AXIAL SPLIT CASE DOUBLE SUCTION PUMP (HA-DS)

OPERATING PARAMETERS
- Capacities up to 25000 m³/h (10000 gpm)
- Head up to 280 m (850 Feet)
- Power through 1000 horsepower (750 kW)
- Pressures up to 1,180 psi (8,148 kPa)
- Frequency 50/60 Hz
- Temperatures to 300°F (150°C)
- Discharge sizes from 3” to 14”.

DESIGN FEATURES
- Axially split casing for ease of maintenance
- Heavy duty single row balling
- Opposed impeller arrangement for thrust balancing
- BB1 according to API 610 available.

PUMP ORIENTATION
Different pump and motor arrangement and orientation.

SERVICES
Primary Water Supply – Fresh water or Sea water
Mining Processes - Solvent Extraction/ Electro-Winning (SX/EW), Dewatering, Tailings & Post Processed Solutions
Oil & Gas Production – Offshore,

MATERIALS
- Bronze, Cast Iron, Carbon Steels
- Stainless Steels - 316, 317 SS
- Duplex - 2205
- Super Duplex - 2507
- Super Austenitic - 254 SMO, 664 SMO
- Nickel-Based Super Alloys - Hastelloy I-1, I-2, S-1, S-3, S-4, S-5, S-6, S-8, C-6, A-8 and O-1 (According to API 610).

Renewable Casing and Impeller Wear Rings
- Eliminates casing wear
- Easy maintenance
- Proper monitoring allowances for maximum efficiency operation.

Pumpshaft
- Fully machined and sized for application thrust and torque
- Designed for minimum deflection

Double Suction Impeller
- Fully Investment cast to provide smooth passages for less fluid flow
- Precisely trimmed and balanced to reduce vibration and wear
- Wear rings for extended operation life

Mechanical Seal
- John Crane® Type 1900 Cartridge

Oil-Lubricated Bearing Assembly
- Engineered bearing arrangements to meet specified operating requirements
- Withstands the total hydraulic thrust
- Easily replaceable radial bearing.

Heavy-Duty Casing
- Rugged foot mounted fully casted heavy-duty and low loss design
- Discharge connections are in the lower half casing, allowing removal of the upper half casing for ease on-site inspection and/or repair.

Member of
Hydraulic