

16S EASY SELECTION CHART

16 GPM

SELECTION CHARTS

FLOW RANGE

PUMP OUTLET

(Ratings are in GALLONS PER MINUTE-GPM)

(10 TO 20 GPM)

1 1/4 " NPT

DEPTH TO PUMPING WATER LEVEL (LIFT) IN FEET

PUMP MODEL	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	800	900	1000	1100			
16S05-5	1/2	20	20.3	18.2	14.1	10.0	5.0																							
		30	17.3	14.4	8.0	1.6																								
		40	12.7	8.0	4.0																									
		50	6.5																											
		60	2.9																											
SHUT-OFF PSI:			58	49	40	32	23	14																						
16S07-8	3/4	0					20.5	19.2	17.5	15.8	12.8	9.8	5.2																	
		20			20.1	18.8	16.9	15.2	11.8	8.5	4.3																			
		30	21.2	19.9	18.4	16.9	14.3	11.8	7.5	3.2	1.6																			
		40	19.7	18.3	16.3	14.3	10.8	7.2	3.6																					
		50	17.9	16.3	13.5	10.7	6.2	1.7																						
		60	15.7	13.5	9.6	5.8	2.9																							
SHUT-OFF PSI:			97	88	80	71	62	54	45	36	28	19	10																	
16S10-10	1	0					20.8	19.8	18.8	17.3	15.9	13.7	11.4	8.0	4.7															
		20				20.5	19.4	18.3	16.8	15.3	12.9	10.5	7.0	3.5	1.8															
		30			20.3	19.3	18.1	16.8	14.8	12.8	9.8	6.7	3.3																	
		40		20.2	19.1	18.0	16.4	14.8	12.2	9.6	5.9	2.3																		
		50	20.0	19.0	17.7	16.3	14.2	12.0	8.8	5.6	2.8																			
		60	18.8	17.6	15.8	14.1	11.3	8.6	4.8																					
SHUT-OFF PSI:			123	115	106	97	89	80	71	63	54	45	37	28	19	11														
16S15-14	1 1/2	0								21.0	20.3	19.6	18.8	18.0	16.9	15.8	14.3	10.7	3.3											
		20							20.1	19.3	18.5	17.7	16.6	15.4	13.8	12.2	10.0	5.1												
		30					20.7	20.0	19.2	18.4	17.4	16.5	15.1	13.7	11.8	9.8	7.3	2.4												
		40				20.6	19.8	19.1	18.3	17.4	16.0	15.0	13.3	11.6	9.3	7.0	4.3													
		50			20.4	19.8	18.9	18.2	17.2	16.1	14.7	13.2	11.2	9.1	6.5	3.9	2.0													
		60		20.3	19.6	18.8	18.0	17.1	15.8	14.5	12.8	11.0	8.6	6.3	3.4															
SHUT-OFF PSI:				167	158	149	141	132	123	115	106	97	89	80	71	63	54	37	28											
16S20-18	2	0										21.2	20.6	20.0	19.5	18.9	18.2	16.7	13.5	8.8	2.7									
		20										20.4	19.8	19.3	18.7	18.0	17.3	16.4	14.3	10.0	4.2									
		30									20.3	19.8	19.2	18.6	17.9	17.2	16.3	15.3	12.8	7.9	1.9									
		40								20.3	19.7	19.1	18.5	17.8	17.1	16.1	15.2	13.9	11.1	5.7										
		50							20.2	19.6	19.0	18.3	17.7	16.8	16.0	14.9	13.8	12.3	9.2	3.2										
		60					20.1	19.5	18.9	18.3	17.5	16.8	15.8	14.8	13.5	12.3	10.6	7.0												
SHUT-OFF PSI:						194	186	177	168	160	151	142	134	125	116	108	90	65	39	13										
16S30-24	3	0																19.6	18.3	16.5	14.2	9.8	2.1							
		20															20.3	19.9	19.5	18.6	17.0	14.8	11.8	6.5						
		30													20.3	19.8	19.4	19.0	18.0	16.3	13.7	10.4	4.7							
		40												20.2	19.8	19.3	18.9	18.4	17.3	15.3	12.5	8.9	2.8							
		50											20.2	19.8	19.3	18.8	18.3	17.8	16.7	14.3	11.3	7.3								
		60									20.1	19.7	19.2	18.8	18.3	17.8	17.2	15.8	13.3	9.8	5.5									
SHUT-OFF PSI:											239	230	221	213	204	195	187	169	143	117	91	57	13							
16S50-38	5	0																			21.5	20.4	18.7	16.5	13.4	8.9	2.1			
		20																				20.9	19.6	17.7	15.2	11.5	6.1			
		30																				21.4	20.5	19.2	17.2	14.5	10.5	4.5		
		40																				21.1	20.2	18.8	16.7	13.7	9.3	2.7		
		50																				21.6	20.7	19.8	18.4	16.1	12.8	8.0	0.8	
		60																				21.3	20.4	19.4	17.9	15.4	11.9	6.6		
SHUT-OFF PSI:																					314	288	262	227	184	141	98	54	11	

See 16S performance curves for higher head models.
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.