

# DSV Series



## Double Suction Split-Casing Volute - API 610 10th Ed. (BB1)

TRUFLO DSV Series is an axially split, single stage pump designed to API 610(BB1), 10th edition requirements. 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 with extensive hydraulic coverage.

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### Pump Features

- Max. Capacity: 57,240gpm (13,000m<sup>3</sup>/hr.)
- Max. Head: 690ft (210m)
- Max. Temperature: 6100°F (180°C)
- Max. Pressure: 340psi (24kg/cm<sup>3</sup>)
- Max. Power: 3400HP (2500kW)
- 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

### Pump Applications

<b>Firefighting</b>	<b>Hydrocarbon and Water Transfer</b>	<b>Gas Scrubbing</b>
<b>Power Generation</b>	<b>Petroleum Refining &amp; Production</b>	<b>Cooling Water</b>
<b>Hydrocarbon Pipeline</b>	<b>Chemical &amp; Petrochemical Processing</b>	<b>Steel &amp; Mill Industry</b>