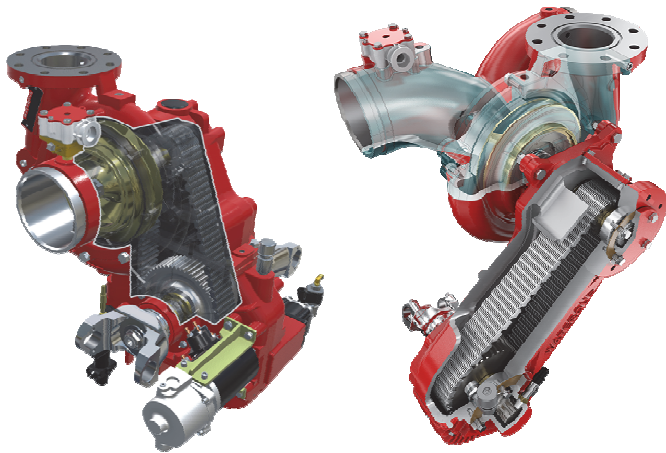




CX SINGLE STAGE

VEHICLE MOUNTED PUMP



CX Pump Performance						
GPM	l/min	l/sec	PSI	bar	kPa	MPa
750	2839	47	150	10	1000	1.0
1000	3785	63				
1250	4732	78				
1500	5678	94				

Pump Transmissions

K Series

The K Series Transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive.

- **Housing:** Aluminum
- **Gears:** Helical, precision cut, crown shaved for proper load distribution and quiet operation.

T Series

The T Series Transmission is supplied when the pump is to be mounted directly to the engine bell housing. This provides a clean, compact arrangement and allows for complete pump and roll capability.

T Transmissions are available in SAE 2, 3, 4, or 5 bell housing adapters.

- **Housing:** Aluminum
- **Gears:** Helical, precision cut, crown shaved for proper load distribution and quiet operation.

D Series Direct Drive

Used when a truck transmission mounted power take-off is selected as the pump drive.

- **Housing:** High-strength aluminum

C22 Series

The "C22" series transmission is supplied when the pump is to be midship mounted. Power from the truck's automatic transmission is transmitted to the pump.

- **Housing:** High-strength aluminum
- **Chain:** High-strength involute chain

PA Series

PA Series transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive. Designed for use with Allison transmissions with 10-bolt PTO.

- **Housing:** High-strength aluminum
- **Chain:** High-strength involute chain

QB Series (CXV Pumps Only)

QB Series transmission is normally used when a truck transmission mounted power take-off is selected as the pump drive. Designed with an 18-1/4" offset.

- Chain Driven
- Aluminum Case
- 1:06 ratio
- 1.750-10 SAE spline with SPL Series 90 End Yoke

Intake Connection:

Type	Model	Sizes
Victaulic® Intake	CXV	6 inch
Rams Horn Dual Intake	CXS	6 inch
Flange	CXN	DIN PN10 150

Note: 6 inch threaded intake available with 3 inch auxiliary intake ports.

Pump Features

- Two-Piece, vertically-split, high-tensile, close-grained iron (bronze optional) body.
- Bronze, double-hubbed, balanced impeller. Flame –plating optional.
- Replaceable bronze wear rings to increase pump life.
- Stainless steel impeller shaft supported by oil-lubricated ball bearings.
- Self-adjusting mechanical seal.
- 6" Victaulic Intake (CXV Model)
- 6" Dual Intake "Rams Horn" (CXS Model)
- DIN PN10 150 Flange (CXN Model)

Warranty

Waterous Seven-Year Limited Warranty

Conditions of Sales

For details on Waterous Condition of Sales, refer to F-2190, *Conditions of Sales* located on the Waterous web site at www.waterousco.com or by contacting Waterous.

Optional Equipment

- VENTURIS™ Priming System, see F-2940
- Priming System, see F-2418
- Pressure Control Systems:
 - Discharge Relief Valve, see F-897
 - Piloted Intake Relief Valve, see F-2192
 - Non-Piloted Intake Relief Valve, see F-2192-N
- Corrosion Protection – Zinc Intake Screens and Magnesium Anodes
- Overheat Protection Manager, see F-2422
- Drain Valves, see F-1158
- 3-1/2" Tank to Pump Valve
- Discharge Valves, see F-1161
- Seven-Year Limited Warranty w/Total Protection Package (TPP-5), see F-2626
- Tachometer drive, operates at 1/2 input shaft speed.
- Transmissions Available:
 - C22 Chain Drive (Split-Shaft)
 - P Series Chain Drive (PTO Driven)
 - K Series Gear Driven (PTO Driven)
 - T Series Gear Driven (Direct Engine)