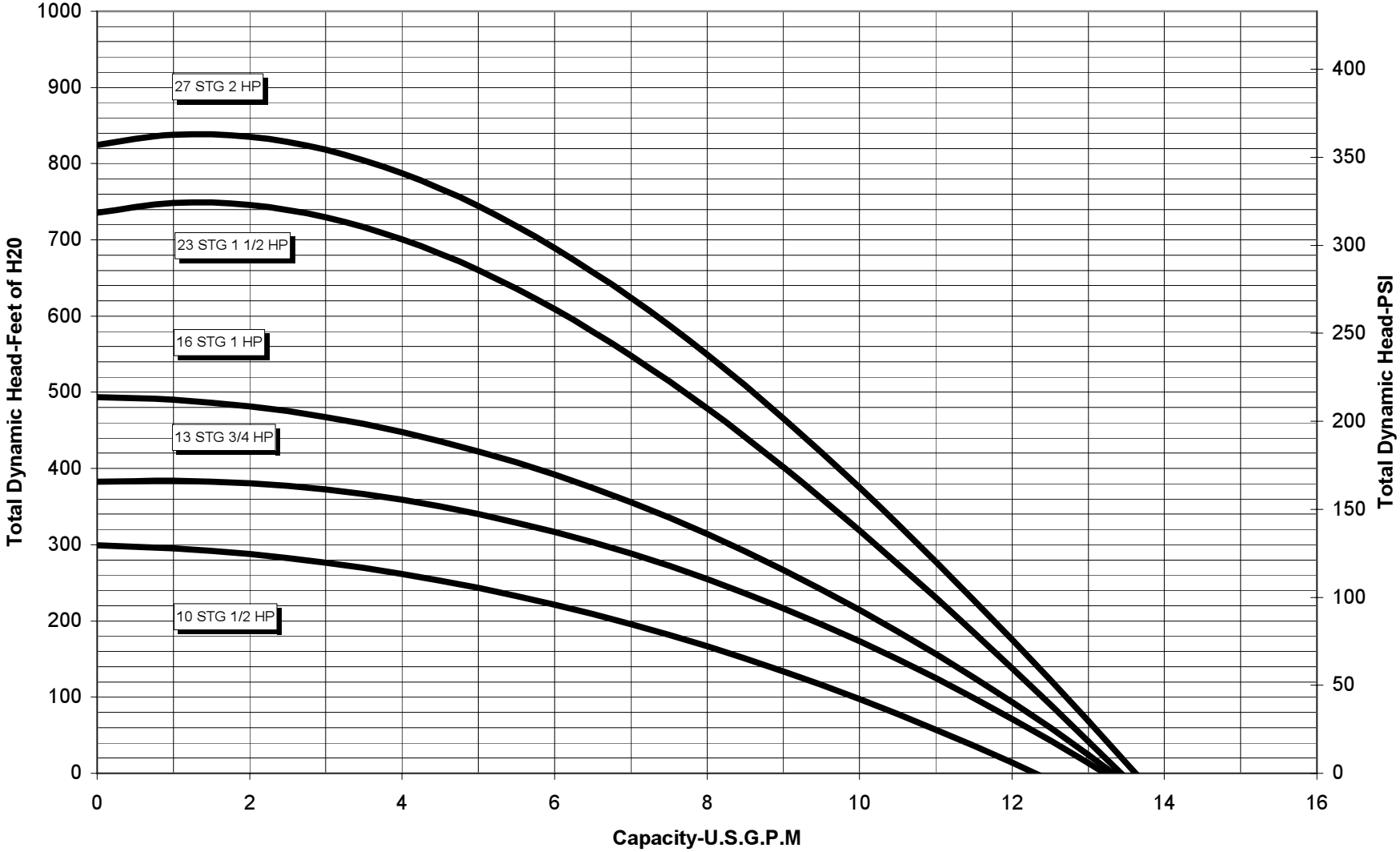
Dynaflo 7 GPM Series Pump Curves



7 GPM -1/2 to 2 HP
Minimum Well Size 4" I.D. - 1-1/4" Discharge

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet 20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	500	540	620	700	800	900	Shut Off Pressure PSI	Shut Off Head Feet
							Capacity in U.S. Gallons per Minute																									
41804	WG7DA5T	115/1	½	3	10	0	11.8	11.4	11.0	10.4	9.9	9.4	8.8	8.2	7.6	6.9	6.0	5.1	4.1	2.7											129	299
41805	WG7DD5T	230/1		3		20	10.7	10.2	9.6	9.1	8.5	7.9	7.2	6.5	5.6	4.6	3.5	1.6														
41823	WG7AA5T	115/1		2		30	10.2	9.6	9.1	8.5	7.9	7.2	6.5	5.6	4.6	3.5	1.6															
41824	WG7AD5T	230/1		2		40	9.6	9.1	8.5	7.9	7.2	6.5	5.6	4.6	3.5	1.6																
41842	WG7DA5S	115/1		3		50	8.8	8.2	7.6	6.9	6.0	5.1	4.1	2.7																		
41843	WG7DD5S	230/1		3		60	8.2	7.6	6.9	6.0	5.1	4.1	2.7																			
41887	WG7AA5S	115/1		2		Shut-Off PSI	121	112	103	95	86	77	69	60	52	43	34	26	17	8												
41888	WG7AD5S	230/1		2																												

