



CHEMICAL DOSING / INJECTION UNIT NPE GX60



The air-driven high-pressure pumps used in the chemical injection unit are particularly built for maximum performance and efficiency. The device has been developed for both on and offshore operations and is housed in 316 Stainless Steel trolley for portability.

Pumps are suitable for various media including water, oils, chemicals. Some of the applications in the chemical and Offshore industries are injection of inhibitors such as methanol and glycol in wells, injection of coolants, charging hydraulic accumulators, actuation of subsea valves, pipeline testing, Hydro testing, etc.

A chemical injection unit injects a precise amount of specific chemicals into a system at the proper temperatures, pressures, and flowrates. A chemical injection unit consists of a chemical dosing pump, instruments, piping, valves, 4L calibration column and a trolley mounted construction.

GENERAL SPECIFICATIONS

Air drive pressure	1-10 bar/14.5-145 psi
Calculated outlet pressure at 10 bar/145 psi air supply	600 bar / 8,700 psi
Pressure ratio	1: 66
Displacement volume / double stroke	65 cm ³ / 3.97 cub. inch
Connections	
Inlet	1 NPT-F with Camlock adaptor
Outlet	9/16" MP with 1/2" NPT adaptor
Air drive	3/4 BSP female with 3/4" Minsup adaptor
Max operating temperature	60° C

MATERIALS OF CONSTRUCTION

Pump Body	Stainless steel (17-4-PH)
Piston	Stainless steel (17-4-PH)
Seal package	UHMWPE (ultra-high molecular weight polyethylene) / FKM

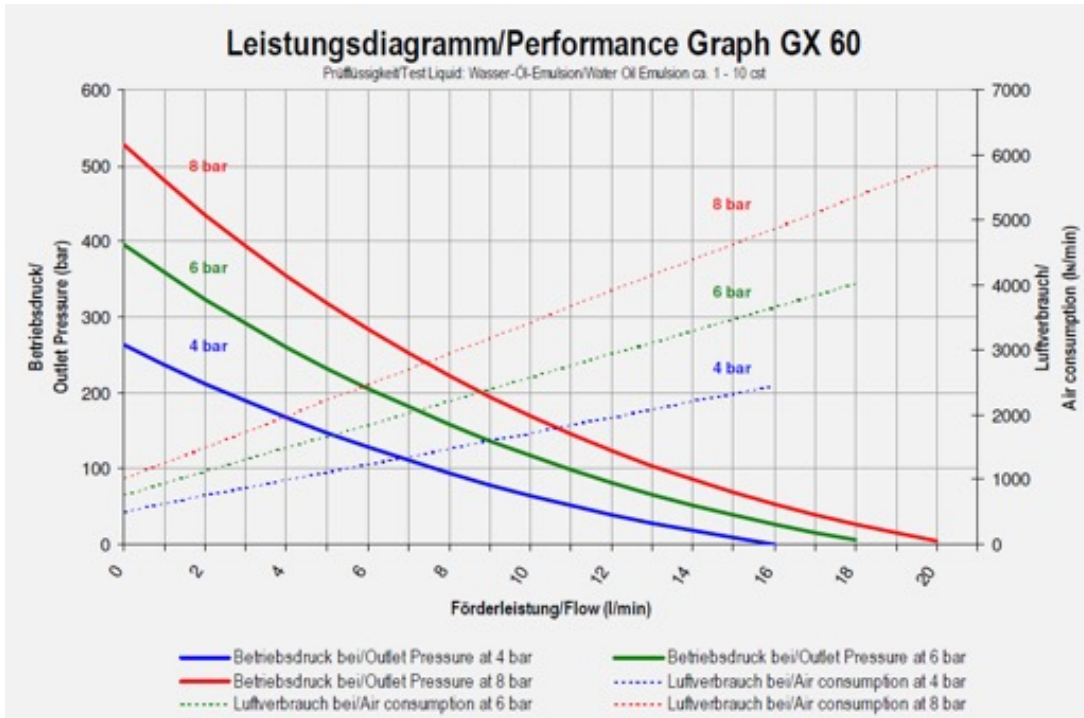
KEY FEATURES

- Durable, High-Quality materials
- Double acting, single air drive head pump
- Accurate and Repeatable Injection
- Quick Maintenance and Low Downtime
- Explosion proof, no electrical power required
- Pressure maintained without energy consumption
- Air filter regulator valve
- Pressure Gauge (Optional - Calibrated)
- PRV 1000-10000psi (Optional NATA recert)
- Lift, Protection Cage with MO32 certifications (optional)



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PUMP PERFORMANCE CURVE



PUMP DIMENSIONS (WITHOUT FRAME)

