

# 4000 SERIES PUMP

CONSORT, AB. TOC 1B0  
(403) 577-3825

## 4000 Series Pump Features:

6" T&E cast housing w/ inlet & outlet bored to 4"

6" Rubber or Steel gears

Nitrided housing available for pumping acid

Also available with T&E Oil Lubricating System, and as an outboard pump (please note that rubber geared pumps are not available as outboard pumps)

## Part Numbers

**108W** 6" T&E Cast Housing/Rubber Gears/Bushing Caps

**110W** 6" T&E Cast Housing/Steel Gears/Bushing Caps

**110WN** 6" T & E Cast Nitrided Housing/Steel Gears/Bushing Caps

## 4000 Series Pump Specs

**Flange Type:** Steel Weld Flanges

**Gear Type:** 6" helical cut, nitrided gear cut from 4140 HTSR Steel

## Horsepower Requirements:

Hydraulic Motor	Electric Motor
Up to 40 hp but effective @20-23	15-20 hp w/ 440 VFD

**Maximum Pump Pressure:** 125 PSI

**Maximum RPM:** 750 RPM for Steel Gears  
500 RPM for Rubber Gears

**Maximum Temperature:** 285 degrees F for Steel Gears  
40 degrees F for Rubber Gears

**Plumbing Requirements:** 3" hose & fittings



## FLOW RATES

Pump Gear Size	Litres/Min	m <sup>3</sup> /hour	RPM
5.850" x 6" Steel	241.9	14.51	100
	1209.5	72.57	500
	1451.4	87.1	600
	1814.2	108.8	750
6" Rubber Gears	900	54	500

\*all RPM measurements are at the pump