

Submersible Pumps

4" Series V Pumps 20 gpm Performance

Capacities in U.S. Gallons per Minute:

HP	PSI	DEPTH TO PUMPING WATER LEVEL, OR LIFT, IN FEET																							
		20	40	60	80	100	120	140	160	180	200	240	260	300	360	400	440	480	500		600	700	800	900	1000
3/4	0				24	22	21	18	14																
	20		23	21	19	17	12																		
	30	23	21	19	17	11																			
	40	21	19	17	10																				
	50	19	16	10																					
	60	14																							
	Shut-off PSI	74	65	56	48	39	30	22	13																
1	0					26	25	23	20	18	11														
	20			27	26	24	22	20	18	15	8														
	30		27	26	24	22	19	17	14	7															
	40	27	25	23	21	19	17	13																	
	50	25	23	21	19	16	12																		
	60	23	21	18	16	11																			
	70	20	18	15	10																				
80	18	15	9																						
Shut-off PSI	100	91	83	74	66	57	48	40	31	22	5														
1.5	0						27	26	24	22	20	17	6												
	20						27	25	24	23	21	18	10												
	30					26	25	24	22	21	20	16	13												
	40				26	25	23	22	21	19	18	13	8												
	50		27	26	25	23	22	21	19	17	15	7													
	60	27	26	24	23	22	20	19	17	15	11														
	70	26	24	23	21	20	19	17	14	11	5														
80	24	23	21	20	18	16	14	10																	
Shut-off PSI	156	147	138	130	121	112	104	95	86	78	60	52	34	8											
2	0									24	23	20	16	12											
	20									24	21	20	17	12											
	30								24	23	22	20	19	16											
	40								24	23	22	21	19	17	14										
	50						24	23	22	20	19	16	14	10											
	60					24	23	22	20	19	18	14	12												
	80			24	23	21	20	19	18	16	14														
Shut-off PSI	187	179	170	161	153	144	135	127	118	110	92	84	66	40	23										
3	0											24	22	20	18	16	14								
	20											24	23	20	17	15	12	10							
	30											24	23	21	18	16	13	10							
	40											24	23	22	20	17	14	11							
	50										24	24	22	21	19	16	13								
	60								24	24	23	21	20	18	14	10									
	80							24	23	22	20	18	17	15	10										
Shut-off PSI	251	242	234	225	216	208	199	190	182	173	156	147	130	104	87	69	52	43							
5	0															24	23	20	16						
	20															24	21	18	13						
	30															24	23	20	17	11					
	40															24	23	23	20	16	10				
	50															24	22	22	17	15					
	60															24	23	22	21	18	14				
	80															24	23	22	21	20	16	10			
Shut-off PSI	416	408	399	390	382	373	364	356	347	339	321	313	295	269	252	235	217	209	165	122	79				

Notes: 1. Performance shown does not include friction loss in the drop pipe.
2. All performance data is based on rated motor nameplate voltage.