

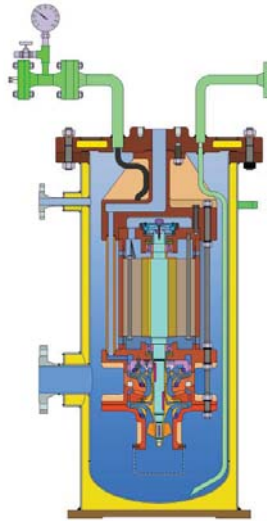


Operating Data

Standard:	API610–2010 (ISO 13709)
Capacity:	50 to 600L/min
Head:	up to 600m
Pressure:	up to 110bar
Temperature:	-196°C to +60°C
Speed:	up to 6000r/min

Typical Applications

The LNGP/V pump is specially used for pumping inflammable and explosive low-temperature medium such as LNG. Typical applications are LNG gas plant and loading and unloading in LNG gas station. Putting the pump and motor in a sealed metal container, there is no leakage occurring due to no axis seal.



General

The LNGP/V pump comply with API610–2010 11th. Combining international advanced technology, several German experts of our German engineering pump research institute have design this LNGP/V Submersible Cryogenic Pump to fill in the gaps of China.

LNGP/V is immersed the pump and motor in cryogenic fluids. At 1 bar, the temperature of the LNG is -162°C . The pump of LNG not only can endure the low temperature, but also rigid requirements for the air tightness and electrical safety. Our pump motor is superconducting self frequency motor imported from Germany.

The motor has almost no heat radiation, which solves the problems of LNG gasification caused by motor heating and frequency conversion fault. LNGP/V Submersible Cryogenic Pump is the most advanced technology in the world. LNGP/V Submersible Cryogenic Pump is vertical type with excellent NPSH performance. It is the key equipment in LNG gas plant, LNG gas station and LNG terminal.