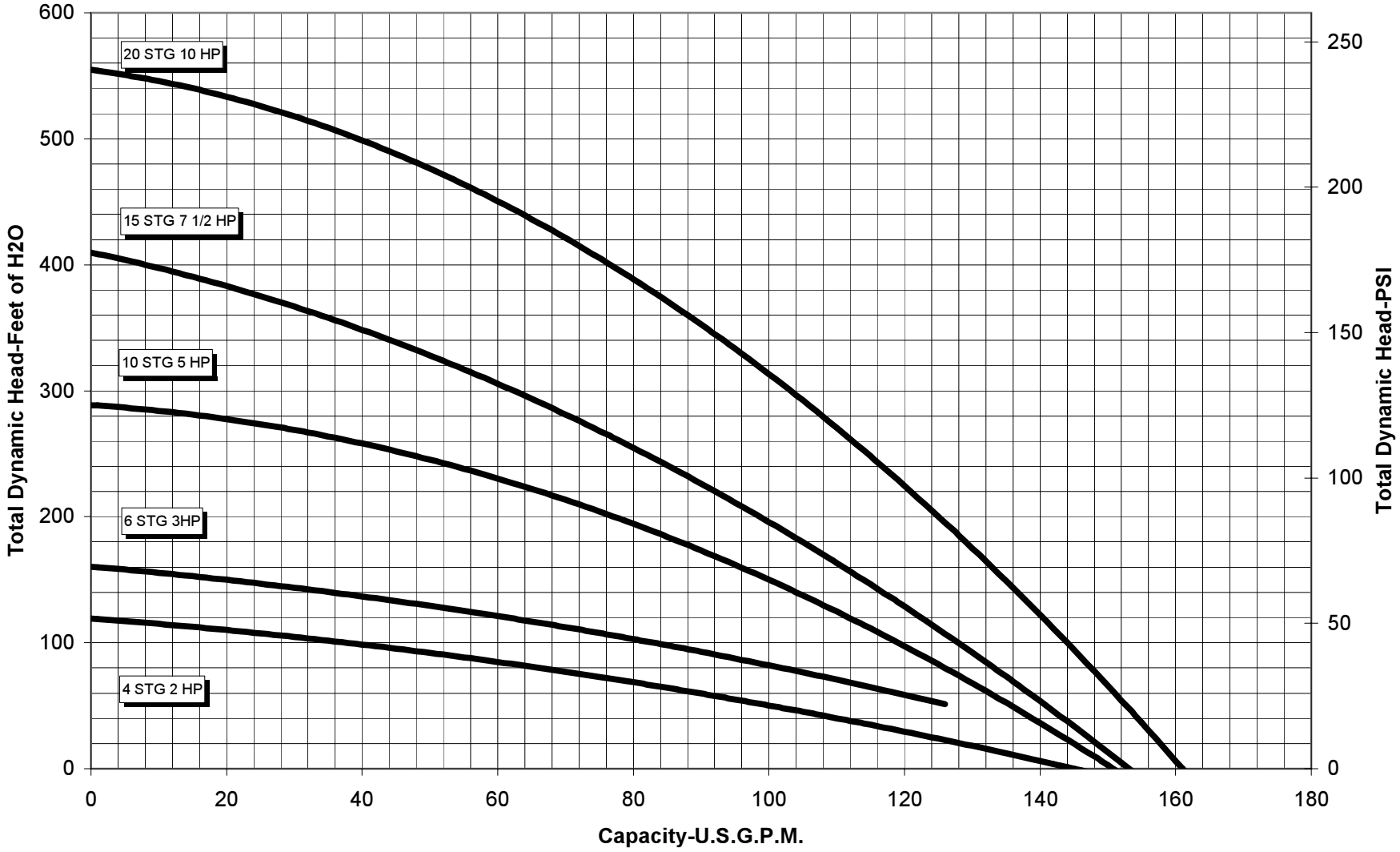
Dynaflo 85 GPM Series Pump Curves



85 GPM -2 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	620	700	800	900		
							Capacity in U.S. Gallons per Minute																										
41878	WG85DD20S	230/1	2	3	4	0	-	-	89.0	68.0	36.0																					52	120
						20	84.0	58.0	26.0																								
						30	51.0	19.0																									
						40	16.0																										
						50																											
						60																											
						Shut-Off PSI	43	35	26	17	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	620	700	800	900		
							Capacity in U.S. Gallons per Minute																										
41879	WG85DD30S	230/1	3	3	6	0	-	-	118.0	100.0	82.0	61.0	36.0																			69	160
						20	113.0	95.0	77.0	55.0	27.0																						
						30	91.0	73.0	50.0	21.0																							
						40	70.0	47.0	16.0																								
						50	44.0	10.0																									
						60	4.0																										
						Shut-Off PSI	61	52	43	35	26	17	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	620	700	800	900		
							Capacity in U.S. Gallons per Minute																										
41880	WG85DD50S	230/1	5	3	10	0	-	-	132.0	124.0	117.0	110.0	102.0	95.0	87.0	79.0	68.0	54.0	36.0	14.0												126	290
						20	130.0	122.0	115.0	107.0	100.0	93.0	85.0	76.0	65.0	49.0	30.0	6.0															
						30	121.0	113.0	106.0	98.0	91.0	83.0	74.0	62.0	45.0	26.0																	
						40	112.0	105.0	97.0	90.0	82.0	73.0	61.0	43.0	23.0																		
						50	104.0	96.0	88.0	80.0	71.0	58.0	40.0	19.0																			
						60	95.0	88.0	80.0	70.0	56.0	37.0	17.0																				
						Shut-Off PSI	117	108	100	91	82	74	65	56	48	39	30	22	13	4													

