

4SR

4" submersible pumps



PERFORMANCE RANGE

Flow rate up to 110 US g.p.m.
Dynamic head up to 1650 feet (503 m)

OPERATING LIMITS

Maximum fluid temperature + 85 °F / + 30 °C
Starts: max. 20/h

The exclusive water end patented design, thanks to the combination of the front housing with the axial movement of the impellers, guarantees the pump against damage caused by sand, including seizure.

PUMP INSTALLATION AND APPLICATIONS

THESE PUMPS ARE SUITABLE FOR PUMPING WATER.

THEIR HIGH PERFORMANCE AND DEPENDABILITY MAKE THEM SUITABLE FOR USE IN DOMESTIC, CIVIL AND INDUSTRIAL FIELDS, FOR THE AUTOMATIC DISTRIBUTION OF WATER WORKING IN CONJUNCTION WITH SURGE TANKS, FOR IRRIGATING GARDENS IN GENERAL, FOR WASHING AND PRESSURE-BOOSTING SYSTEMS, AND FOR FIRE-FIGHTING PURPOSES, ETC.

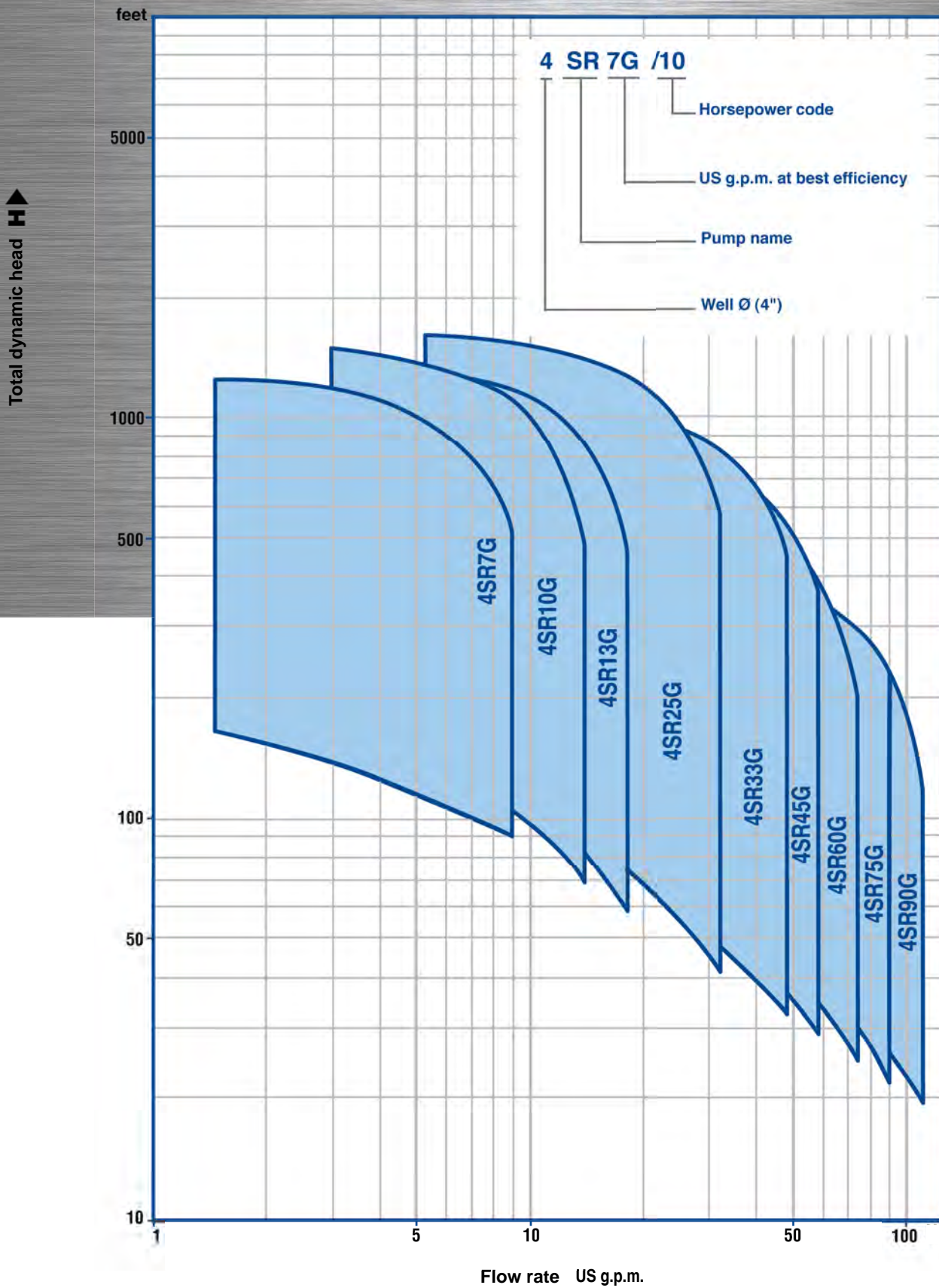
4SR pumps can be installed in wells with a diameter of no less than 4". The pump is lowered into the well by means of the delivery pipe until it is **completely submerged** (min. 2 feet, and at least 3 feet from the bottom of the well) even when working, as pump operation may obviously cause the level of the liquid in the well to fall. The pump can be installed either vertically or horizontally; when installed vertically in a well, it is advisable to secure the pump by using a stainless steel or nylon cable connected to the special holes provided on the discharge head.

