

# TSP "66" Series From General Pump

SOLID SHAFT				
MODEL	FLOW	PRESSURE	RPM	EBHP
TSP1619	3.6 GPM	7250 PSI	1450	17.8
TSP1619	4.3 GPM	5800 PSI	1750	17.0
TSP1621	4.3 GPM	6525 PSI	1450	17.2
TSP1819	5.0 GPM	5100 PSI	1450	17.5
TSP1821	5.5 GPM	5100 PSI	1450	19.2
TSP1621N*	4.3 GPM	7250 PSI	1450	21.4

\*Nickel Plated

Max. Inlet Pressure.....125 PSI  
 Max. Fluid Temperature.....165°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.....9 ft. water (7.9 in Hg)  
 Crankcase Oil Capacity.....40.6 oz.  
**Use GP Series 100 Oil**

**TSP Series Applications**  
**Pre-painting surface preparation:**  
 Surface cleaning  
 Paint Removal  
 Wet sandblasting  
**Heavy Equipment Maintenance:**  
 Dirt & mud removal  
 Grease & oil removal  
 Parts washing

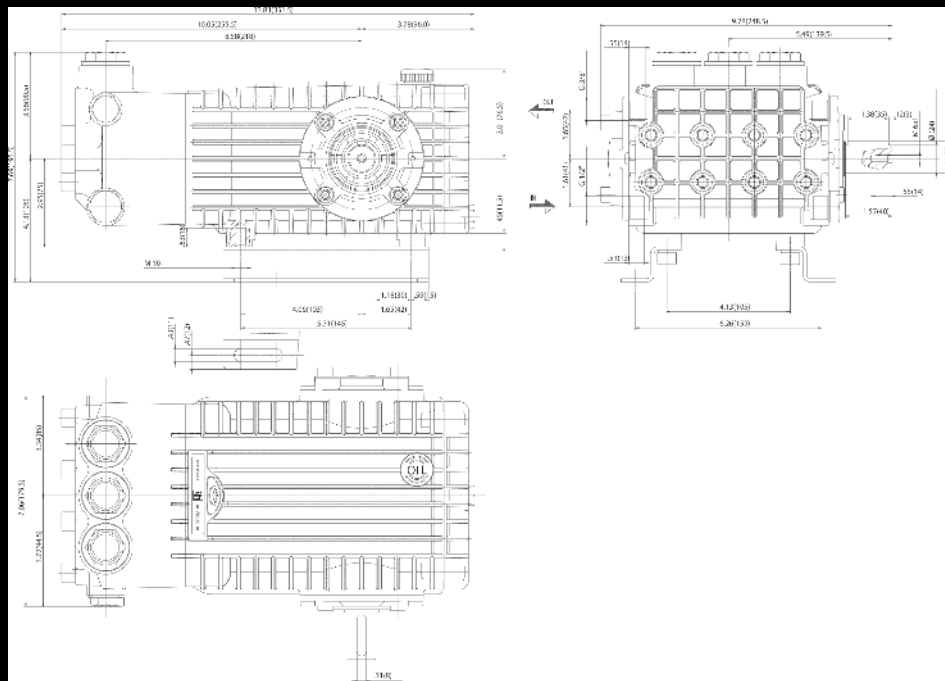
**Contract Cleaning:**  
 Building exterior cleaning  
 Sidewalk cleaning  
 Driveway cleaning  
 Deck cleaning  
 Mobile vehicle wash  
 General cleaning  
**Vehicle Wash Applications:**  
 Self-service carwash  
 Multiple gun prep stations

**Industrial Applications**  
**Misting/Fogging:**  
 Evaporative cooling  
 Fire suppression  
 Tower Cooling  
 Power generation  
**Industrial Process:**  
 Hydraulic Ram/Press Op.  
 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

## Our Mission

To be the best fluid control device company worldwide, providing our customers with superior and innovative products, coupled with a level of service that exceeds customer expectations.

At General Pump, "We'll Find A Way!"



