

CRYOGENIC RECIPROCATING PUMPS HPH SERIES FOR INDUSTRIAL GASES

TECHNICAL FEATURES

- Low operating noise
- High reliability
- Easy maintenance

APPLICATIONS

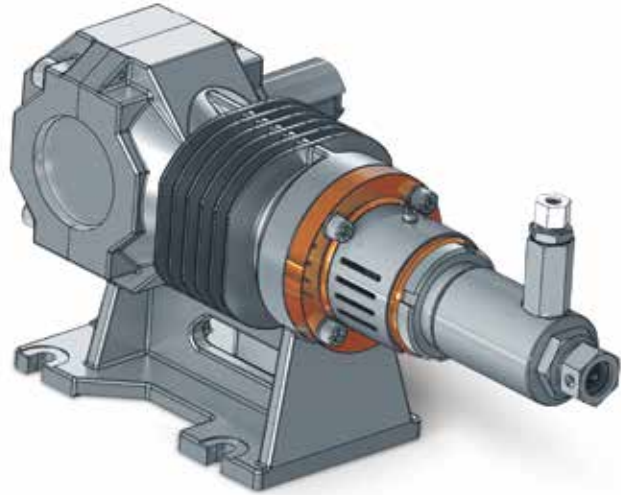
- Cylinders filling and high pressure accumulation capacities

CRANKDRIVE SYSTEM

- TW 3A - Grease Lubrication

TRANSFERRED FLUIDS

- LCO₂, LN₂O

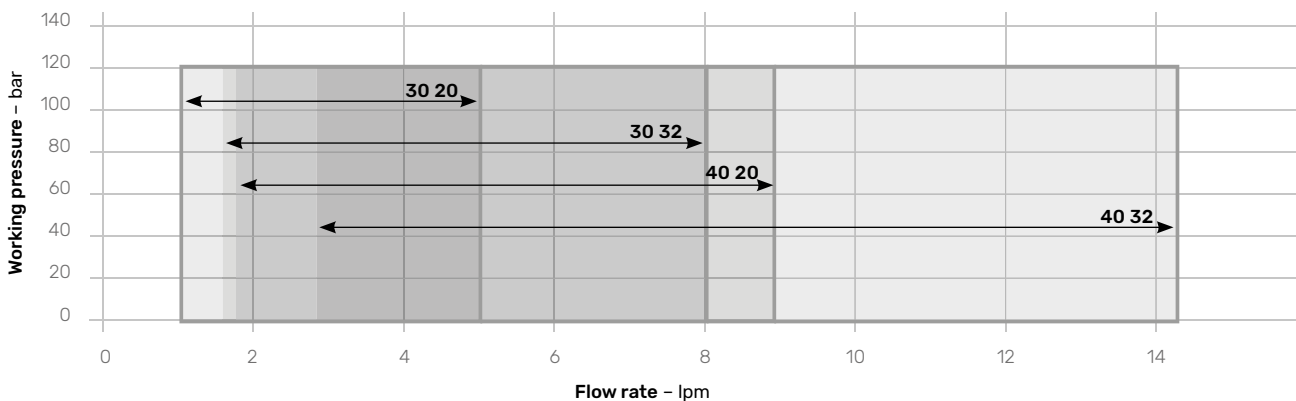


HPH TW 3A PERFORMANCES

Model	Piston		Flow rate				Maximum allowable suction pressure (MASP)		Maximum allowable working pressure (MAWP)		Power Installed
	Bore	Stroke	Min 80 rpm		Max 420 rpm						Referred to MAWP
Series pump	mm	mm	lpm	gpm	lpm	gpm	bar	psi	bar	psi	kw
HPH 30 20	30	20	1,0	0,3	5,0	1,3	30	435	120	1740	2,2 - 3
HPH 30 32	30	32	1,6	0,4	8,0	2,1	30	435	120	1740	2,2 - 5,5
HPH 40 20	40	20	1,7	0,4	8,9	2,4	30	435	120	1740	2,2 - 5,5
HPH 40 32	40	32	2,8	0,7	14,3	3,8	30	435	120	1740	2,2 - 7,5

