

Cryogenic Booster Pump

Description

PRS Internationals Cryogenic Booster Pump(s) are designed for pumping liquid Nitrogen and LNG (liquified natural gas).

Inside the frame, the submerged ACD TC -34 pump is mounted in vacuum insulated sump, including all piping and instruments according to the General Arrangement drawing CN2080055-03 and P&ID CN2080055-01. All components are EX-rated, for operation in EX-zone the control panel should be placed in a safe zone.

For LNG services, the valves and safeties are executed in 'first safe' design and safeties are collected and routed to one central point (to be routed to safe area by customer), pigging with earthing to skid.

Technical Information:

Fluid	: LIN
Application	: LIN transfer for cool-downs
Pressure discharge	: Up to 40 bar
Pressure suction	: 0 - 20 bar
Flowrates	: 4000 - 13000 kg/h
Installed Moter Power at 90 Hz	: 28,6 Kw

