

DSV SERIES

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

- Max.Capacity : 13000m³/h (57000GPM)
- Max.Head : 210m (690ft)
- Temperature : 180°C (610°F)
- Allowed Pressure : 24kg/cm² (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), 11th Edition.

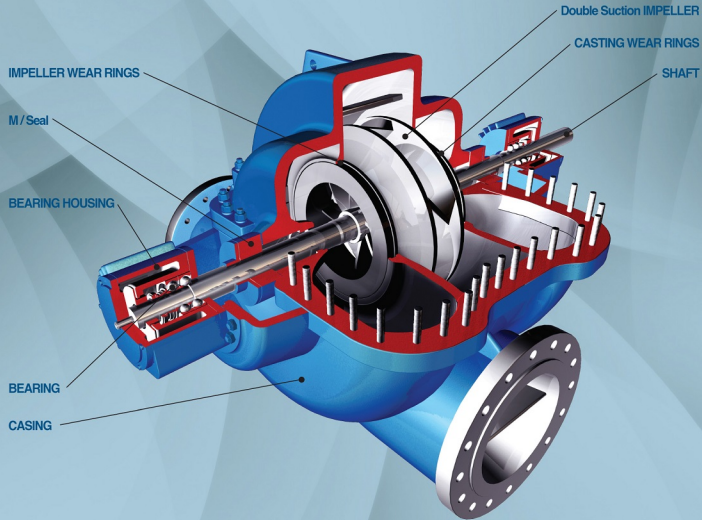
Double suction impeller provides hydraulic axial balance and designed for maximum hydraulic efficiency

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

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