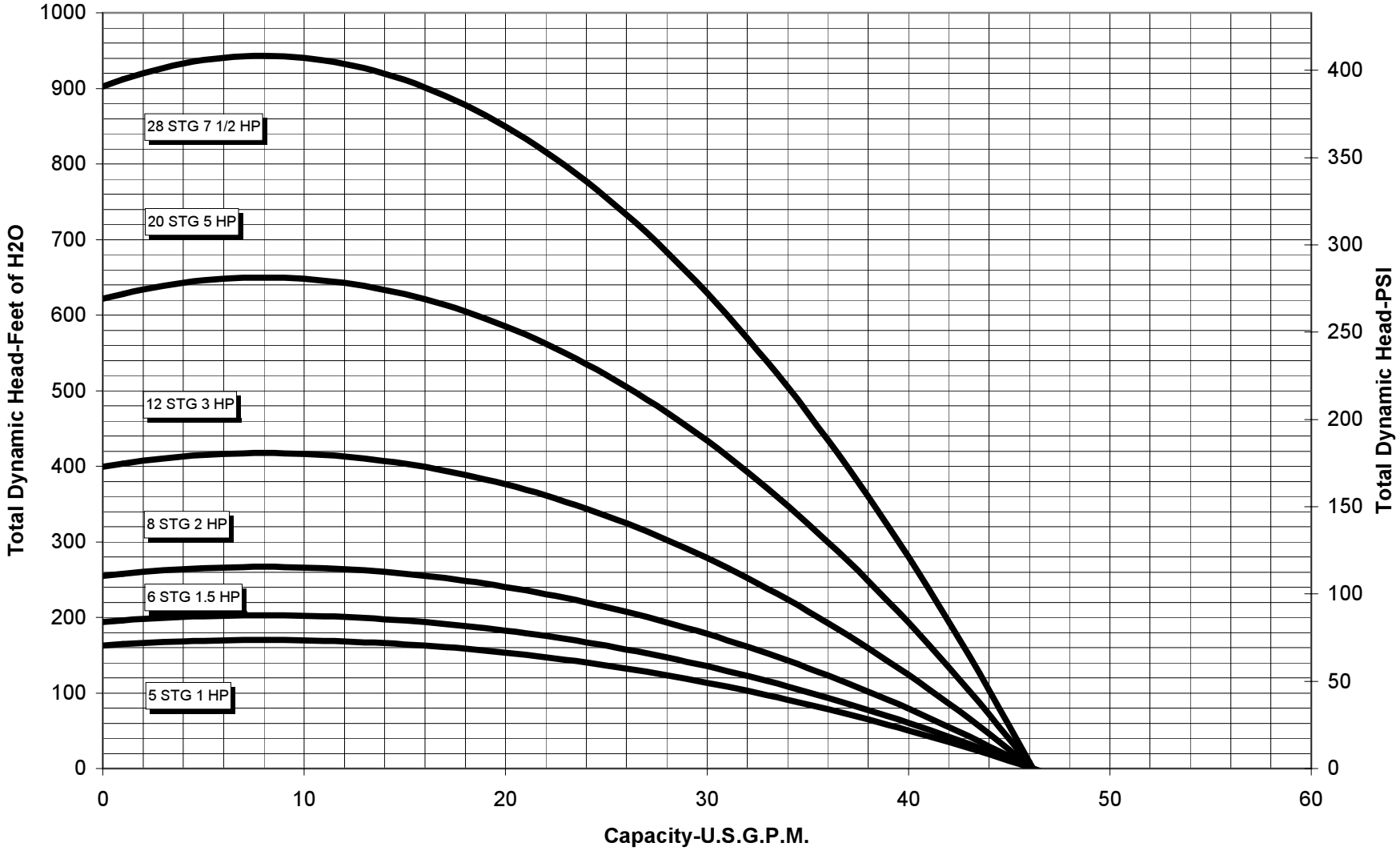
Dyanflo 30 GPM Series Pump Curves



30 GPM -1 to 7.5 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																												
41866	WG30DD10S	230/1	1	3	5	0	44.0	41.2	37.3	34.4	32.0	29.0	24.7	18.5																				
41903	WG30AD10S			2		20	36.2	33.5	31.2	28.0	23.0	1.0																					72	167
						30	33.2	30.8	27.0	22.0																								
						40	30.6	26.8	21.8																									
						50	25.8	20.0																										
						60	18.5																											
						Shut-Off PSI	64	55	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																												
41867	WG30DD15S	230/1	1½	3	6	0	44.0	41.8	39.4	37.0	34.8	35.9	34.0	27.0	23.5																			
41904	WG30AD15S			2		20	38.5	36.2	34.0	31.2	29.0	26.1	20.0																				86	199
						30	36.0	33.6	31.0	28.5	25.5	15.0																						
						40	33.4	30.8	28.3	25.3	12.0																							
						50	30.2	27.5	24.3	5.0																								
						60	27.0	23.5																										
						Shut-Off PSI	77	69	60	52	43	34	26	17	8																			