## TSP "66" SERIES

ISO 9001:2008 CERTIFIED



The  
 Synthesis  
 of  
 Experience



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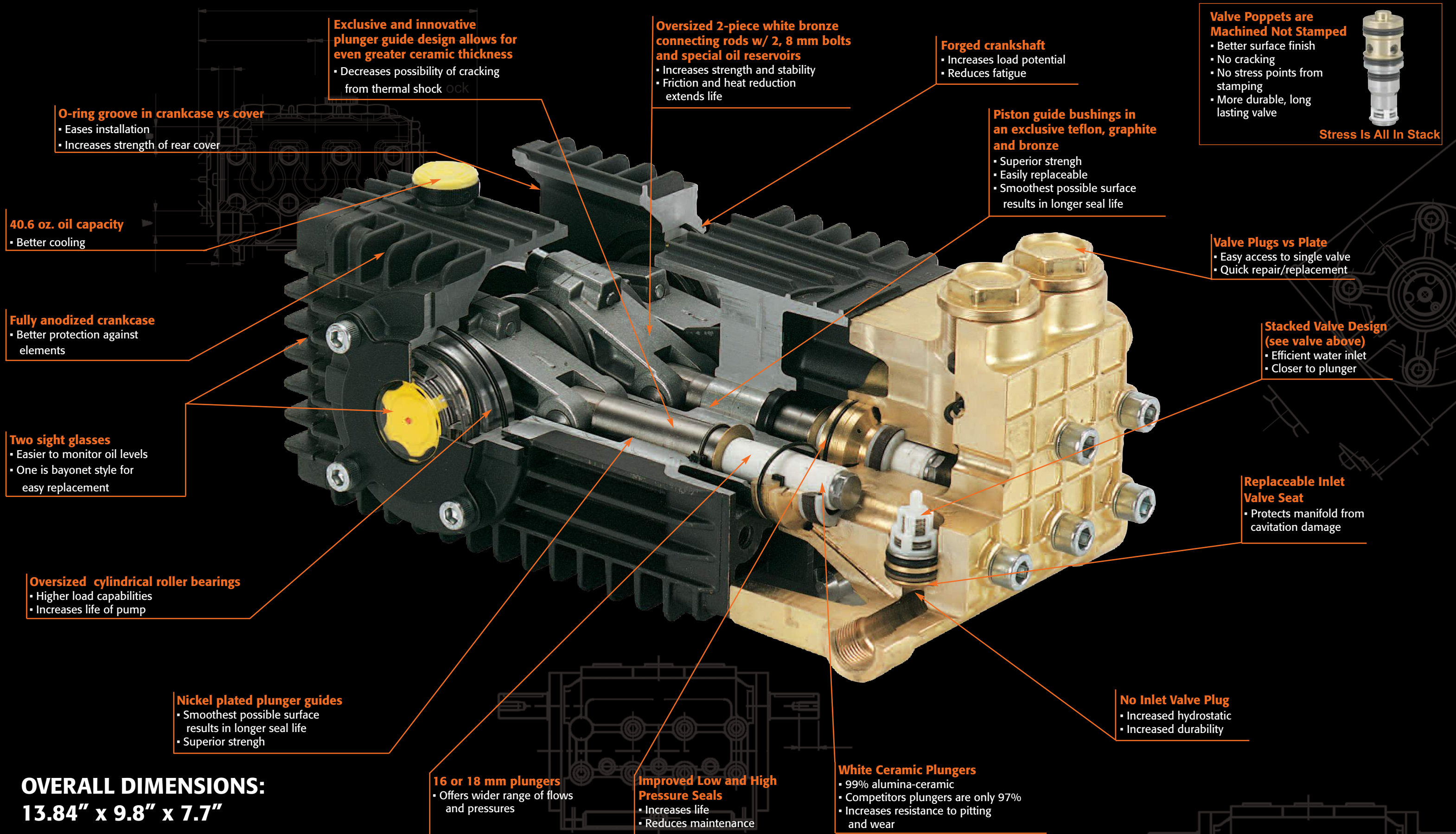
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# TSP "66" SERIES



### O-ring groove in crankcase vs cover

- Eases installation
- Increases strength of rear cover

### Exclusive and innovative plunger guide design allows for even greater ceramic thickness

- Decreases possibility of cracking from thermal shock

### Oversized 2-piece white bronze connecting rods w/ 2, 8 mm bolts and special oil reservoirs

- Increases strength and stability
- Friction and heat reduction extends life

### Forged crankshaft

- Increases load potential
- Reduces fatigue

### Piston guide bushings in an exclusive teflon, graphite and bronze

- Superior strength
- Easily replaceable
- Smoothest possible surface results in longer seal life

### Valve Poppets are Machined Not Stamped

- Better surface finish
- No cracking
- No stress points from stamping
- More durable, long lasting valve



Stress Is All In Stack

### 40.6 oz. oil capacity

- Better cooling

### Fully anodized crankcase

- Better protection against elements

### Two sight glasses

- Easier to monitor oil levels
- One is bayonet style for easy replacement

### Oversized cylindrical roller bearings

- Higher load capabilities
- Increases life of pump

### Nickel plated plunger guides

- Smoothest possible surface results in longer seal life
- Superior strength

### 16 or 18 mm plungers

- Offers wider range of flows and pressures

### Improved Low and High Pressure Seals

- Increases life
- Reduces maintenance

### White Ceramic Plungers

- 99% alumina-ceramic
- Competitors plungers are only 97%
- Increases resistance to pitting and wear

### No Inlet Valve Plug

- Increased hydrostatic
- Increased durability

### Valve Plugs vs Plate

- Easy access to single valve
- Quick repair/replacement

### Stacked Valve Design (see valve above)

- Efficient water inlet
- Closer to plunger

### Replaceable Inlet Valve Seat

- Protects manifold from cavitation damage

## OVERALL DIMENSIONS:

13.84" x 9.8" x 7.7"