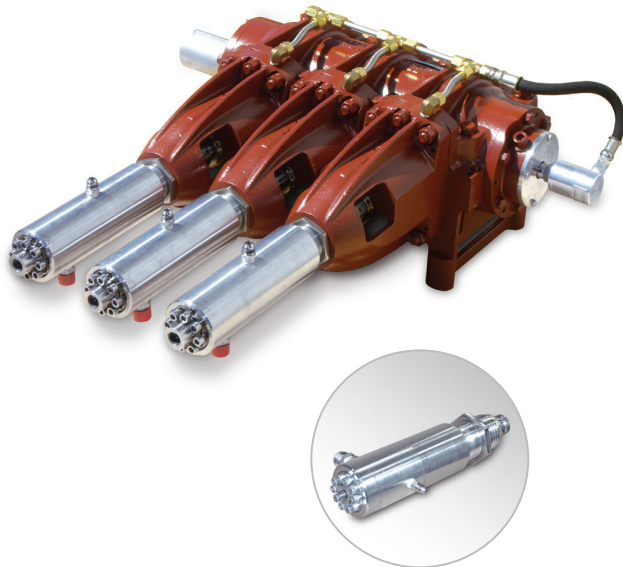


# Model 3-GUPD

## High Flow/High Pressure Pumps



Available with SG cold end, 1.625" bore

### Specifications

Bore x Stroke	in	1.25 x 1.125	1.625 x 1.125	2.00 x 1.125
		1.25 x 1.3	1.625 x 1.3	2.00 x 1.3
		1.25 x 1.5	1.625 x 1.5	2.00 x 1.5
Flow Rate	gpm	1.5 – 18.3	2.6 – 32.0	3.9 – 48.8
	lpm	5.7 – 69.5	9.8 – 121.0	14.7 – 185.0
Pump Design Rating	hp	205	205	205
	kw	153	153	153
Maximum Discharge Pressure	psi	17,000	10,000	6,600
	bar	1,172	690	455
NPSPR	psi	60	60	60
	bar	4.1	4.1	4.1
Speed Range	rpm	100 – 940	100 – 940	100 – 940

Consult Nikkiso ACD engineering to confirm available sizes and ratings.

### Features & Benefits

- Rugged, heavy duty construction allows for high reliability in oil well service operations
- Main shaft is pressure lubricated minimizing wear and tear on bearings/crosshead piston while keeping all components cool
- Interchangeable with SG cold ends expanding capabilities and all cold ends have minimal material for quick cool-down and minimal wear and tear at start-up
- Multiple cold end sizes and drive end strokes allow for wide range of flows and pressures providing flexibility to end users and applications

### Applications

- Oil well service
- High pressure pumping systems
- Mobile pumping applications
- N<sub>2</sub> purging

### Liquids Pumped

- Nitrogen
- Methane
- Ethylene

### Typical Scope of Supply

- Foot-mount pump shown (cold ends & drive end)
- Digital tach adapter
- LN<sub>2</sub> tested

### Optional Accessories

- SG, non-vacuum jacketed cold ends, p/n 60740-1
- Mechanical tach adapter
- Boost pump