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet 20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	500	540	620	700	800	900	Shut Off Pressure PSI	Shut Off Head Feet
							Capacity in U.S. Gallons per Minute																									
41806	WG7DD7T	230/1	¾	3	13	0			12.1	11.8	11.5	11.2	10.8	10.4	10.0	9.5	9.0	8.5	7.9	7.3	6.5	4.7	1.7								167	386
41825	WG7AD7T			2		20	12.0	11.7	11.3	11.0	10.6	10.2	9.7	9.2	8.7	8.2	7.6	6.9	6.1	5.3	4.2											
41844	WG7DD7S			3		30	11.7	11.3	11.0	10.6	10.2	9.7	9.2	8.7	8.2	7.6	6.9	6.1	5.3	4.2	3.0											
41889	WG7AD7S			2		40	11.3	11.0	10.6	10.2	9.7	9.2	8.7	8.2	7.6	6.9	6.1	5.3	4.2	3.0												
						50	10.8	10.4	10.0	9.5	9.0	8.5	7.9	7.3	6.5	5.7	4,7	3.6	1.7													
						60	10.4	10.0	9.5	9.0	8.5	7.9	7.3	6.5	5.7	4.7	3.6	1.7														
						Shut-Off PSI	158	150	141	132	124	115	106	98	89	81	72	63	55	46	37	20	3									

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet 20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	500	540	620	700	800	900	Shut Off Pressure PSI	Shut Off Head Feet
							Capacity in U.S. Gallons per Minute																									
41807	WG7DD10T	230/1	1	3	16	0				12.2	11.9	11.6	11.3	11.0	10.6	10.3	10.0	9.6	9.2	8.7	8.3	7.4	6.4	5.1							214	495
41826	WG7AD10T			2		20	12.3	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.4	8.9	8.5	8.1	7.6	7.2	6.1	4.7	0.6								
41845	WG7DD10S			3		30	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.4	8.9	8.5	8.1	7.6	7.2	6.6	5.4	3.8	0.5								
41890	WG7AD10S			2		40	11.7	11.4	11.1	10.8	10.5	10.1	9.7	9.4	8.9	8.5	8.1	7.6	7.2	6.6	6.1	5.3	2.6									
						50	11.3	11.0	10.6	10.3	10.0	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.4	5.8	5.1	3.3									
						60	11.0	10.6	10.3	10.0	9.6	9.2	8.7	8.3	7.9	7.4	6.9	6.4	5.8	5.1	4.3	1.6									
						Shut-Off PSI	206	197	188	180	171	162	154	145	136	128	119	110	102	93	84	67	50	32								

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet 20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	500	540	620	700	800	900	Shut Off Pressure PSI	Shut Off Head Feet
							Capacity in U.S. Gallons per Minute																									
41846	WG7DD15S	230/1	1½	3	23	0					12.4	12.2	12.0	11.7	11.5	11.3	11.1	10.8	10.6	10.4	10.2	9.8	9.3	8.9	7.8	7.2	5.9	2.6			319	736
41891	WG7AD15S			2		20			12.3	12.1	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.1	9.8	9.6	9.2	8.7	8.2	7.1	6.5	4.4					
						30		12.3	12.1	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.0	8.5	7.9	6.8	6.1	3.3					
						40	12.3	12.1	11.8	11.6	11.4	11.2	11.0	10.7	10.5	10.3	10.1	9.8	9.6	9.4	9.2	8.7	8.2	7.7	6.5	6.0	1.8					
						50	12.0	11.7	11.5	11.3	11.1	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.1	8.9	8.4	7.8	7.2	5.9	4.8					
						60	11.7	11.5	11.3	11.1	10.8	10.6	10.4	10.2	10.0	9.8	9.5	9.3	9.1	8.9	8.6	8.1	7.5	7.0	5.4	3.9					
						Shut-Off PSI	310	301	293	284	275	267	258	249	241	232	223	215	206	197	189	171	154	137	102	85	50	16				

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet 20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	500	540	620	700	800	900	Shut Off Pressure PSI	Shut Off Head Feet
							Capacity in U.S. Gallons per Minute																									
41847	WG7DD20S	230/1	2	3	27	0						12.6	12.4	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.3	9.9	9.5	8.7	8.2	7.3	5.7	1.2		357	824
						20				12.5	12.3	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	9.8	9.6	9.0	8.1	7.6	6.5	3.7				
						30			12.5	12.3	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.6	9.2	8.8	7.9	7.4	5.9	2.7				
						40		12.5	12.3	12.0	11.8	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.4	9.0	8.5	7.6	7.1	5.4	1.6				
						50	12.4	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.1	8.7	8.2	7.3	6.6	4.1	0.2				
						60	12.1	11.9	11.7	11.5	11.3	11.1	10.9	10.7	10.5	10.3	10.1	9.9	9.7	9.5	9.3	8.9	8.4	8.0	7.0	6.2	3.2				
						Shut-Off PSI	348	339	331	322	313	305	296	287	279	270	261	253	244	235	227	210	192	175	140	123	88	54	10			