

Determining Right or Left Hand Shafts

Face the pump manifold when determining shaft position



Hollow Shaft Pumps

Left Handed



Right Handed



Left Handed



Solid Shaft Pumps

Right Handed



Pumps that rule any environment with HT technology!

- Features "high tech packing and "high temp" valve design.
- Withstand temperatures up to 185°F
- Can run dry for several HOURS without damaging the pump!
- Ideal for use in self-service car wash and carpet cleaning!



High temperature/Run Dry Seal Capability

- Superior Low & high Pressure Seals proprietary compound of teflon (PTFE) and graphite
- Stainless steel spring energized
- Dynamic low pressure seal retainer aligns to crankcase.
- Taper area reduces friction between retainer and plunger to allow for better drainage
- Innovative intermediate ring, raised area fills some of the space of the low pressure seal, which helps it energize faster in suction conditions.

Inlet/Outlet Valve Seal & Cage

- Teflon bronze support seal
- O-ring shaped on inside and outside diameter to make installation easier
- Flat surface on top and bottom
- 6 post cage design
- New high temp plastic

Nickel Plated Inlet/Outlet Valve Plugs

- Offers better corrosion protection
- Twice as thick and hard as competitors

HTS 2215 same RPM and flow as Cat 310 and 5CP2120

Part	Pump	GPM	PSI	RPM	Shaft	Inlet	Out	Wt
6881	HTS2215S	4.0/5.0	2300	950/1200	24mm	1/2" F	3/8" F	32 lb.

HTX series offers a compact and economical design

Part	Pump	GPM	PSI	RPM	Shaft	Inlet	Out	Wt.
6877	HTX1810S	2.7/3.1	2000	1450/1750	24mm	1/2" F	3/8" F	18 lb.
6882	HTX1812S	3.2/3.8	2000	1450/1750	24mm	1/2" F	3/8" F	18 lb.
6883	HTX1813S	3.5	2500	1450	24mm	1/2" F	3/8" F	18 lb.

Duplex Plunger Pumps

Electric Flange Hollow Shaft

Part	Pump	GPM	PSI	BHP	RPM	Shaft	Inlet	Out	Wt.
4741	T9721EBF	2.11	1500	2.0	1750	5/8"	1/2" F	3/8" F	16 lb.
5870	T9731EBF	2.85	1500	2.92	1750	5/8"	1/2" F	3/8" F	16 lb.



Solid Shaft

Part	Pump	GPM	PSI	BHP	GHP	RPM	Shaft	Inlet	Out	Wt.
1967	T9721	2.11	1000	1.5	2.5	1750	24mm	1/2" F	3/8" F	11 lb.
1968	T9731	2.85	1000	2.0	3.0	1750	24mm	1/2" F	3/8" F	11 lb.
1971	T721	2.20	1200	2.0	3.0	1450	24mm	1/2" F	3/8" F	11 lb.
1973	T731	3.0	1200	3.0	4.0	1450	24mm	1/2" F	3/8" F	11 lb.





Triplex Plunger Pumps Electric Flange Hollow Shaft



Part	Pump	Flange	GPM	PSI	BHP	RPM	Shaft	Inlet	Out	Wt.
5114	TT1505EBF	56C	0.5	1500	0.5	1750	5/8"	3/8"F	1/4"F	12 lb.
2918	T9051EBF	56C	2.10	1500	2.2	1750	5/8"	3/8"F	1/4"F	12 lb.
3058	TT9061EBF	56C	2.11	1500	2.2	3400	5/8"	3/8"F	1/4"F	12 lb.
3805	TT9071EBF	56C	2.80	1500	2.9	3400	5/8"	3/8"F	1/4"F	12 lb.
5688	TT2028EBF	56C	2.80	2000	5.0	3400	5/8"	3/8"F	1/4"F	12 lb.
6113	TT2028EBF	56C	2.80	2000	5.0	3400	3/4"	3/8"F	1/4"F	12 lb.
5147	TT2035EBF	56C	3.5	2000	5.0	3400	3/4"	3/8"F	1/4"F	12 lb.
3194	EZ2536E	184C	3.6	2500	6.0	1750	1-1/8"	1/2"F	3/8"F	19 lb.
3195	EZ2542E	184C	4.2	2500	7.2	1750	1-1/8"	1/2"F	3/8"F	19 lb.
3196	EZ2545E	184C	4.6	2500	7.8	3400	1-1/8"	1/2"F	3/8"F	19 lb.
3998	TC1507E34S	56C	3.0	2700	5.5	3400	5/8"	1/2"F	3/8"F	16 lb.

