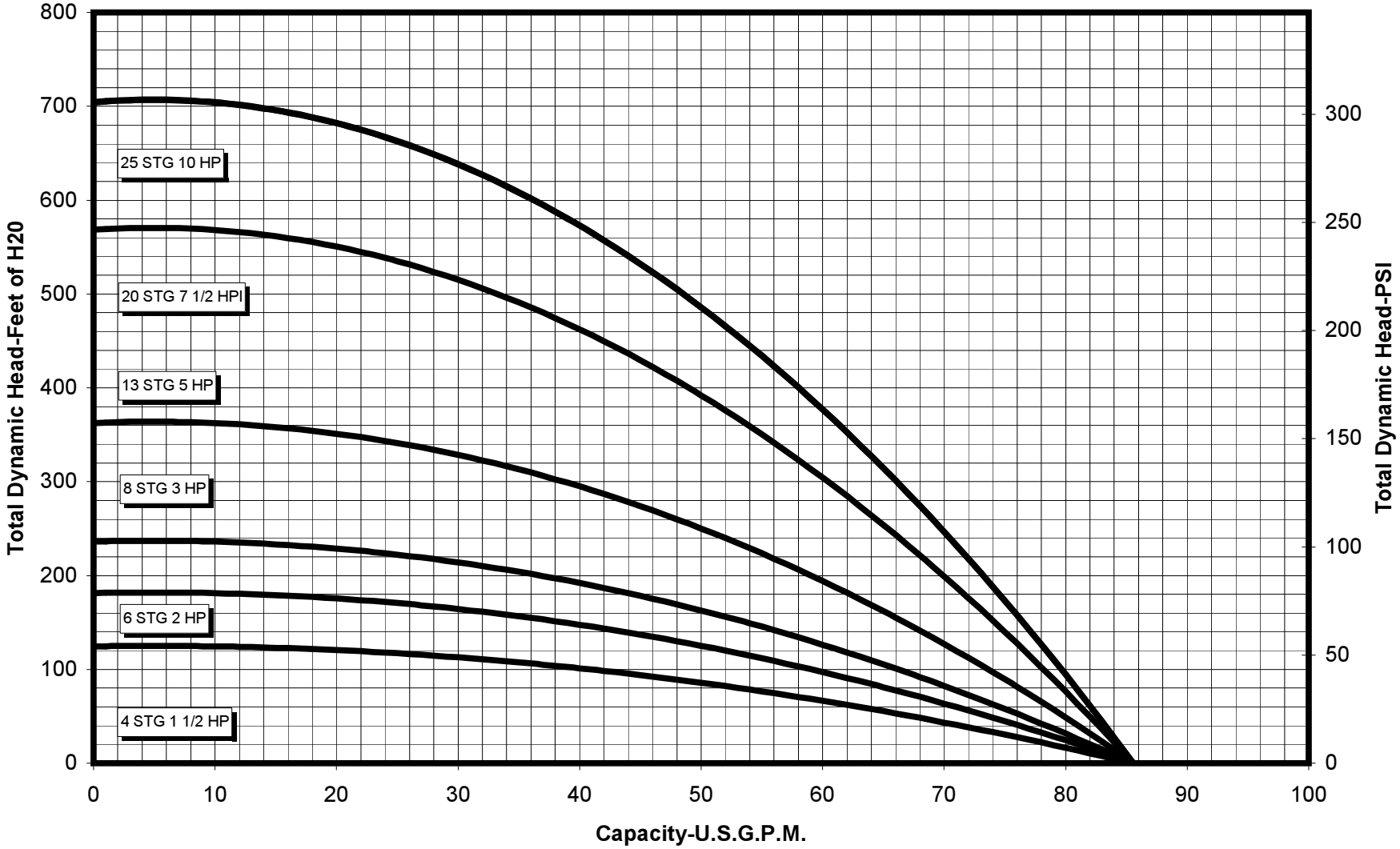
Dynaflo 50 GPM Series Pump Curves



50 GPM -1.5 to 10 HP
Minimum Well Size 4" I.D. - 2" Discharge

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41872	WG50DD15S	230/1	1½	3	4	0	-	71.2	64.0	55.0	41.0	18.0																						55	127
41905	WG50AD15S			2		20	69.3	51.0	36.0	1.0																									
						30	48.8	32.4																											
						40	31.0																												
						50																													
						60																													
						Shut-Off PSI	46	38	29	20	12	3																							

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41873	WG50DD20S	230/1	2	3	6	0	-	73.1	69.0	63.0	56.2	50.0	41.0	28.0	6.0																			80	185
						20	67.8	61.0	54.7	47.6	37.7	23.0																							
						30	59.5	53.6	46.0	35.0	18.0																								
						40	53.0	45.2	34.3	17.0																									
						50	43.0	31.0	11.0																										
						60																													
						Shut-Off PSI	71	63	54	45	37	28	19	11	2																				

