

T & E PUMPS LTD.

CAN PATENT #2309238
US PATENT #6309199

4000R SERIES PUMP

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

4000R (490) Series Pump Features:

Small body right angle T&E cast housing w/ 4" inlet & outlet
Steel gear pump also available with a nitrided housing for pumping acid

Part Number

114RW 4" T&E Cast Housing/Steel gears/Combo Caps

114RWN 4" T&E Cast Nitrided Housing /Steel gears /Combo caps

Also available with T&E Oil Lubricating System, and/or as an outboard pump

Also available 108R uses modified roper bypass endplate on rear (customer must provide bypass to retrofit)

490 Series Pump Specs

Flange Type: Steel Weld Flange

Gear Type: 7.5" helical cut, nitrided gear cut
from 4140 HTSR steel

Horsepower Requirement:

Hydraulic Motor	Electric Motor
Up to 40 hp but effective @ 20-25	15-20 hp w/ 440 VFD



Maximum Pump Pressure: 125 PSI

Maximum Temperature: 285 degrees F

Maximum RPM: 750 RPM at the pump

Plumbing Requirements: 3" hose & fittings

Pump Measurements:

Seal Type:

FLOWRATES

Pump Gear Size	Litres/Min	m ³ /hour	RPM
5.125" x 7.5"	208.2	12.5	100
	1041.0	62.5	500
	1249.2	75	600
* all RPM measurements are at the pump	1561.5	93.7	750