

# 7S EASY SELECTION CHART

## 7 GPM

### SELECTION CHARTS

FLOW RANGE

PUMP OUTLET

(Ratings are in GALLONS PER MINUTE-GPM)

(3 TO 10 GPM)

1" NPT

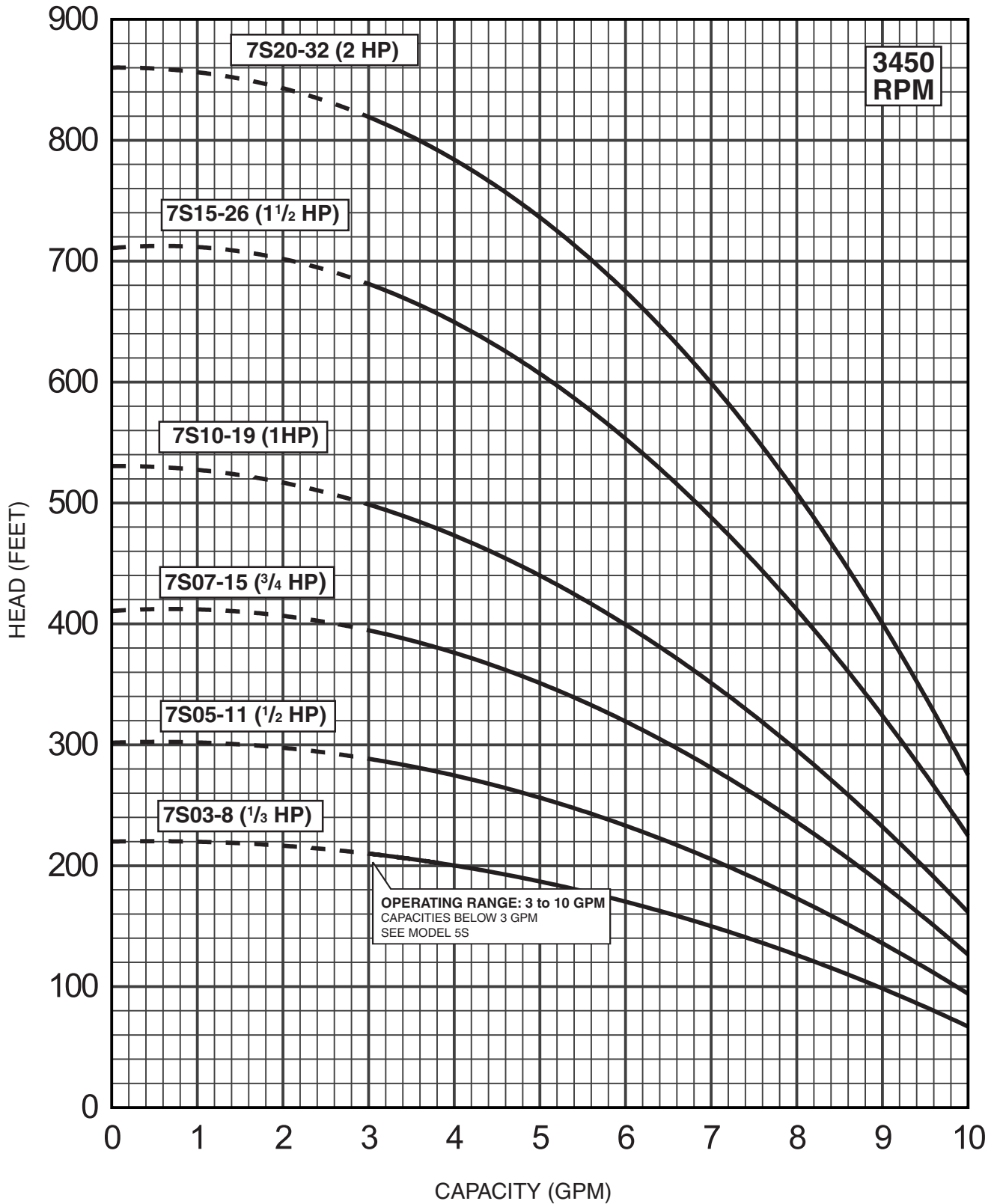
DEPTH TO PUMPING WATER LEVEL (LIFT) IN FEET																															
PUMP MODEL	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	400	460	520	600	700	800	900	1000	1100				
7S03-8	1/3	20	10.0	9.5	8.7	8.0	7.2	6.4	5.0	3.7	1.8																				
		30	9.3	8.7	7.9	7.1	6.1	5.1	2.6																						
		40	8.5	7.8	7.0	6.1	4.5	2.9	1.5																						
		50	7.6	6.9	5.8	4.7	2.3																								
		60	6.7	5.8	3.9	2.0																									
SHUT-OFF PSI:			86	77	69	60	52	43	34	26	17	8																			
7S05-11	1/2	0					9.9	9.5	8.9	8.4	7.8	7.3	6.7	6.0	5.0	4.0															
		20			9.8	9.3	8.8	8.2	7.7	7.1	6.5	5.8	4.7	3.5	1.8																
		30	10.1	9.7	9.2	8.7	8.1	7.6	7.0	6.4	5.6	4.7	2.9																		
		40	9.6	9.2	8.6	8.1	7.5	6.9	6.2	5.6	4.3	3.0	1.5																		
		50	9.1	8.5	8.0	7.4	6.8	6.2	5.3	4.3	2.2																				
60	8.4	7.9	7.3	6.8	6.0	5.3	3.8	2.3																							
SHUT-OFF PSI:			122	113	105	96	87	79	70	61	53	44	35	27	18	10															
7S07-15	3/4	0					10.2	9.9	9.5	9.2	8.8	8.4	8.0	7.6	7.1	6.7	5.6	2.9													
		20			10.1	9.8	9.4	9.0	8.6	8.2	7.8	7.4	7.0	6.5	6.1	5.4	3.6														
		30			10.0	9.7	9.4	9.0	8.6	8.2	7.8	7.4	6.9	6.5	5.9	5.4	4.5	1.8													
		40		10.0	9.7	9.3	8.9	8.5	8.1	7.7	7.3	6.9	6.4	5.9	5.2	4.5	3.2	1.0													
		50	9.9	9.6	9.2	8.9	8.5	8.1	7.6	7.2	6.8	6.4	5.8	5.2	4.2	3.2	1.6														
60	9.5	9.2	8.8	8.4	8.0	7.6	7.2	6.7	6.2	5.7	4.9	4.2	2.8	1.4																	
SHUT-OFF PSI:			170	101	153	144	135	127	118	110	101	92	84	75	66	58	49	32	6												
7S10-19	1	0							10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.4	6.4	4.8												
		20					10.0	9.8	9.5	9.2	8.9	8.6	8.3	7.9	7.6	7.3	6.6	5.3	2.8												
		30					10.0	9.7	9.5	9.2	8.9	8.5	8.2	7.9	7.6	7.3	6.9	6.2	4.6	1.4											
		40				10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.8	7.5	7.2	6.9	6.5	5.6	3.7												
		50		10.2	9.9	9.7	9.4	9.1	8.8	8.4	8.1	7.8	7.5	7.2	6.8	6.5	6.0	5.0	2.4												
60	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.8	6.4	6.0	5.5	4.2															
SHUT-OFF PSI:			218	209	200	192	183	174	166	157	148	140	131	123	114	105	97	79	53	27											
7S15-26	1 1/2	0										10.1	9.9	9.7	9.5	9.3	8.8	8.1	7.4	6.7	5.5										
		20										10.0	9.8	9.6	9.4	9.2	9.0	8.8	8.3	7.6	6.9	6.1	4.4								
		30										10.0	9.8	9.6	9.4	9.2	9.0	8.7	8.5	8.0	7.3	6.6	5.7	3.7							
		40						10.1	10.0	9.8	9.6	9.4	9.1	8.9	8.7	8.5	8.2	7.8	7.1	6.3	5.2	2.9									
		50					10.1	9.9	9.7	9.6	9.3	9.1	8.9	8.7	8.4	8.2	8.0	7.5	6.8	5.9	4.7	1.9									
60				10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.2	7.9	7.7	7.2	6.5	5.5	4.1												
SHUT-OFF PSI:					274	265	257	248	239	231	222	213	205	196	187	179	161	135	110	84	49										
7S20-32	2	0	0									10.6	10.5	10.4	10.4	10.3	10.1	9.6	9.1	8.4	7.3	5.7									
		20	46.2									10.5	10.5	10.4	10.3	10.3	10.2	10.0	9.8	9.2	8.6	7.8	6.6	4.8							
		30	69.3									10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.6	9.0	8.3	7.5	6.2	4.3						
		40	92.4							10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.9	9.7	9.4	8.8	8.0	7.2	5.8	3.9							
		50	116							10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.1	8.5	7.7	6.8	5.4	3.3							
60	139							10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5	9.3	8.9	8.2	7.4	6.4	5.0									
SHUT-OFF PSI:						343	334	326	317	308	300	291	282	274	265	256	239	213	187	161	126	83									

