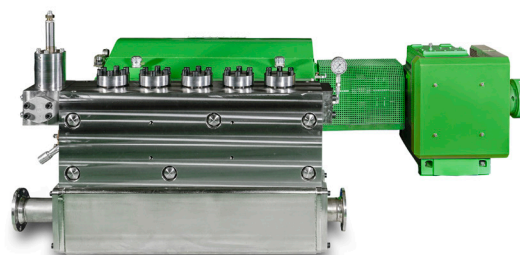
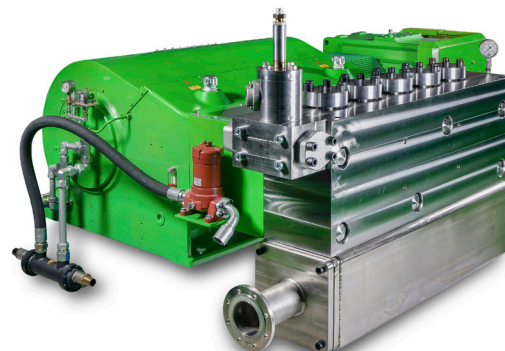


## K150000-5G Triplex Plunger Pump

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- ◆ Flow rate is based on 100% volumetric efficiency and 68° F (20° C) ambient temperature.
- ◆ Depending on fluid medium, a minimum inlet pressure is required.
- ◆ Depending on rod loading, speed range = 10-100%.
- ◆ Crankshaft dynamically balanced
- ◆ Gear with external force-fed lubrication with oil cooling.
- ◆ Standard Gear Ratios:  $i = 4.76, 5.72$  and  $6.35$
- ◆ Weight: 16,535 lbs (7500 kg)
- ◆ API 674 specifications (maximum 310 RPM) and vertical operation available upon request.
- ◆ Contact your local distributor or Giant Industries for use with special mediums. i.e. seawater, glycol, methanol, oil, etc.



Rated Speed 320 RPM			Pressure at specific power inputs								Pump Head Style		
Type	FLOW		1006 Hp	750 kW	1341 Hp	1000 kW	1676 Hp	1250 kW	2012 Hp	1500 kW	A	M	M2
	GPM	L/min	PSI	Bar	PSI	Bar	PSI	Bar	PSI	Bar			
150028	49.4	187	30821	2125	41119	2835	50764	3500	-----	-----	1		
150030	56.8	215	26832	1850	35825	2470	44745	3085	50764	3500	1		
150032	64.5	244	23569	1625	31474	2170	39306	2710	46340	3195	1		
150036	81.6	309	18638	1285	24874	1715	31039	2140	36623	2525	1		
150040	100.9	382	15084	1040	20161	1390	25164	1735	29661	2045	1		
150045	127.6	483	11966	825	15882	1095	19870	1370	23424	1615	1		
150050	157.7	597	9645	665	12909	890	16099	1110	19000	1310	2		
150055	190.7	722	7977	550	10660	735	13344	920	15664	1080	2		
150060	226.9	859	6744	465	8920	615	11168	770	13199	910	2	1	
150065	266.3	1008	5729	395	7615	525	9500	655	11241	775	2	1	
150070	308.8	1169	4931	340	6599	455	8195	565	9718	670	2	1	
150075	354.5	1342	4279	295	5729	395	7179	495	8412	580	2	1	
150080	403.4	1527	3771	260	5004	345	6309	435	7397	510			1
150085	455.4	1724	3336	230	4424	305	5584	385	6599	455			1
150090	510.7	1933	2973	205	3989	275	5004	345	5874	405			1
150095	569.0	2154	2683	185	3553	245	4496	310	5294	365			1
150100	630.3	2386	2393	165	3191	220	4061	280	4714	325			2
150110	762.9	2888	2031	140	2683	185	3336	230	3916	270			2
150120	833.7	3156	1813	125	2466	170	3046	210	3626	250			2
150130	907.7	3436	1668	115	2248	155	2828	195	3263	225			2
150140	1235.5	4677	1233	85	1668	115	2031	140	2393	165			2



**WARNING:** This product might contain a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.  
For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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Technical drawings of the 1000 Series 3-Phase Motor, showing dimensions in mm (inches) in parentheses.

**Isometric View:** Shows the motor assembly with dimensions: 51.5 (1309) for the main body length, 3.9 (100) for the mounting bracket height, 3.9 M24 36 deep for the mounting hole, 2.0 (50) for the mounting bracket thickness, 2.0 (50) for the mounting bracket width, 6.1 (155) for the discharge port diameter, 6.1 (155) for the suction port diameter, Discharge Ø70 mm, Suction Ø300 mm, and M20 20 deep for the mounting hole.

**Front View:** Shows the motor assembly with dimensions: 18.9 (480) for the total height, 17.2 (436) for the mounting bracket height, 51.5 (1309) for the main body length, 7.2 (1960) for the total length, 6.1 (155) for the discharge port diameter, 6.1 (155) for the suction port diameter, and 8.7 (220) for the mounting bracket width.

**Side View:** Shows the motor assembly with dimensions: 51.5 (1309) for the main body length, 7.2 (1960) for the total length, 6.1 (155) for the discharge port diameter, 6.1 (155) for the suction port diameter, and 8.7 (220) for the mounting bracket width.

**Top View:** Shows the motor assembly with dimensions: 98.4 (2500) for the total width, 15.7 (398) for the mounting bracket height, 5.9 (150) for the mounting bracket thickness, 2.0 (50) for the mounting bracket width, 1.4 (35) for the mounting bracket depth, 21.0 (532.5) for the mounting bracket width, 11.6 (295) for the mounting bracket depth, 21.0 (532.5) for the mounting bracket width, and 61.4 (1560) for the total length.

**Key:** DIN 6885 AS 28x16x180

01/23 K150000-5G.INDD