Gas Flange (SAE J609) Hollow Shaft



Part	Pump	GPM	PSI	GHP	RPM	Inlet	Out	Shaft	Wt.
3583	TT2028GBF	2.85	2000	5.0	3400	3/8"F	1/4"F	3/4"	12 lb
3073	TT2035GBF	3.5	2000	6.2	3400	3/8"F	1/4"F	3/4"	12 lb
6569	TP2530J34	3.0	2500	6.8	3400	3/8"F	1/4"F	3/4"	11 lb
6527	TX1505G6	2.0	3000	8.0	3400	1/2"F	3/8"F	3/4"	18 lb
6528	TX1508G8	3.0	3000	9.5	3400	1/2"F	3/8"F	1"	18 lb
3198	EZ3035G	3.5	3000	9.5	3400	1/2"F	3/8"F	1"	20 lb
6529	TX1510G8	4.0	3000	12.5	3400	1/2"F	3/8"F	1"	18 lb
3199	EZ3040G	4.0	3000	10.7	3400	1/2"F	3/8"F	1"	20 lb
5335	EZ3045G	4.6	3000	12.5	3400	1/2"F	3/8"F	1"	20 lb
5578	EZ3030G34	3.0	3200	9.0	3400	1/2"F	3/8"F	1"	20 lb
6586	EZ4035G34	3.5	4000	12.5	3400	1/2"F	3/8"F	1"	20 lb
6076	EZ4040G	4.0	4000	14.5	3400	1/2"F	3/8"F	1"	20 lb

Gear Reduced Pump

Part	Pump	GPM	PSI	GHP	RPM	Gear Drive	Wt.
5581	TS1511GR	4.0	3500	12.5	1450	YGR1000	32 lb

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Solid Shaft

24mm shaft, 3/8" FPT inlet, 1/4" FPT outlet Pump rails NOT included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
4461	TT9111	3.0	1500	3.0	4.0	1750	11 lb
1982	TT941	3.4	1500	3.5	4.5	2800	11 lb

