

Wheatley, 133T-4L (T140-4), Triplex, Plunger Pump

Pumps in this series

133T-4H (T140-2)

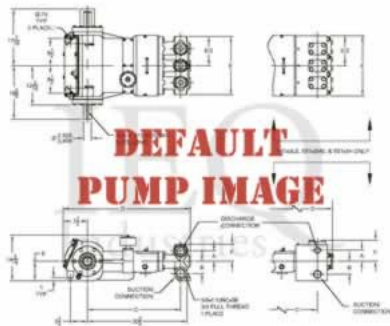
133T-4L (T140-4)

133T-4M (T140-3)

- 133 horsepower 4 1/2" stroke horizontal triplex single acting plunger pump
- Available in three fluid end materials
- Pump speeds up to 400 RPM
- Multiple gear reduction unit ratios

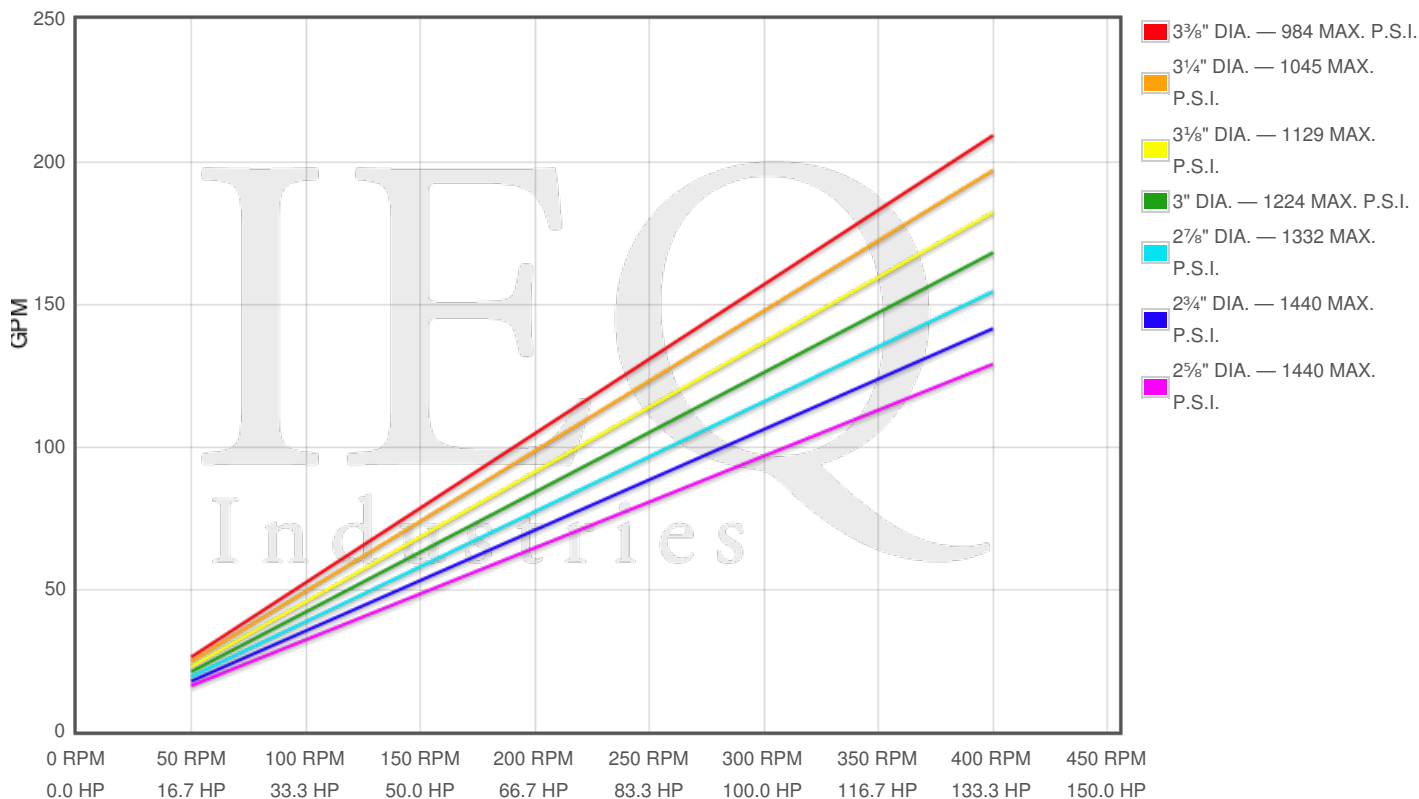
Specs

Spec	U.S. Standard
Type:	triplex
Minimum Plunger Diameter:	2 ⁵ / ₈ "
Maximum Plunger Diameter:	3 ³ / ₈ "
Stroke length:	4 ¹ / ₂ "
Maximum Working Pressure:	1,440 PSI
Rod/Piston Load:	8800lb
Gallons per Minute:	209.1
Barrels per Day:	7169
Brake Horse Power:	133.0



Pump Curves

Hover over Power Curves to reveal RPM and GPM



Performance Data Table

Pump	English Units					50 RPM		150 RPM		250 RPM		350 RPM		400 RPM	
	Plunger Dia. In.	Plunger Area Sq. In.	BPD per RPM	GPM per RPM	Max Press. PSI	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM	BPD	GPM
133T-4L T140-4	3.375	8.9462	17.926	0.5228	984	896	26	2689	78	4481	131	6274	183	7170	209
	3.275	8.4239	16.879	0.4923	1045	844	25	2532	74	4220	123	5908	172	6752	197
	3.150	7.7931	15.615	0.4554	1129	781	23	2342	68	3904	114	5465	159	6246	182
	3.025	7.1869	14.400	0.4200	1224	720	21	2160	63	3600	105	5040	147	5760	168
	2.900	6.6052	13.235	0.3860	1332	662	19	1985	58	3309	97	4632	135	5294	154
	2.775	6.0481	12.119	0.3535	1440	606	18	1818	53	3030	88	4242	124	4847	141
	2.650	5.5155	11.051	0.3223	1440	553	16	1658	48	2763	81	3868	113	4421	129

Features/Benefits

- Cast iron power frame

- Forged Steel Crankshaft
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Ductile iron connecting rods
- Minimum pump speed is 150 with standard power end construction
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- Stainless steel extension rods
- Internal pressure lubrication
- Alloy steel crosshead pins
- Rated rod load is 8800 lbs.
- Plungers - Solid Ceramic, or Tungsten coated
- Spherical suction and discharge valves
- Valve Seat & Valve Body: Nitronic 50
- Spring: Inconel
- Cage: 316L Stainless Steel
- Severe duty valves with inserts available

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