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	620	700	800	900		
							Capacity in U.S. Gallons per Minute																										
41909	WG85DD75S	230/3	7½	3	15	0			140.0	134.0	127.0	121.0	115.0	109.0	103.0	97.0	90.0	84.0	77.0	70.0	63.0	47.0	24.0									175	405
						20	138.0	132.0	125.0	120.0	114.0	107.0	101.0	95.0	89.0	82.0	75.0	69.0	61.0	53.0	45.0	9.0											
						30	130.0	124.0	118.0	112.0	116.0	100.0	94.0	87.0	80.0	74.0	67.0	59.0	51.0	43.0	32.0												
						40	123.0	117.0	111.0	105.0	99.0	93.0	86.0	79.0	73.0	65.0	58.0	50.0	41.0	30.0	12.0												
						50	116.0	110.0	104.0	98.0	92.0	85.0	78.0	72.0	64.0	57.0	49.0	40.0	27.0	9.0													
						60	110.0	104.0	98.0	91.0	85.0	78.0	71.0	64.0	56.0	48.0	39.0	26.0	8.0														
						Shut-Off PSI	167	158	149	141	132	123	115	106	97	89	80	71	63	54	45	28	11										

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	620	700	800	900		
							Capacity in U.S. Gallons per Minute																										
41910	WG85DD100S	230/3	10	3	20	0						138.0	135.0	133.0	130.0	127.0	123.0	119.0	115.0	110.0	106.0	96.0	84.0	70.0	53.0	35.0	13.0					244	563
						20				137.0	135.0	132.0	129.0	126.0	122.0	118.0	113.0	109.0	104.0	99.0	94.0	81.0	67.0	50.0	32.0	10.0							
						30		140.0	137.0	134.0	131.0	128.0	125.0	121.0	117.0	113.0	108.0	103.0	99.0	93.0	87.0	74.0	58.0	40.0	20.0								
						40	139.0	136.0	134.0	131.0	128.0	124.0	120.0	116.0	112.0	107.0	102.0	97.0	92.0	86.0	79.0	64.0	47.0	28.0	6.0							
						50	136.0	134.0	131.0	127.0	124.0	120.0	115.0	111.0	107.0	102.0	97.0	91.0	85.0	78.0	71.0	54.0	37.0	16.0								
						60	133.0	130.0	127.0	123.0	119.0	115.0	110.0	106.0	101.0	96.0	90.0	84.0	77.0	70.0	61.0	45.0	25.0	2.0								
						Shut-Off PSI	235	226	218	209	200	192	183	174	166	157	148	140	131	123	114	97	79	62	45	27	10						