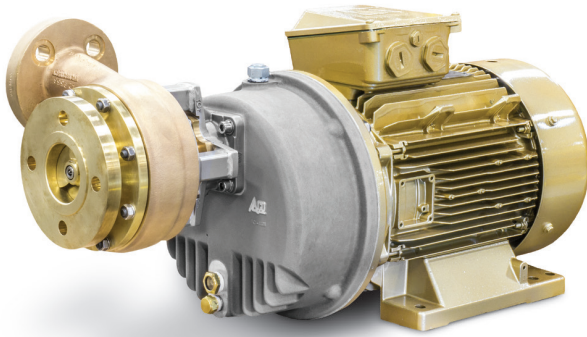


Model AC-14/14M

Trailer Off-Loading Pumps



1 x 2 x 4.5, 1.5 x 2.5 x 6 and 1.5 x 2.5 x 6.25M

Specifications

Pump Size	units	1.5 x 2.5 x 6.25M
Flow Range	gpm	20 – 200
	lpm	75 – 750
NPSHR	feet	1.4 – 9.0
	meter	0.42 – 2.7
Differential Head	feet	440 – 990
	meter	135 – 300
Pump Design Rating	hp	30 - 33
	kw	22.5 - 25
Speed Range	rpm	4,200 - 8,200

Consult Nikkiso ACD engineering to confirm available sizes and ratings.

Features & Benefits

- XP Inducer improves NPSH required
- Gearbox design provides:
 - Improved efficiencies at higher speeds
 - Higher operating range (flows and pressures)
 - Splash oil lube system for improved bearing life and lower maintenance requirements
 - Reduced vibration and noise
- All parts interchangeable with comparable pump
- Stainless steel bearing house reduces “cold creep” into the gearbox

Applications

- Trailer off loading
- Liquid storage transfer

Liquids Pumped

- Nitrogen
- Oxygen
- Argon
- Methane

Typical Scope of Supply

- Pump, high performance gearbox drive and TEFC motor with purge ports
- Splash lubricated gears
- Long life (CFS) mechanical seal
- IEC Motor frame