

75S EASY SELECTION CHART

75 GPM

SELECTION CHARTS

FLOW RANGE
(45 TO 95 GPM)

PUMP OUTLET
2" NPT

(Ratings are in GALLONS PER MINUTE-GPM)

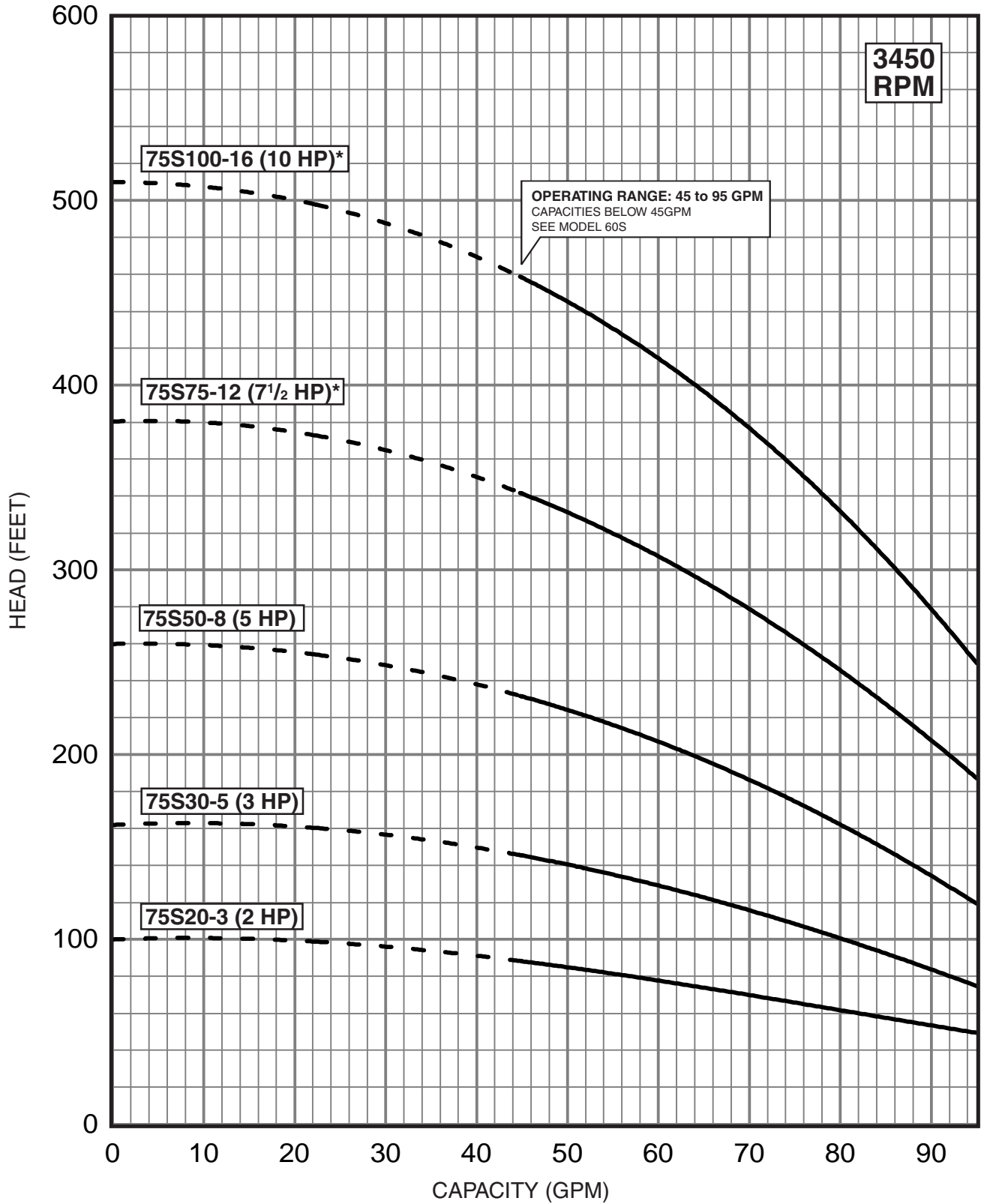
		DEPTH TO PUMPING WATER LEVEL (LIFT) IN FEET																												
PUMP MODEL	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	800	900	1000	1100			
75S20-3	2	20	69.6	45.8	22.9																									
		30	36.2																											
		40	12.4																											
		50																												
		60																												
SHUT-OFF PSI:			32	23	14	6																								
75S30-5	3	0			89.8	90.2	78.8	67.6																						
		20	96.3	86.8	74.8	62.9	31.5																							
		30	85.8	74.2	51.8	29.5	14.8																							
		40	70.2	57.1	28.6																									
		50	35.3																											
SHUT-OFF PSI:			58	49	41	32	23	15																						
75S50-8	5	0						93.3	86.5	79.6	72.0	64.5	46.9	29.4																
		20			97.4	91.3	84.7	77.5	69.4	61.3	40.3	19.4	9.8																	
		30		96.9	90.1	83.3	76.3	69.3	56.3	43.1	21.6																			
		40	95.5	89.1	82.3	75.4	66.5	57.5	28.8																					
		50	88.0	81.2	73.9	66.7	51.2	35.8	17.9																					
SHUT-OFF PSI:			98	90	81	72	64	55	46	38	29	20	12	3																
*75S75-11	7 1/2	0								97.8	93.3	88.8	84.3	79.8	75.1	70.4	63.7	43.4												
		20						96.5	92.0	87.4	82.9	78.3	73.5	68.8	61.4	54.0	38.8	11.8												
		30					95.7	91.3	86.8	82.2	77.6	73.1	67.3	61.4	50.3	39.3	19.7													
		40				95.2	90.6	86.0	81.5	77.0	72.0	67.0	58.9	50.8	33.5	16.3	8.2													
		50			94.3	89.9	85.3	80.8	76.2	71.6	65.3	59.0	46.6	34.2	17.1															
SHUT-OFF PSI:			151	142	133	125	116	107	99	90	81	73	64	55	47	38	29	12												
*75S100-15	10	0											96.7	93.4	90.0	86.5	83.2	76.3	64.7	40.9										
		20										95.7	92.4	88.9	85.5	82.1	78.7	75.2	67.4	49.3	12.5									
		30									95.3	91.8	88.4	85.0	81.5	78.2	74.8	70.9	61.6	37.1										
		40						98.0	94.7	91.3	87.8	84.4	81.0	77.7	74.1	70.6	66.0	54.0	19.9											
		50					97.3	94.3	90.8	87.3	83.9	80.5	77.1	73.7	69.7	65.8	59.8	43.5												
SHUT-OFF PSI:						178	170	161	152	144	135	126	118	109	100	92	83	66	40	14										

