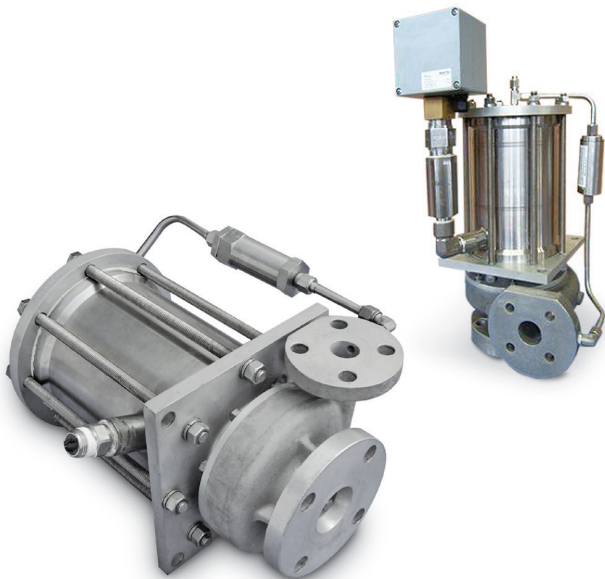


Model AC-32

Vertical Sealless Pumps



Multiple sizes available
 Not suitable for Oxygen service

Specifications

Pump Size	units	2 x 4 x 6
	gpm	20 – 460
Flow Range	lpm	75 – 1,514
	feet	0.5 – 12
NPSHR	meter	0.15 – 3.6
	feet	21 – 500
Differential Head	meter	6.40 – 150
	hp	3 – 40
Pump Design Rating	kw	2.24 – 30
	rpm	1,500 – 7,200

Consult Nikkiso ACD engineering to confirm available sizes and ratings.

Features & Benefits

- Pump and motor are fully flooded with liquid, minimizing start-up and downtime and guaranteeing quick, responsive pumping
- Sealless design minimizes maintenance requirements – no mechanical seal
- No sump required – lowers cost
- Sealless zero leakage design is environmentally safe, releasing no volatile organic chemicals and contaminants (VOC's) into the atmosphere
- Multi-frequency motor provides an efficient and broad range of operation and power
- Electrical motor and bearing life is extended being cooled by the cryogen it is pumping, heat input is minimal and carried off by discharging liquid
- Low NPSH inducer coupled with a variable speed soft start motor eliminates cavitation at pump start-up
- Suitable for Class I, Div I (IEC Zone 0 and 1)
- Pass-thru connection

Applications

- LNG filling station pump
- Fuel loading pump
- LNG peaking plant

Liquids Pumped

- Nitrogen
- Argon
- Methane
- Ethylene