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41874	WG50DD30S	230/1	3	3	8	0	-	74.5	71.9	69.0	65.0	59.5	54.0	48.4	42.5	35.3	19.5																	104	241
						20	70.9	67.6	63.2	58.0	52.4	46.8	40.2	30.0	14.0																				
						30	67.0	62.3	57.6	51.1	45.5	39.0	27.9	9.8																					
						40	62.0	57.1	50.7	45.0	38.5	27.0	9.0																						
						50	55.0	49.5	43.7	37.5	23.0																								
						60	48.4	42.5	35.3	19.5																									
						Shut-Off PSI	96	87	78	70	61	52	44	35	26	18	9																		

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41875	WG50DD50S	230/1	5	3	13	0				75.0	73.0	71.0	68.4	65.9	63.0	60.0	56.9	53.1	49.2	44.6	39.0	22.0													160	370
						20		74.2	72.2	69.9	67.4	64.7	61.7	58.7	55.2	52.2	48.0	43.5	37.1	29.0	19.0														
						30	74.0	72.0	69.7	67.2	64.5	61.5	58.5	55.0	51.2	46.9	41.8	35.7	27.0	16.3															
						40	71.8	69.5	67.0	64.3	61.3	58.3	54.8	51.0	46.7	41.6	35.5	26.8	16.1																
						50	69.0	66.6	63.6	60.4	57.3	54.0	50.0	45.9	40.0	33.2	24.1	12.0																	
						60	65.9	63.0	60.0	56.9	53.1	49.2	44.6	39.0	31.5	22.0	9.0																		
						Shut-Off PSI	152	143	134	126	117	108	100	91	82	74	65	56	48	39	30	13													

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41907	WG50DD75S	230/3	7½	3	20	0							74.1	72.9	71.5	70.0	68.3	66.7	65.0	63.2	61.4	57.2	51.5	47.4	41.0	32.0	22.0							251	580
						20					73.8	72.6	71.2	69.6	67.9	66.3	64.6	62.8	61.0	59.0	56.7	51.4	46.7	39.9	30.0	17.5									
						30				73.5	72.2	70.8	69.2	67.5	65.9	64.1	62.3	60.5	58.4	56.1	54.0	48.8	42.7	34.5	15.5	5.5									
						40			73.3	72.0	70.6	69.0	67.3	65.7	63.9	62.1	60.3	58.2	55.9	53.8	51.2	42.5	38.6	28.2	14.0										
						50		73.2	71.9	70.4	68.8	67.1	65.5	63.7	61.9	60.0	57.8	55.6	52.8	50.8	48.1	41.9	33.0	21.0	2.2										
						60	74.1	72.9	71.5	70.0	68.3	66.7	65.0	63.2	59.5	57.2	55.0	51.5	50.1	47.4	44.3	37.0	26.2	10.5											
						Shut-Off PSI	242	234	225	216	208	199	190	182	173	165	156	147	139	130	121	104	87	69	52	35	17								

Product No.	Model No.	Voltage/Phase	HP	Wire	Stg.	Discharge Pressure PSI	Pumping Depth Feet																									Shut Off Pressure PSI	Shut Off Head Feet
							20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	800	900		
							Capacity in U.S. Gallons per Minute																												
41908	WG50DD100S	230/3	10	3	25	0								74.9	73.8	72.8	71.6	70.5	69.1	67.9	66.5	63.8	60.7	57.5	54.0	50.0	45.0	39.5	32.0	22.3	8.5			311	719
						20						74.6	73.5	73.0	71.2	70.0	68.7	67.4	66.1	64.7	63.3	60.2	57.1	53.5	49.4	44.4	38.7	31.0	41.7	6.0					
						30					74.4	73.3	72.8	71.0	69.8	68.5	67.2	65.9	64.5	63.1	61.5	56.6	54.9	51.0	46.3	41.0	34.0	25.0	12.5						
						40				74.2	73.1	72.6	70.8	69.6	68.3	67.0	65.7	64.3	63.0	61.4	59.8	56.4	52.8	48.6	43.6	37.6	29.8	19.2	3.0						
						50			74.1	73.1	71.9	70.8	69.5	68.2	66.9	65.6	64.2	62.7	61.1	59.6	58.0	54,5	50.5	45.7	40.3	33.0	23.7	10.0							
						60	74.9	73.8	72.8	71.6	70.5	69.1	67.9	66.5	65.2	63.8	62.3	60.7	59.2	57.5	55.7	52.0	47.5	42.5	36.0	27.3	16.0							
						Shut-Off PSI	303	294	285	277	268	259	251	242	233	225	216	207	199	190	181	164	147	129	112	95	77	60	43	26	8					