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

FLOW RANGE: 3 -10 GPM

OUTLET SIZE: 1" NPT

NOMINAL DIA. 4"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
4" MOTOR STANDARD, 3450 RPM.

Performance conforms to ISO 9906: 1999 (E) Annex A  
Minimum submergence is 2 feet.

**DIMENSIONS AND WEIGHTS**

MODEL NO.	FIG.	HP	MOTOR SIZE	DISCH. SIZE	DIMENSIONS IN INCHES					APPROX. SHIP WT.
					A	B	C	D	E	
7S03-8	A	1/3	4"	1" NPT	21.5	8.8	12.7	3.8	3.9	27
7S05-11	A	1/2	4"	1" NPT	24.7	9.5	15.2	3.8	3.9	30
7S07-15	A	3/4	4"	1" NPT	29.2	10.7	18.5	3.8	3.9	33
7S10-19	A	1	4"	1" NPT	33.6	11.8	21.8	3.8	3.9	36
7S15-26	A	1 1/2	4"	1" NPT	41.2	13.6	27.6	3.8	3.9	46
7S20-32	A	2	4"	1" NPT	48.5	14.0	34.5	3.8	3.9	59

NOTES: All models suitable for use in 4" wells.  
Weights include pump end with motor in lbs.

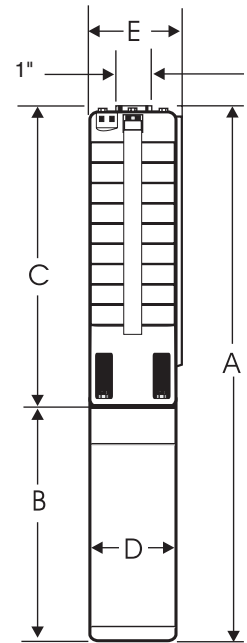


Fig. A

**MATERIALS OF CONSTRUCTION**

COMPONENT	SPLINE SHAFT
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	304 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/304 Stainless Steel
Top Bearing	NBR
Impeller Seal Ring	NBR/PBT (Valox®)
Intermediate Bearings	NBR

NOTES: Specifications subject to change without notice.  
Valox® is a registered trademark of General Electric Co.