

SPECIAL EXECUTIONS

SEAL-LESS VERTICAL PUMPS

NDMV Seal-less Vertical Pumps, ensure leak-proof handling of corrosives. The heavy duty shaft is supported by ball bearings without bushings to wear; shaft deflection is thereby eliminated

FEATURES

- Non-cantilevered shaft
- Hermetically sealed column
- Heavy duty column shaft with oversized ball bearings
- Modular impeller allows for modifying performances
- Compact, high torque magnetic coupling with reduced mass

MATERIALS OF COSTRUCTION AND PERFORMANCE SAME AS NDM ISO 2858 PUMPS.

PCMV Seal-less Vertical Pumps, ensure leak-proof handling of corrosives. The heavy duty shaft is supported by ball bearings without bushings to wear; shaft deflection is thereby eliminated.

PCMV Pumps are fabricated from solid thermoplastic material to resist internal or external corrosion. The hermetically sealed column is permanently isolated from corrosive liquid or fumes.

FEATURES

- Non-cantilevered shaft
- Hermetically sealed column
- Heavy duty column shaft with oversized ball bearings
- Exclusive solid machined thermoplastic casing and impeller components
- Oversized, high purity ceramic thrust bearings and shaft
- Modular impeller allows for modifying performances

MATERIALS OF COSTRUCTION AND PERFORMANCE SAME AS PCM PUMPS



SEAL-LESS API PUMPS

END SUCTION API 685 Seal-less Pumps, are designed to meet critical nozzle loading and working pressure requirements of API 685 standards.

FEATURES

- Over designed pump casings and baseplates
- Heavy duty containment housing for optimum safety
- External lubrication systems maintains highest pressure differential; allowing for deadheading and flow or pressure monitoring
- Dual back-pull-out (access hydraulic end or power frame)

SEAL-LESS MULTISTAGE BARREL API Pumps are built for reliable, leak-proof operation in high discharge head applications.

FEATURES

- Between bearings support with no overhung loads
- Staggered volutes minimize residual radial loads
- Dynamically balanced, back-to-back impellers for minimal axial load
- TOP-TOP Suction - Discharge
- Heavy duty barrel casing
- Working temperature up to 250 °C
- Flow up to 200 m³/h
- Head up to 500 m

