



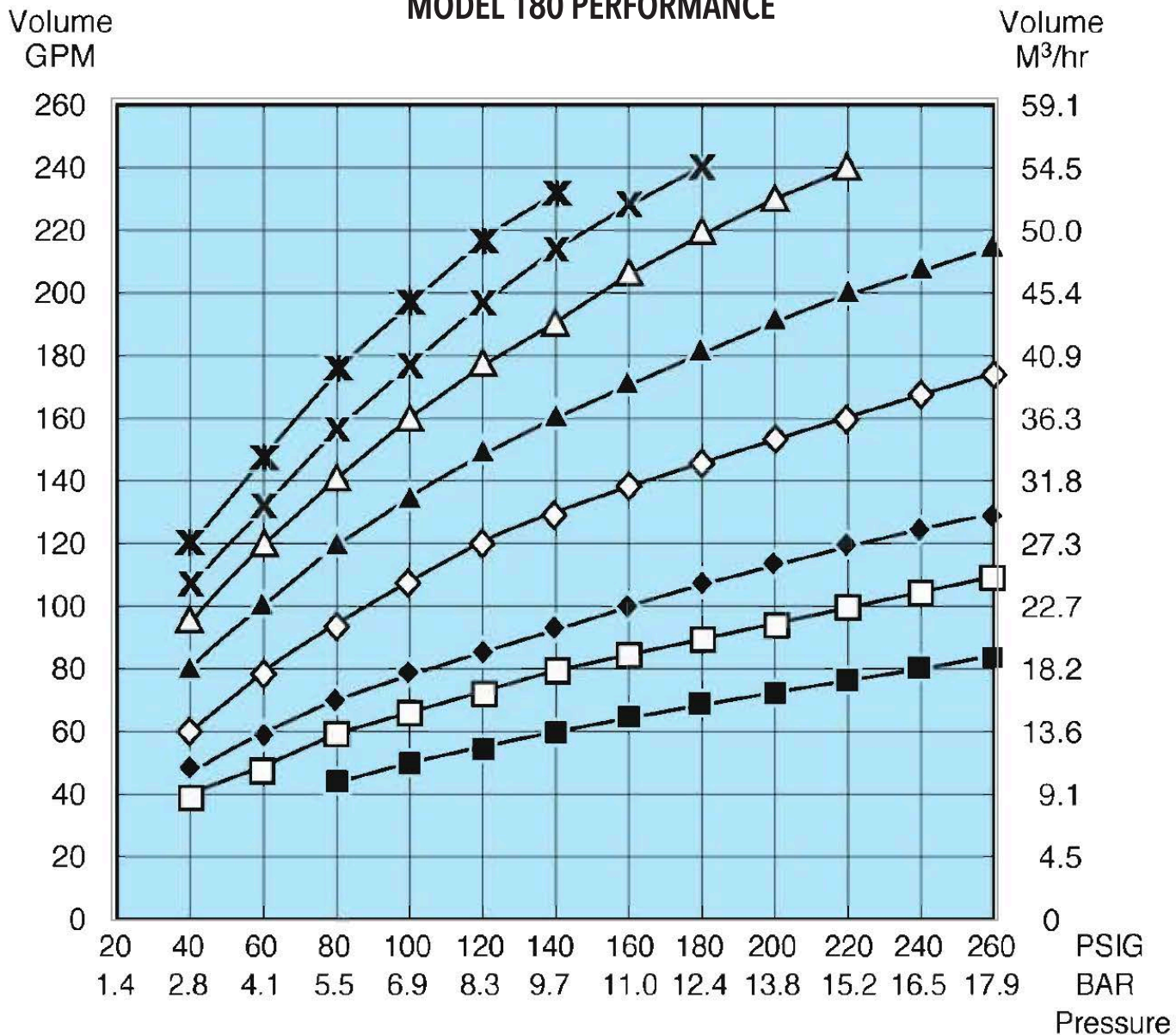
MODEL 180 DIRECTIONAL



FEATURES AND SPECIFICATIONS

- Portable or Clean-In-Place
- Oil-lubricated or Non-lubricated Flow-Through Design Gearbox
- Triple Nozzle Housing with Eight Nozzle Sizes Available Ranging from 1/4" to 5/8" (6.35-15.87 mm)
- Two interchangeable gear ratios: 655:1 (std.) or 273:1 (fast)
- Jet Indexing: 2° (Triple Nozzle Only)
- Operating Temperature:
Up to 250°F (121 °C)
- Inlet Pressure Range: 60-350 psig (2.8-24 bar)
- Flow Range: 40-350 gpm (9-79 m³/hr)
- Nozzle Housing Rotation: 0.5 to 15 r.p.m.
- Effective Jet Radius: 40+ Feet (12.2+ Meters)
- Self-Rinse Passages to Keep Bearing System and Gears Rinsed Free of Debris
- Sturdy Construction using Quality Engineered Materials
- Designed for Simple On-site Maintenance
- Castings: 316-L Stainless Steel
- Ceramic Coated Rotor Shaft
- Stainless Steel Internal Gears
- Chrome Plated Gearshafts for Longer Wear
- Carbon-Fiber Reinforced Thermoplastics for Main Casting Bearings
- Tungsten Carbide Thrust and Rotary Bearings
- PTFE Based or Oil-Impregnated Bronze Gearbox Bearings
- Fluoropolymer or Elastomer O-rings to Suit Application
- Spring-Energized Teflon Seals
- Optional Stainless Steel Filter Screen in Inlet Stem
- Height: 12 1/4" (31.1 cm)
- Width: 12 1/8" (30.8 cm)
- Weight: 29 lbs. (13.17 kg)
- Minimum Tank Opening: 12 1/4" (31.1 cm)
- Inlet Stem: 2" (5.1 cm) NPT Female (Standard)
- Connections: 2 1/2" (6.4 cm) Quick-Disconnect (Standard), 2.5-7.5 I\JH, NST Male Threads; 2 1/2" (6.4 cm) O.D. (Optional)

MODEL 180 PERFORMANCE



Nozzle Size

■ 1/4" 6.4mm	▲ 7/16" 11.1mm
□ 9/32" 7.1mm	△ 1/2" 12.7mm
◆ 5/16" 7.9mm	✕ 9/16" 14.3mm
◇ 3/8" 9.5mm	✱ 5/8" 15.9mm