

60S EASY SELECTION CHART

60 GPM

SELECTION CHARTS

(Ratings are in GALLONS PER MINUTE-GPM)

FLOW RANGE
(40 TO 75 GPM)

PUMP OUTLET
2" NPT

DEPTH TO PUMPING WATER LEVEL (LIFT) IN FEET

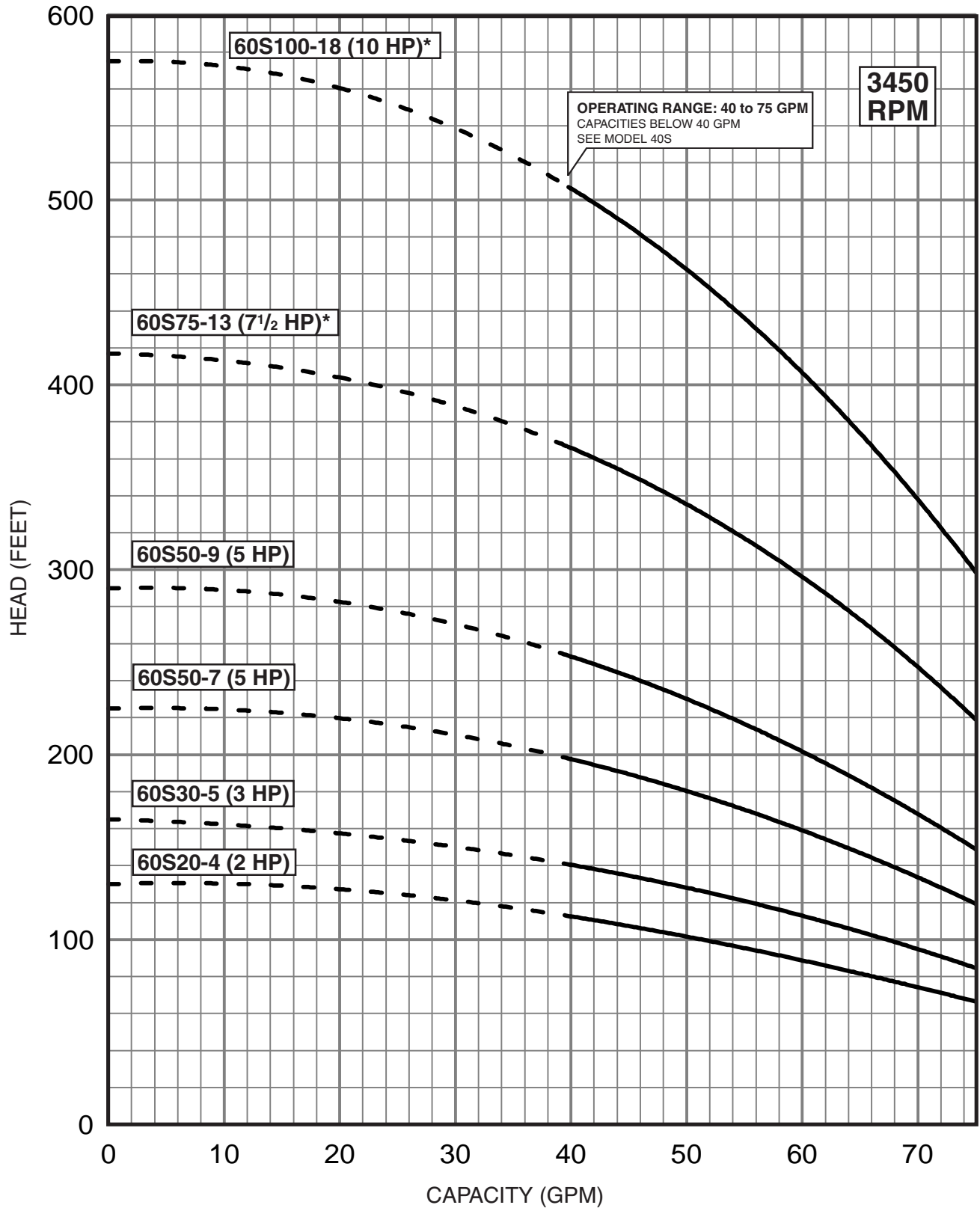
PUMP MODEL	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	800	900	1000	1100				
60S20-4	2	20	72.3	64.5	38.6	12.7	6.3																								
		30	58.6	44.9	22.4																										
		40	30.4																												
		50	17.9																												
		60																													
SHUT-OFF PSI:			46	37	29	20	11	3																							
60S30-5	3	0				74.8	66.8	58.8	34.3																						
		20	77.8	72.9	63.8	54.8	27.4																								
		30	76.0	64.3	47.3	30.0	15.0																								
		40	60.4	49.9	25.0																										
		50	40.4	19.4	9.8																										
SHUT-OFF PSI:			60	51	42	34	25	16	8																						
60S50-7	5	0					77.5	73.8	68.4	63.1	52.2	41.3																			
		20			76.3	72.4	66.6	61.1	48.3	35.8	17.9																				
		30			76.0	71.3	66.5	57.8	49.2	24.6																					
		40	75.1	71.0	64.6	58.2	43.8	29.4	14.8																						
		50	69.7	64.6	54.8	44.9	22.5																								
SHUT-OFF PSI:			88	80	71	62	54	45	36	28	19	10																			
60S50-9	5	0						74.8	71.7	67.3	63.0	55.6	48.2	32.8	17.3																
		20					73.8	70.5	65.9	61.3	53.0	44.8	27.5	10.2	5.1																
		30			76.5	73.5	69.6	65.7	59.4	53.2	40.7	28.1	14.0																		
		40		76.2	72.8	69.3	64.3	59.4	50.3	41.0	20.5																				
		50	75.5	72.5	68.3	64.2	57.3	50.4	36.3	22.2	11.1																				
SHUT-OFF PSI:			115	106	98	89	81	72	63	55	46	37	29	20	11	3															
*60S75-13	7 1/2	0								77.3	75.4	73.1	70.7	67.8	64.8	60.7	50.0	21.5													
		20						76.8	74.8	72.3	69.9	66.8	63.8	59.3	55.0	47.9	28.9														
		30						76.6	74.3	72.1	69.3	66.6	62.8	59.2	53.3	47.7	38.2	14.3													
		40					76.2	74.1	71.6	69.1	65.8	62.7	57.9	53.3	45.6	37.9	25.0	6.0													
		50				75.9	73.6	71.3	68.4	65.6	61.7	57.7	51.6	45.4	35.0	24.7	12.3														
SHUT-OFF PSI:					152	143	134	126	117	108	100	91	82	74	65	56	48	30	4												
*60S100-18	10	0												76.5	75.0	73.3	69.8	63.1	52.6	35.8											
		20												76.1	74.6	72.8	71.2	69.2	64.7	55.8	40.0	14.2									
		30												75.9	74.3	72.7	70.8	68.9	66.7	61.6	50.9	31.5									
		40											75.7	74.1	72.3	70.6	68.5	66.5	63.9	58.0	45.0	20.7									
		50									75.4	73.8	72.1	70.2	68.3	66.0	63.7	60.7	53.6	37.5	10.0										
SHUT-OFF PSI:								186	177	169	160	152	143	134	126	117	100	74	46	22											