24mm shaft, 1/2" FPT inlet, 3/8" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1977	T991	4.0	1100	3.0	4.0	1750	19 lb
5353	T991L	4.0	1100	3.0	4.0	1750	19 lb
1983	T9951	3.5	1500	3.0	4.0	1750	19 lb
1990	T921	5.0	1700	5.8	7.5	1050	30 lb
1989	TS1021	5.6	1700	6.4	8.5	1450	32 lb
1629	T9971	4.0	2000	5.5	7.0	1750	19 lb
5379	T9971L	4.0	2000	5.5	7.0	1750	19 lb
5107	TS1331	3.5	2000	5.5	7.0	1450	30 lb
1994	TS1011	4.0	2000	5.4	7.0	1450	30 lb
1992	T1011	4.5	2000	6.0	8.0	1125	30 lb
5068	T1011L	4.5	2000	6.0	8.0	1125	30 lb
1996	TS1321	5.5	2100	7.9	10.5	1150	32 lb
1997	T1321	5.5	2100	7.9	10.5	1150	32 lb
2001	T19351	3.5	2500	6.0	8.0	3400	19 lb
2003	T19441	4.4	2500	7.5	10.0	3400	19 lb
3020	EZS42S	4.6	2500	8.0	11.0	1750	18 lb
2005	TS1621	4.7	2500	8.0	10.5	1450	33 lb
2006	T1621	5.0	2500	8.5	11.0	1050	33 lb
2008	TS1711	3.5	2700	6.4	8.5	1450	32 lb
2009	T9211	4.0	2900	7.5	10.0	1750	33 lb
6526	TX1512S17	2.6	3000	5.0	8.0	1750	19 lb
6525	TX1812S17	3.2/3.8	3000	5.0	7.0	1450/1750	19 lb
4363	TX1510S34	4.0	3000	5.0	7.0	3400	19 lb
3203	EZ3040S	4.0	3000	8.2	10.7	3400	18 lb
4715	EZ3042S	4.2	3000	8.5	11.5	1750	18 lb
6226	TSF2219	7.7/9.3	3000	19.0	25.0	1450/1750	41 lb
6412	TSF2221	8.5/10.2	3000	21.0	27.5	1450/1750	41 lb
2002	TS1511	4.0	3500	9.5	12.5	1450	32 lb
2010	TS2011	4.0	3500	9.5	12.5	1450	33 lb
4349	TS1811	4.5	3500	9.5	12.5	1450	32 lb
2012	TS2021	5.6	3500	13.5	17.5	1450	33 lb
2772	TS2021L	5.6	3500	13.5	17.5	1450	33 lb
6220	TSF2019	6.3/7.6	3600	18.7	25.0	1450/1750	41 lb
6218	TSF2021	7.0/8.5	3600	21.0	27.3	1450/1750	41 lb
4351	TSF2021L	7.0/8.5	3600	21.0	27.3	1450/1750	41 lb



T991



TS1011



TX Series



TS2021

General Pumps

Solid Shaft



24mm shaft, 1/2" FPT inlet, 3/8" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
2013	T9281	4.0	4000	11.0	14.5	1750	33 lb
4905	TS050	5.0	5000	17.0	22.0	1450	41 lb
4355	TSP1819	5.0	5100	17.0	22.0	1450	52 lb



35mm Shaft 3/4" FPT inlet, 3/8" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1974	T41	12.0	900	7.5	10.0	650	37 lb
1986	TS1041	8.0	1600	7.5	10.0	1450	46 lb
1998	TS1531	7.9	2175	10.0	13.0	1450	46 lb



35mm shaft, 1" FPT inlet, 1/2" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1999	T1551	13.2	2175	20.0	26.0	1000	99 lb
2014	T4251	6.6	5800	25.0	32.5	1000	101 lb

35mm shaft, 1" FPT inlet, 3/4" FPT outlet Pump rails included

Part	Pump	GPM	PSI	BHP	GHP	RPM	Wt.
1975	T61	17.0	1000	11.8	15.0	650	92 lb
1976	T81	21.0	1000	14.5	19.0	650	92 lb

Series 48 Dual Manifold High Flow

Dual manifolds utilizing a common crankcase for efficient performance



Part	Pump	GPM	PSI	BHP	Inlet	Outlet	Shaft	RPM	Wt.
3059	T2031	9.0	3000	18.2	3/4" FPT	3/8" FPT	32mm	1140	61 lb

Self Service Car Wash Pumps



Part	Pump	GPM	PSI	BHP	RPM	Inlet	Outlet	Shaft	Wt.
3105	CW2004	4.0	2000	6.8	1750	1/4" FPT	3/8" FPT	24mm	30 lb
3107	CW2040	5.0	2500	8.50	1250	1/4" FPT	3/8" FPT	24mm	30 lb
3108	CW3040	5.0	3000	10.3	1250	1/4" FPT	3/8" FPT	24mm	32 lb

Touch less Car Wash Pump

Dual manifolds utilizing a common crankcase for efficient performance



Part	Pump	GPM	PSI	BHP	RPM	Inlet	Outlet	Shaft	Wt.
3109	CW1541	41.0	1200	33.7	1000	1" FPT	3/4" FPT	35mm	157 lb

2 Gun Conveyor & Tunnel Car Wash Pump



Part	Pump	GPM	PSI	BHP	RPM	Inlet	Outlet	Shaft	Wt.
4537	CW1012	12.0	1000	8.2	900	3/4" FPT	3/8" FPT	35mm	36 lb

