



# 66 Series - The Synthesis of Experience

**Valve Poppets Are** 

No cracking

Machined Not Stamped
• Better surface finish



# **66 Series Applications**

## Pressure Cleaning Applications Pre-painting Surface Preparation:

Surface cleaning Paint removal Wet-sandblasting

# Heavy Equipment Maintenance:

Dirt and mud removal Grease and oil removal Parts washing

### Contract Cleaning:

Sidewalk cleaning Driveway cleaning General cleaning

# Industrial Applications *Misting/Fogging:*

Evaporative cooling
Fire suppression
Tower cooling
Power generation

#### Industrial Process:

Hydraulic ram/press operation Hydrostatic testing

#### Industrial Cleaning:

General cleaning
Surface stripping
Scale removal
Industrial pressure wash
Trailer mount systems
In-plant stationary systems
Large portable systems

#### Food Processing:

Poultry deboning Sanitation

### OVERALL PUMP DIMENSIONS: 13.84" x 9.8" x 7.7"

#### No stress points from stamping **Exclusive and innovative** More durable, long plunger guide design allows for lasting valve even greater ceramic thickness Stress Is All In Stack Forged crankshaft Decreases possibility of cracking O-ring groove in crankcase vs cover • Increases load potential • Eases installation from thermal shock • Reduces fatigue • Increases strength of rear cover Oversized 2-piece white bronze connecting rods w/ 2, 8 mm bolts and special oil reservoirs Increases strength and stability 31.04 oz. oil capacity Friction and heat reduction · Better cooling extends life Piston guide bushings in an exclusive teflon, graphite and bronze Superior strengh • Easily replaceable Fully anodized crankcase • Smoothest possible surface • Better protection against results in longer seal life environment Valve Plugs vs Plate Two sight glasses • Easy access to single valve • Easier to monitor oil levels Quick repair/maintenance • One is bayonet style for easy replacement Stacked Valve Design for Better Efficiency Oversized cylindrical (see valve above) roller bearings • Efficient water inlet Higher load capabilities Closer to plunger Increases life of pump Replaceable Inlet Valve Seat Protects manifold from cavitation damage Nickel plated plunger guides • Smoothest possible surface results in longer seal life Superior strengh 16 or 18 mm plungers No Inlet Valve Plug · Offers wider range of flows Increased hydrostatic and pressures Increased durability Improved low and high White ceramic plungers pressure seals • 99% alumina-ceramic Increases life • Competitors plungers are only 97%

• Reduces maintenance

• Increases resistance to pitting

and wear

# **Pump Models**



### **TSP1621**

Flow: 4.3 GPM
Pressure: 5800 PSI
RPM: 1450
Bore: .630 in./16 mm
Stroke: .826 in/21 mm
HP: 17.1 EBHP



### **TSP1819**

Flow: 5.0 GPM
Pressure: 5000 PSI
RPM: 1450
Bore: .709 in./16 mm
Stroke: .472 in./19 mm
HP: 17.4 EBHP



# TSP1821

Flow: 5.5 GPM
Pressure: 5000 PSI
RPM: 1450
Bore: .709 in./18 mm
Stroke: .826 in./21 mm
HP: 18.9 EBHP

Max. Inlet Pressure: 125 PSI Max. Fluid Temperature: 156°F Inlet Port Thread: 1/2"-14 BSP-F Discharge Port Thread: 3/8"-19 BSP-F Shaft Diameter: .945 in.24 mm Min. Inlet Pressure: 30 PSI Crankcase Oil Capacity: 31.0 oz.