* 6" Motor Performance is the same at Best Efficiency Point only, consult factory for actual performance.
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

FLOW RANGE: 45 - 95 GPM

OUTLET SIZE: 2" NPT

NOMINAL DIA.: 4"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
 4" MOTOR STANDARD, 2-10 Hp 3450 RPM.
 * Also available with 6" motor, performance is the same only at Best Efficiency point.
 Consult factory for actual performance.

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	
75S20-3	A	2	4"	2" NPT	30.0	15.1	14.9	3.8	3.9	38
75S30-5	A	3	4"	2" NPT	40.7	20.6	20.1	3.8	3.9	64
75S50-8	A	5	4"	2" NPT	51.4	23.6	27.8	3.8	3.9	78
75S75-12*	A	7 1/2	4"	2" NPT	67.5	29.6	37.9	3.8	3.9	100
75S100-16*	A	10	4"	2" NPT	92.1	43.9	48.2	3.8	3.9	155

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, performance is the same only at Best Efficiency point. Consult factory for actual performance.

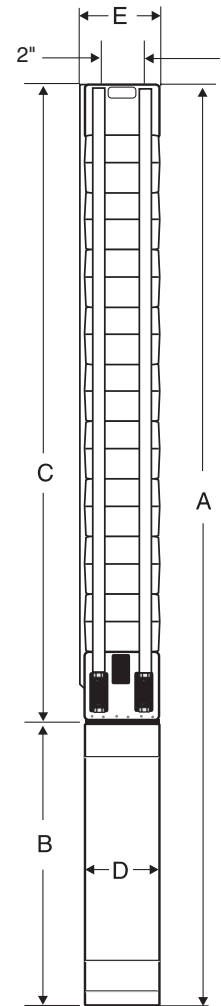


Fig. A

MATERIALS OF CONSTRUCTION

COMPONENT	CYLINDRICAL SHAFT (3-16 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.

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