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General Pump Kit Chart

Pump	Valves	Piston Oil Seal	Packings	Packings w/brass	Pistons	Valve Caps	Piston bolts	Crank Oil Seal
CW1012	Kit 62	Kit 37	Kit 113	Kit 67	69040109	98231200	Kit 74	Kit 32
CW2004	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW2040	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW3040	Kit 1	Kit 2	Kit 969	Kit 9101A	47040409	Kit 4	Kit 6	Kit 3
CW1541	Kit 943	Kit 44	Kit 100564	Kit 100463	69040009	98242000	Kit 74	Kit 32
EZ2536E	Kit 123	Kit 23	Kit 127	Kit 131	44040109	Kit 124	99317500	90169000
EZ2542E	Kit 123	Kit 23	Kit 127	Kit 131	44040109	Kit 124	99317500	90169000
EZ2545E	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
EZ3035G	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
EZ3040G	Kit 123	Kit 23	Kit 88	Kit 130	52040009	Kit 124	99317500	90169000
HTS2215S	Kit 201	Kit 2	Kit 202	Kit 203	47040509	Kit 5	Kit 6	90164800
HTX1810S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158	99319200	90164100
HTX1812S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158	99319200	90164100
HTX1813S	Kit 123	Kit 159	Kit 204	Kit 205	44040109	Kit 158	99319200	90164100
T41	Kit 62	Kit 37	Kit 38	Kit 39	69040009	69218022	69219566	Kit 32
T61	Kit 43	Kit 44	Kit 79	Kit 80	76040209	98242000	69219566	Kit 32
T81	Kit 43	Kit 44	Kit 79	Kit 80	76040209	98242000	69219566	Kit 32
T1011	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
T1321	Kit 1	Kit 2	Kit 12	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T150SEBF	Kit 1	90156500	Kit 141	Kit 140	51080370	98221800	99194300	90164400
T1551	Kit 43	Kit 44	Kit 113	Kit 115	76040056	98242000	Kit 74	Kit 32
T1621	Kit 1	Kit 2	Kit 12	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T2031	Kit 1	Kit 24	Kit 69	Kit 28	47070409	Kit 4	Kit 6	90167000
T4251	Kit 122	90167000	Kit 77	Kit 78	61040056	61218241	61219566	Kit 32
T5050	Kit 150	Kit 2	Kit 109	Kit 151	47040856	47210170	47219666	Kit 3
T721	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T731	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T905IEBF	Kit 1	Kit 83	Kit 97	Kit 96	51040009	Kit 84	99194300	90164400
T921	Kit 1	Kit 2	Kit 12	Kit 29	47040509	Kit 4	Kit 6	Kit 3
T9211	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 5	Kit 6	Kit 3
T9281	Kit 1	Kit 2	Kit 109	Kit 112	47040856	Kit 106	Kit 107	Kit 3
T9721	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9731	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9791	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T991	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9951	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
T9971	Kit 1	Kit 23	Kit 19	Kit 27	50040409	Kit 4	Kit 6	90163400
TC1507E345	Kit 123	Kit 83	Kit 196	Kit 226	60040009	98221400	99175000	90167500
TP2530J34	Kit 123	Kit 83	Kit 97	Kit 96	51040009	98221600	99194300	90164400
TS1011	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1021	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1041	Kit 62	Kit 37	Kit 8 or 69	Kit 82	47040409	98231200	Kit 54	Kit 32
TS1321	Kit 1	Kit 2	Kit 12	Kit 29	47040509	Kit 4	Kit 6	Kit 3
TS1511	Kit 1	Kit 2	Kit 8 or 69	Kit 28	47040409	Kit 4	Kit 6	Kit 3
TS1531	Kit 62	Kit 37	Kit 8 or 69	Kit 82	47040409	98231200	Kit 54	Kit 3
TS1621	Kit 1	Kit 2	Kit 12	Kit 29	47040509	Kit 5	Kit 6	Kit 3

General Pumps