HYDROREX

ECONOMIC, DURABLE, SAFE & EASY TO OPERATE

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MADE IN USA

TECHNICAL DATA SHEET

PRODUCT	**HYDROSTATIC TEST EQUIPMENT**
MODEL	**ECM-515REX**
SERIES	**SERIE ECM-REX**
API	**CERTIFICATED ACCORDING TO API**
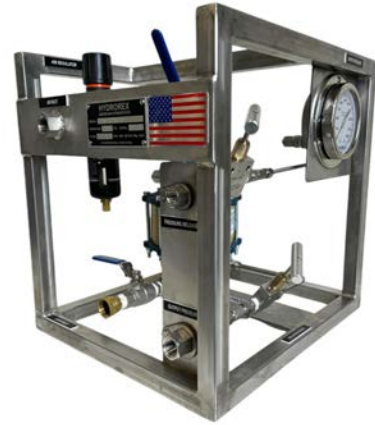
all Stainless air operated liquid system, lightweight portable, economic, safety, durable and easy to operate. Made in USA with highest quality components for low operatinal cost. Available for use on a wide range of fluids including water, oil/ hydraulic and other solubles, requires 80-100 psi air drive pressure to operate. **Designed for Hydrostatic, Burst, Booster, Hydro, Injection, Leak Detector, Pressure Calibration and More**.

ECM-REX Series are used in most industries including Oil & Gas for: Pressure on Pipes, Valves, Hoses, Vessels, Spools, etc.
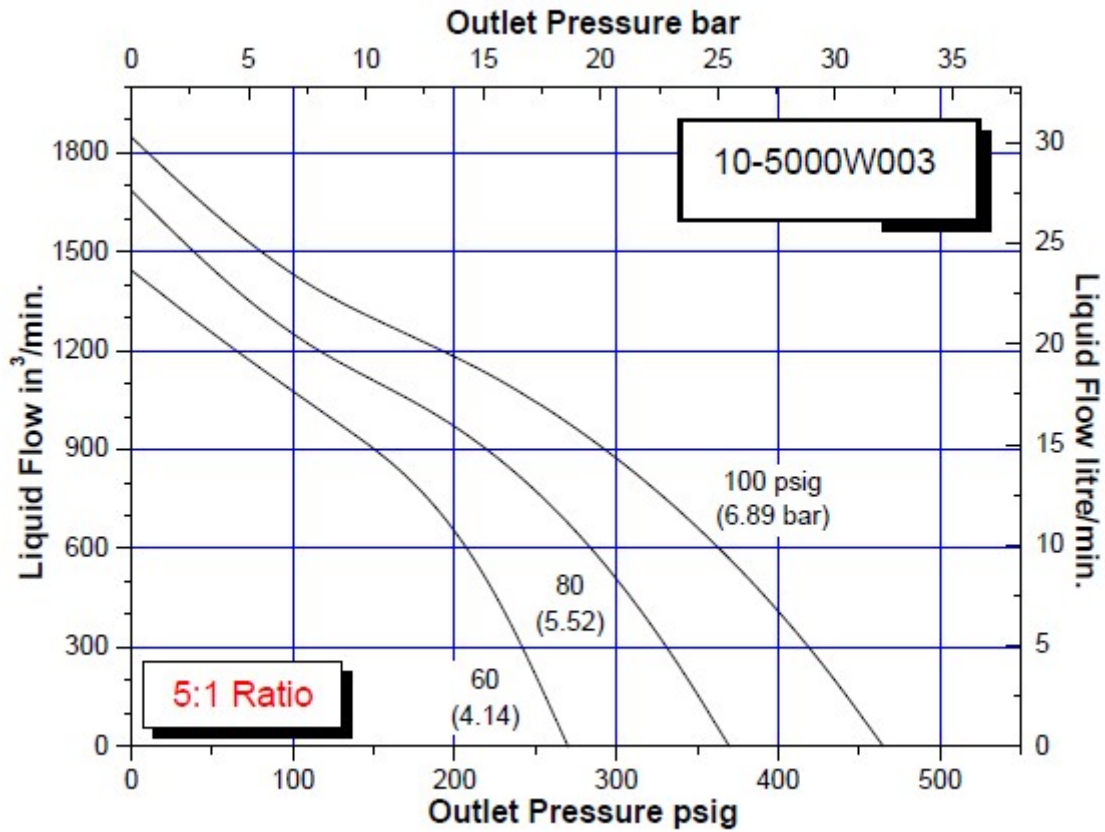
FEATURES/BENEFITS

- Designed for easy maintenance
- Low cost servicing
- Air operated liquids pump
- All pressure valves, tubing, fittings & hardware are stainless 316
- Pressure Chart Recorder Port (Optional)
- Stainless Steel structure & Components
- Unit weight: 35 pounds - Dimensions: 16"L X 16"H X 14"
- HS Code: 8413.50.0050
- Certificated according to the API
- Air 18-24 SCFM

PERFORMANCE DATA

Max. Output Flow	7.92 GPM (30 LPM)
Max Output Pressure	500 Psi (34 Bar)
Air Supply - Driven	100 Psi
Air Inlet Port	1/2" Female NPT
Inlet Liquid Port	1/2" Female NPT
Outlet Pressure Port	1/2" Female NPT
Pump Brand & Ration	SC-Hydraulic Ratio 5:1

SC Hydraulic Engineering

Parker

API American Petroleum Institute

FLOW CURVE RATIO 5:1

Outlet Pressure bar

10-5000W003

5:1 Ratio

100 psig
(6.89 bar)

80
(5.52)

60
(4.14)

Liquid Flow in³/min.

Liquid Flow litre/min.

Outlet Pressure psig

GENERAL PRODUCT INFORMATION

- When operating from 0 to rated hydraulic pressure, air consumption will be approximately **18-24 scfm** of free air at 100 psi output. At lower air pressures and higher hydraulic pressures air consumption will breduced proportionately to flow rates indicated.
- The ECM-REX Series "Dry Lube" pump does not require an air line lubricator.
- Contact Hydrorex for pressure gauges calibration / certificate.
- Maintenance parts for future repairs, all components & accessories can be found on our website www.hydrorex.com

SHOP AIR

AIR INLET

AIR VALVE   AIR REGULATOR

ISOLATION VALVE

OUTPUT PRESSURE

CHART RECORDER PORT
OPTIONAL

LIQUID INLET

LIQUID VALVE

PUMP

OUTPUT PRESSURE

BLEED PORT

ECM-Series

- Air Regulator
- Air Ball Valve
- Air Inlet Port
- Pressure Gauge
- Liquid Ball Valve
- Pressure Release Valve
- Garden Hose Adapter
- Isolation / Hold Valve
- Pressure Release Port
- Output Pressure Port
- Stainless 1" Square Tube