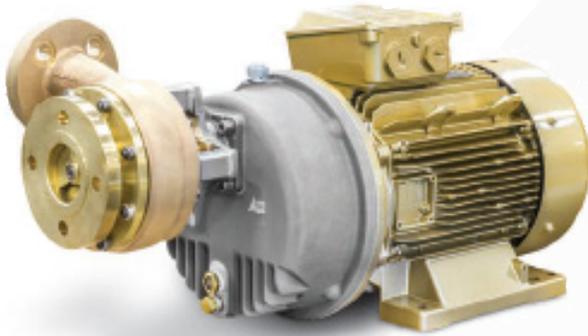


Model AC-14

Gearbox Pump



Specifications

Flow Range	gpm	10 – 250
	lpm	35 – 950
NPSHR	feet	3 – 8
	meter	1 – 2.5
Differential Head	feet	100 – 1,050
	meter	30 – 320
Pump Design Rating	hp	3 – 30
	kw	2.2 – 22.5
Speed Range	rpm	3,500 – 11,400

Consult ACD engineering for actual performance ratings.

Features & Benefits

- 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
- Impeller design allows for low NPSH requirements
- All bronze construction allows for oxygen compatibility
- Stainless steel bearing house reduces “cold creep” into the gearbox

Applications

- Liquid storage transfer
- Trailer loading and unloading
- Test facility support

Liquids Pumped

- Nitrogen
- Oxygen
- Argon
- Methane

Typical Scope of Supply

- Pump, high performance gearbox drive and TEFC motor with purge ports shown
- Integrated lube oil system (oil shipped separately)
- Long life (CFS) mechanical seal with purge port