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																												
41868	WG30DD20S	230/1	2	3	8	0	44.0	42.5	41.3	39.5	37.6	35.8	34.0	32.3	30.8	29.0	26.4	23.0	10.0															
						20	40.8	39.0	37.0	35.2	33.4	31.7	30.2	28.4	25.3	21.2																		
						30	38.6	36.6	34.9	33.1	31.5	30.0	27.9	25.0	20.5																			113	262
						40	36.4	34.7	32.9	31.3	29.8	27.7	24.8	19.8																				
						50	34.3	32.3	31.0	29.5	27.0	23.9	17.0																					
						60	32.3	30.8	29.0	26.4	23.0	10.0																						
						Shut-Off PSI	105	96	87	79	70	61	53	44	35	27	18	10	1															

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																												
41869	WG30DD30S	230/1	3	3	12	0	45.0	44.0	43.0	42.5	41.4	39.8	38.1	36.6	35.1	34.0	33.5	32.5	31.3	30.2	29.6	27.8	19.2											
						20	42.9	42.2	40.9	39.3	37.5	36.1	34.5	33.9	33.2	32.1	30.9	29.9	29.3	28.2	27.4	15.7												
						30	42.0	40.6	39.0	37.5	35.8	34.5	33.8	33.0	31.9	30.7	29.9	29.2	28.1	27.1	24.0													
						40	40.4	38.8	37.3	35.6	34.3	33.6	32.8	31.7	30.5	29.7	29.0	27.9	26.9	23.0													178	410
						50	38.5	36.7	35.4	34.2	33.5	32.6	31.5	30.4	29.5	28.9	27.9	26.5	21.0															
						60	36.6	35.1	34.0	33.5	32.5	31.3	30.2	29.6	28.8	27.8	26.0	19.2																
						Shut-Off PSI	169	160	152	143	134	126	117	108	100	91	82	74	65	56	48	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																												
41870	WG30DD50S	230/1	5	3	20	0			44.5	43.7	43.0	42.0	41.3	40.6	39.8	39.3	38.7	38.0	37.0	36.0	35.2	34.0	32.6	31.2	29.5	27.8	26.0	22.5	7.0					
						20		43.5	42.6	41.8	41.0	40.3	39.7	39.2	38.5	37.7	36.7	36.7	35.3	34.5	33.9	32.1	30.8	30.1	27.6	25.3	19.0	4.0					
						30	43.4	42.5	41.7	40.9	40.2	39.6	39.0	38.4	37.5	36.5	35.6	35.0	34.4	33.7	33.0	31.5	30.0	28.4	26.3	24.5	11.0						
						40	42.3	41.5	40.7	40.0	39.4	38.8	38.2	37.3	36.3	35.4	33.8	34.2	33.5	32.8	32.1	30.7	29.0	27.4	25.6	19.0							276	638
						50	41.5	40.8	39.9	39.5	38.9	38.2	37.2	36.2	35.4	34.7	34.2	33.5	32.8	32.0	31.2	29.6	28.0	26.2	23.3	8.1								
						60	40.6	39.8	39.3	38.7	38.0	37.0	36.0	35.2	34.6	34.0	33.3	32.6	31.9	31.2	30.3	28.6	26.7	25.1	15.0									
						Shut-Off PSI	268	259	250	242	233	224	216	207	198	190	181	172	164	155	146	129	112	94	77	60	42	25	8					

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																												
41906	WG30DD75S	230/3	7½	3	28	0			44.9	49.2	43.6	43.2	42.6	42.0	41.5	41.0	40.5	39.9	39.5	39.0	38.6	37.6	36.5	35.1	34.0	33.0	32.1	31.2	30.3	29.2	27.2	18.8	4.0	
						20	49.5	49.0	48.5	48.9	42.3	41.8	41.3	40.2	39.7	39.3	39.7	38.8	38.4	38.0	37.1	36.1	35.0	33.7	32.8	31.7	31.2	30.2	29.0	27.0	24.0	12.0		
						30	43.9	43.3	42.8	42.3	41.8	41.3	40.7	40.3	39.7	39.3	38.8	38.3	37.9	37.4	36.8	35.5	34.1	33.2	32.4	31.5	30.5	29.5	27.8	25.1	22.0	10.2		
						40	43.1	42.7	42.2	41.6	41.1	40.5	40.2	39.6	39.2	38.7	38.2	37.8	37.3	36.6	36.0	34.8	33.6	32.8	31.9	30.8	30.0	28.6	26.3	23.5	19.7	5.0	400	925
						50	42.6	42.0	41.5	41.0	40.5	39.9	39.5	39.0	38.6	38.1	37.6	37.0	36.5	35.8	35.1	34.0	33.0	32.1	31.2	30.3	29.2	27.2	24.5	21.0	17.6			
						60	42.0	41.5	41.0	40.5	39.9	39.5	39.0	38.6	38.1	37.6	37.0	36.5	35.8	35.1	34.6	33.5	32.6	31.7	30.8	29.8	28.3	26.0	22.9	18.8	13.6			
						Shut-Off PSI	392	383	374	366	357	348	340	331	323	314	305	297	288	279	271	253	236	219	201	184	167	149	132	115	97	54	11		