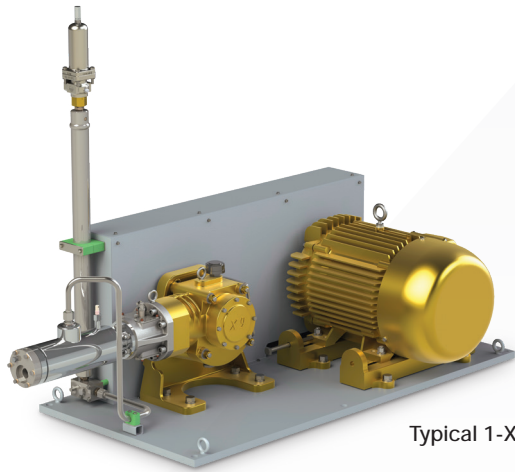


# Model X9



Typical 1-X9

## Specifications: X9 - SGV cold ends

Bore x Stroke	in	1.25 x 1.38	1.625 x 1.38	1.97 x 1.38
	mm	(32 x 35)	(41 x 35)	(50 x 35)
Flow Rate	gpm	1 – 11	2 – 18	3 – 27
	lpm	5 – 40	8 – 68	12 – 100
Pump Design Rating	hp	15 – 75	15 – 150	15 – 150
	kw	11 – 55	11 – 110	11 – 110
NPSPR**	psi	10	5	5
	bar	0.70	0.35	0.35
Maximum Discharge Pressure	psi	10,000*	6,000*	6,000*
	bar	690	414	414

\* LOX limited to 4,000 psi as standard.  
Contact ACD for specific application information.  
\*\*Minimum

### Features & Benefits

- Modular design (1,2,3 cylinders) provides wide range of flow rates
- Splash oil lubrication extends drive end life
- Multiple SGV cold end sizes allow for interchangeability and flexibility at the customer's specific flow and pressure requirements
- Drive end design uses existing SG components providing proven technology, reliability, and standardization
- Belt driven by electric drive motor allows for extended pump duty

### Applications

- Storage filling
- Heavy duty cylinder filling
- L/CNG fueling systems
- Test facility support

### Liquids Pumped

- Nitrogen
- Oxygen
- Argon
- Methane (LNG)
- Ethylene (C<sub>2</sub>H<sub>4</sub>)

### Typical Scope of Supply (SKID)

- Foot-mount pump with vacuum jacketed cold end
- Standard suction adapter with monel strainer
- Distance piece with purge ports
- Galvanized base mounting plate
- TEFC motor
- Motor slide rail
- High pressure safety relief valve with discharge line and surge chamber
- Suction/Discharge manifold for modular (2 or 3 cylinders) pumps
- Anti static brushes for LNG applications