

F E A T U R E S

TXV Series pumps are ultra compact, lightweight, high performance pumps designed specifically for mobile applications where weight and size are critical. The TXV series of pumps solve the problem of fitting high performance variable volume piston pumps in confined spaces. At only 57 lbs, flow to 55 gpm, and pressure to 5800 psi, makes these pumps ideal for successful applications in many hydraulic systems.

- **Extremely Compact**
 - Fits PTO's on most truck transmissions including Allison Automatic MD-HD Series.
- **Continuous pressures to 4800 PSI**
 - Matches perfectly with high performance truck cranes and winches
- **Low Noise**
 - Now a requirement for today's modern mobile machines
- **11 Piston design**
 - Reduces flow ripples for smoother performance
- **High response compensator**
 - Immediate pump response with input signal
- **Dual seal with external vent standard**
 - Able to be applied on both "wet and dry spline" style PTO's
- **7 Pump controllers available**
 - Adaptable to the most demanding applications
- **Application Flexibility**
 - Wide variety of options for mounting, shafts, porting, and end displacements.

Displacements – 2.44 to 7.32 cu. In.

Continuous Pressure – 4800 psi

Maximum Intermittent Pressure – 5800 psi

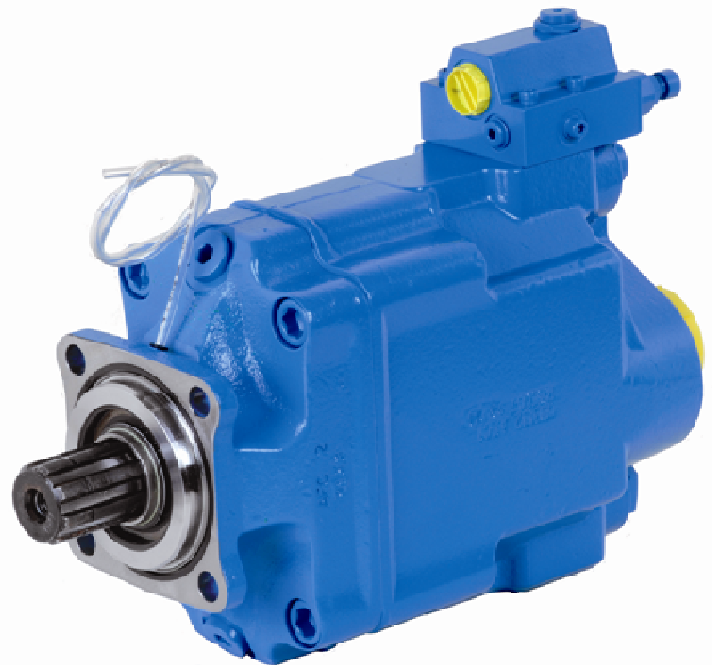
Temperature Range – 32° - 176° F

Filtration Requirements – ISO 4406 18/13

Seals – Buna-N

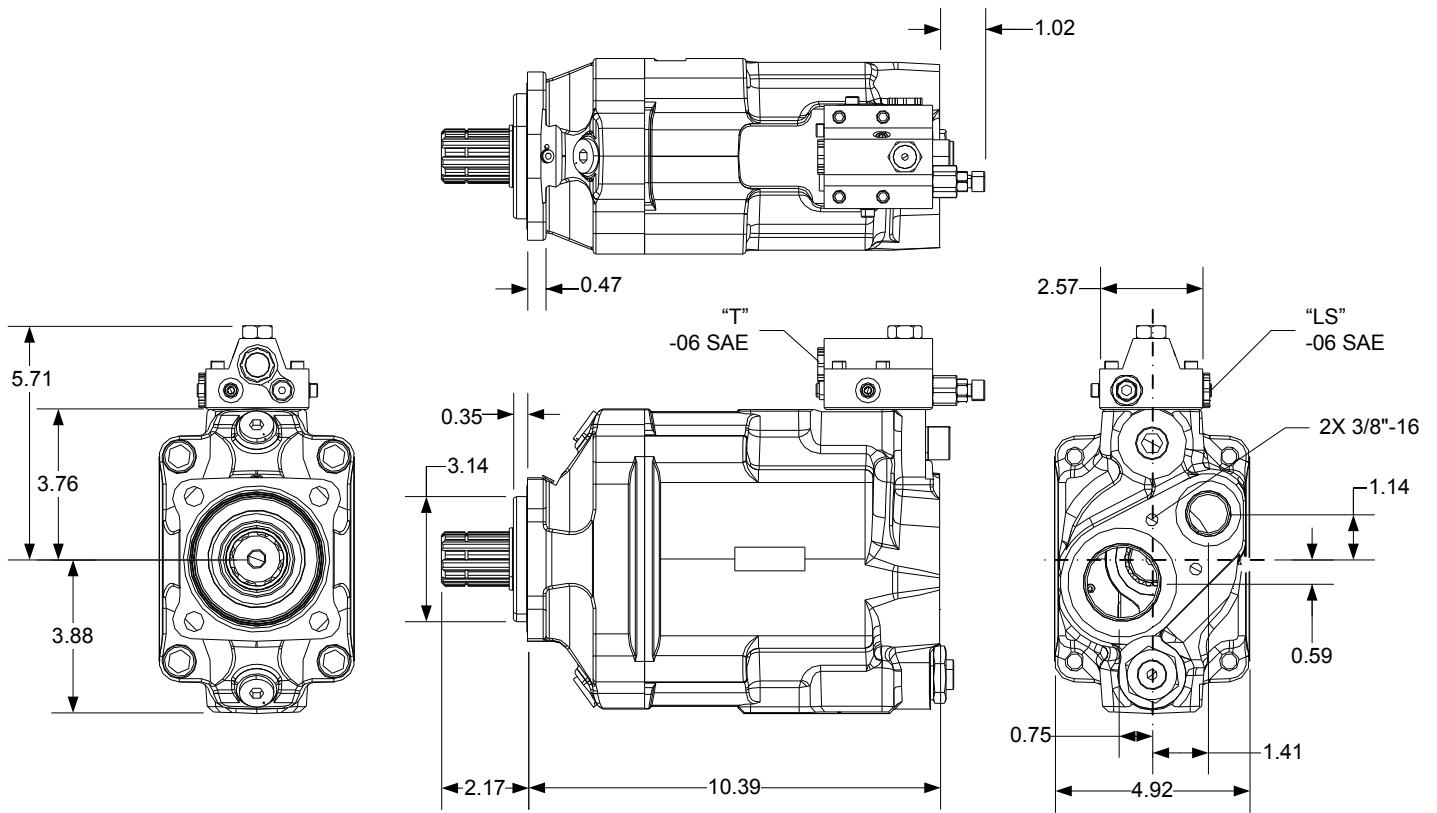
Mounting Sensitivity – None

Weight (LS Controller) – 57 lbs.



TXV Series Pumps

Variable Displacement Piston Pump



Model	Displacement	Rotation	Shaft	Flange	Porting	Control Option	Volume Stop Option
TXV							

CODE	Rotation
R	Right Hand
L	Left Hand

CODE	Flange
F	SAE "C" - 2 Bolt
N	SAE "B" - 2 Bolt
S	DIN 5462-4 Bolt

CODE	Volume Stop Option
omit	None
2	Maximum Volume

CODE	Displacement
040	2.44 cu. in.
060	3.66 cu. in.
075	4.57 cu. in.
092	5.61 cu. in.
120	7.32 cu. in.

CODE	Shaft
1	SAE "C" 1-1/4" x 14 Tooth Spline
2	SAE "BB" 1" x 1/4" Keyed
3	SAE "C" 1-1/4" x 5/16" Keyed
4	SAE "BB" 1" x 15 Tooth Spline
9	DIN 14 - 8 x 32 x 35 Spline

CODE	Porting
1	Rear SAE 24 x SAE 12
7	Rear BSPP G1-1/2 x G3/4

CODE	Control Options
PC	Pressure Compensated
PCDM	Pressure Compensated w/ Minimum Volume Stop
2PC	Pressure Compensated, Dual Pressure
PCD	Pressure Compensated, Remote
LS	Load Sensing
LSD	Load Sensing, Remote
HP	Horse Power Limiting



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