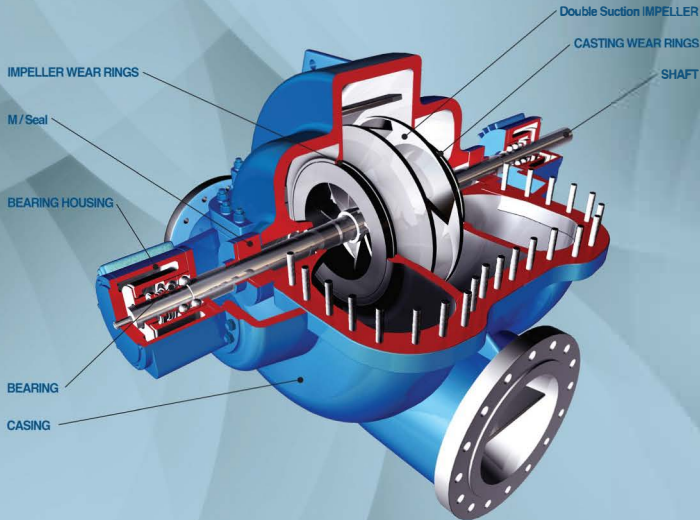
Double suction impeller provides hydraulic axial balance and designed for maximum hydraulic efficiency

Double volute design minimizes hydraulic radial loads, even at minimum flow. Stiff shaft design ensures trouble-free performance by operating under the first critical speed.

Extensive hydraulic coverage

### APPLICATION

- \_ Hydrocarbon and water transfer
- \_ Petroleum refining, production and distribution
- \_ Petrochemical and heavy-duty chemical processing
- \_ Hydrocarbon and water pipeline
- \_ Power generation
- \_ Gas scrubbing
- \_ Firefighting
- \_ Cooling water



### Double Volute, Axially Split Casing Design

Minimizing hydraulic radial forces  
Reducing shaft deflection  
Increasing the life of bearings, seals and wear rings

### Suction and Discharge Nozzles

Nozzles are designed API 610 specifications

### Centerline Mounted

Engineered Foot mounts for service temperatures

### Confined Gasket Design

eliminates corrosion of bolts and nuts

### Raised Face Flanges

- ANSI 150 lbs
- ANSI 300 lbs

### Casing and Impeller Wear Rings

API610 requirements

### Double Suction Impeller

Providing hydraulic axial balance

### API 682 Seal Chambers

To meet required safety and environmental requirements

### Baseplate Designs

Provided to customer requirements

API 610, 11th Ed. **Double Suction Volute Pump (BB1)**