NPSH required: 1 - 1,5 m

Data can be subjected to change



STANDARD SUPPLY

- Painted steel frame
- Pneumatic accumulator
- Cryogenic pump
- Electric motor
- Transmission system with belts and pulleys

STANDARD ACCESSORIES

- Low pressure safety valve
- Inox Filter
- Suction flexible hose

OPTIONAL ACCESSORIES

- Electrical control panel
- 2 speed electric motor
- Motor suitable for VFD
- Distribution Panel
- Complete automatic system available on demand

Average SKID weight: 280 kg

Package overall dimensions: 196 x 63 x 55 cm

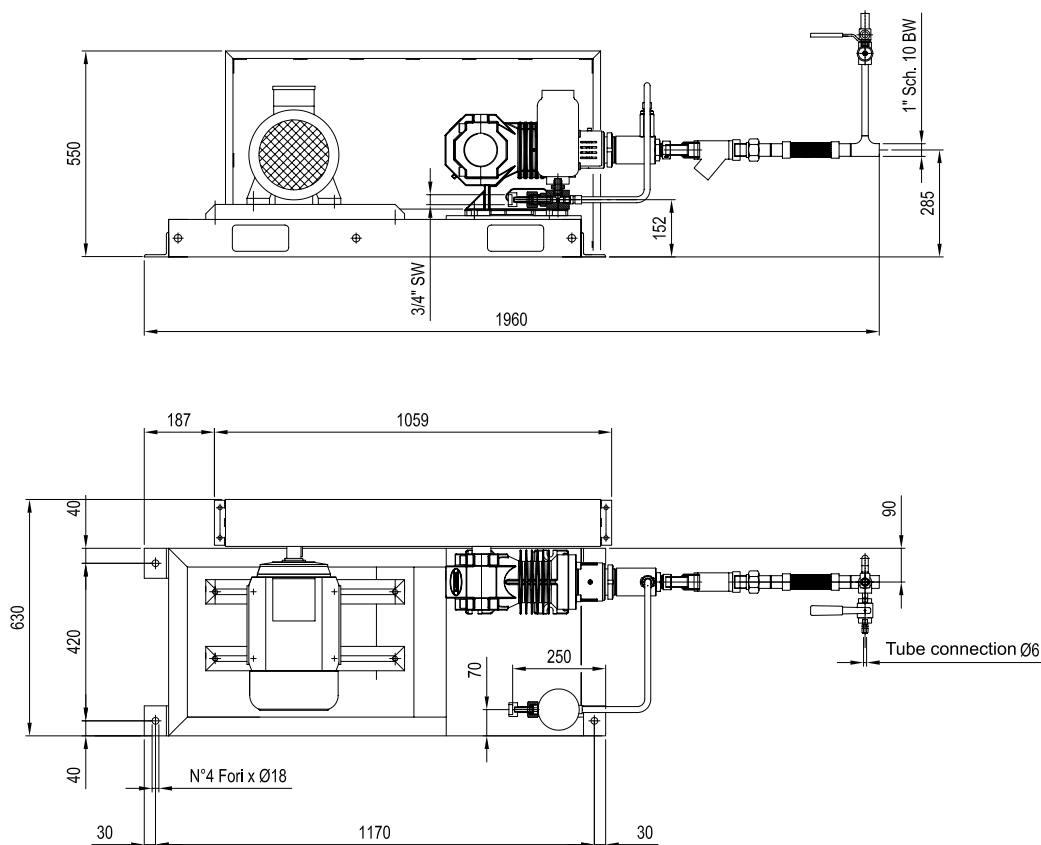
TEST AND CHECKS

- Dimensional control of each mechanical component before assembly
- Performance test with LIN available for class and customer

STANDARDS

Designed according to:

- European Directive Machinery
- EIGA/IGC/CGA guidelines

GENERAL DIMENSIONS

Certified quality
management system