

液化气多级离心泵 LPG SIDE CHANNEL MULTISTAGE PUMP

PCS3004/3006/3008【液化气多级离心泵 LPG SIDE CHANNEL MULTISTAGE PUMP】

液化气多级泵是离心式流道泵，采用了水平结构，叶轮共有6级和8级两种，轴采用机械密封，无需冷却。该泵用于传输液化气，特别是高压力差、低汽蚀余量和气体含量高达50%的液体。该泵在吸气端采用了预先压缩涡轮，使其可以很好地用在要求低汽蚀余量的情况下，因此该泵可以用在不利的吸气情况下。

The centrifugal and side channel multistage pump, having a horizontal configuration, is designed with 6 stages and 8 stages, shaft sealing by mechanical seal without cooling. For handling LPG(liquid gas), the liquids involving high-differential pressure, low NPSH conditions and aerated liquids up to 50% gas, such as pumping from tanks. The use of a pre-compression turbine at the suction end makes it possible to obtain a very small required NPSH, so that this pump can be used under very difficult suction conditions.

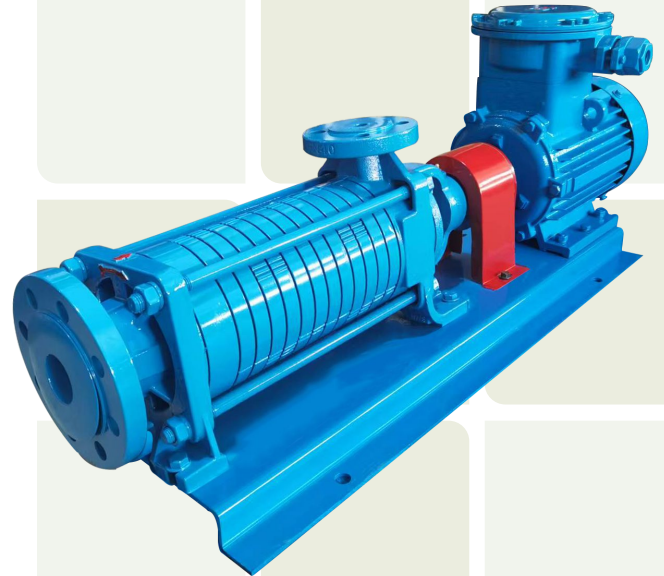
应用范围 Application :

- 瓶装 LPG cylinder filling ;
- 从地下罐中泵液化气 Pumping LPG from underground storage ;
- 大批量加气 Bulk filling operations ;
- 油罐车，槽车装车、卸车
Loading/unloading of bulk trucks and transport trailers

技术说明Technical Specification

型号 Model:	PCS3004	PCS3006	PCS3008
旋转方向 Direction of Rotation:	面对泵的驱动端逆时针旋转 Anti-clockwise facing the end of the pump drive shaft		
最大压差 Maximum pressure difference:	1.4MPa	2.0MPa	2.8MPa
转速 Speed:	1450RPM		
功率 Power:	3KW 380V 50Hz	4KW 380V 50Hz	5.5KW 380V 50Hz
环境温度 Ambient temperature:	~30~60°C		
级数 Stage:	4级Four stages	6级Six stages	8级Eight stages
流量 Flow Rate:	7m³/h	7m³/h	7m³/h
连接法兰 Connecting flanges:	进口65 Inlet DN65 出口32 Outlet DN32		
轴承 Bearings:	泵端滑动轴承，驱动端滚珠轴承 Pump end sliding bearing, ball bearing drive end		
润滑 Lubrication:	泵端滑动轴承由泵的介质润滑，驱动端的滚珠轴承自润滑 Sliding bearing lubrication by pump medium pump end, drive the ball bearing lubrication		

PCS3006



PCS3008