* 6" Motor
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

FLOW RANGE: 40 -75 GPM

OUTLET SIZE: 2 " NPT

NOMINAL DIA. 4"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
4" MOTOR STANDARD, 3450 RPM.
* Also available with 6" motor.

Performance conforms to ISO 9906, 1999 (E) Annex A
Minimum submergence is 5 feet.

DIMENSIONS AND WEIGHTS

MODEL NO.	FIG.	HP	MOTOR SIZE	DISCH. SIZE	DIMENSIONS IN INCHES					APPROX. SHIP WT.
					A	B	C	D	E	
60S20-4	A	2	4"	2" NPT	32.6	15.1	17.5	3.8	3.9	39
60S30-5	A	3	4"	2" NPT	40.7	20.6	20.1	3.8	3.9	64
60S50-7	A	5	4"	2" NPT	48.8	23.6	25.2	3.8	3.9	75
60S50-9	A	5	4"	2" NPT	53.9	23.6	30.3	3.8	3.9	80
60S75-13*	A	7 1/2	4"	2" NPT	70.1	29.6	40.5	3.8	3.9	105
60S100-18*	A	10	4"	2" NPT	97.3	43.9	53.4	3.8	3.9	160

NOTES: All models suitable for use in 4" wells, unless otherwise noted.
 Weights include pump end with motor in lbs..
 * Also available with 6" motor.

MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT (4-18 Stgs.)
Check Valve Housing	304 Stainless Steel
Check Valve	304 Stainless Steel
Diffuser Chamber	304 Stainless Steel
Impeller	304 Stainless Steel
Suction Interconnector	304 Stainless Steel
Inlet Screen	304 Stainless Steel
Pump Shaft	431 Stainless Steel
Straps	304 Stainless Steel
Cable Guard	304 Stainless Steel
Priming Inducer	304 Stainless Steel
Coupling	316/431 Stainless Steel**
Check Valve Seat	NBR/316 Stainless Steel
Top Bearing	NBR/316 Stainless Steel
Impeller Seal Ring	NBR/316 Stainless Steel
Intermediate Bearings	NBR/316 Stainless Steel
Shaft Washer	LCP (Vectra®)
Split Cone	304 Stainless Steel
Split Cone Nut	304 Stainless Steel

NOTES: Specifications are subject to change without notice.
 Vectra® is a registered trademark of Hoechst Calanese Corporation.

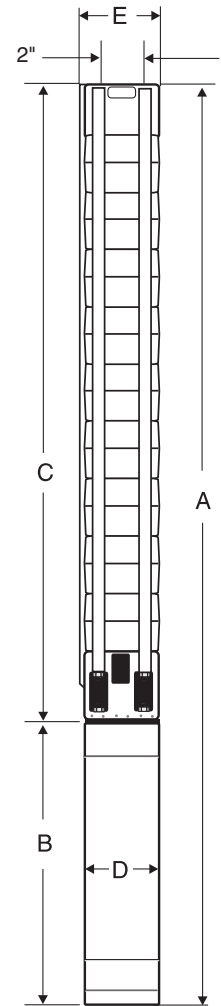


Fig. A