STRUCTURAL CHARACTERISTICS

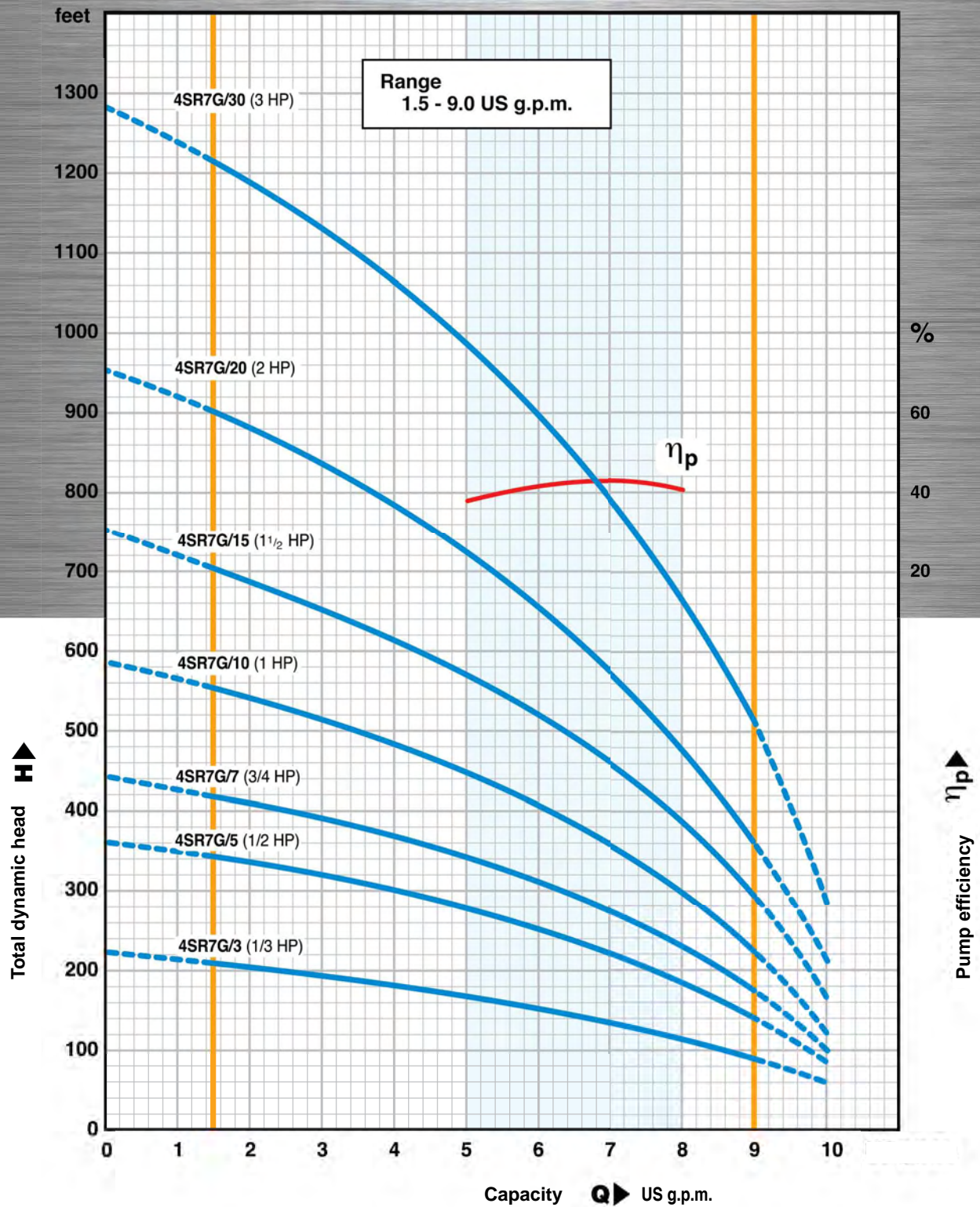
- 1 1/4" NPT (4SR7G, 4SR10G, 4SR13G, 4SR25G) 2" NPT (4SR33G, 4SR45G, 4SR60G, 4SR75G, 4SR90G) thread discharge head and motor bracket in AISI 304 stainless steel or brass. See notes on spare parts tables.
- AISI 304 stainless steel **CHECK VALVE** enables the weight of the column of water to be dispersed without stress to the impellers and diffusers, thus ensuring long pump life.
- Lexan "General Electric" technopolymer **IMPELLERS**.
- Noryl GFN2 technopolymer **DIFFUSERS**.
- AISI 304 stainless steel **BOWL**.
- AISI 304 stainless steel **EXTERNAL SLEEVE**.
- AISI 304 stainless steel **PUMP SHAFT**.
- MOTOR BRACKET** built to NEMA dimensional standards.
- AISI 316L stainless steel **TRANSMISSION COUPLING**.
- AISI 304 stainless steel **BOLTS & SCREWS**.
- AISI 304 stainless steel **FILTER**.
- AISI 304 stainless steel **CABLE GUARD**.

WARRANTY: 2 YEAR (according to our general sale conditions).





Certified CAN/CSA-C 22.2
N°-108-M89 and
UL Standard 778-2000



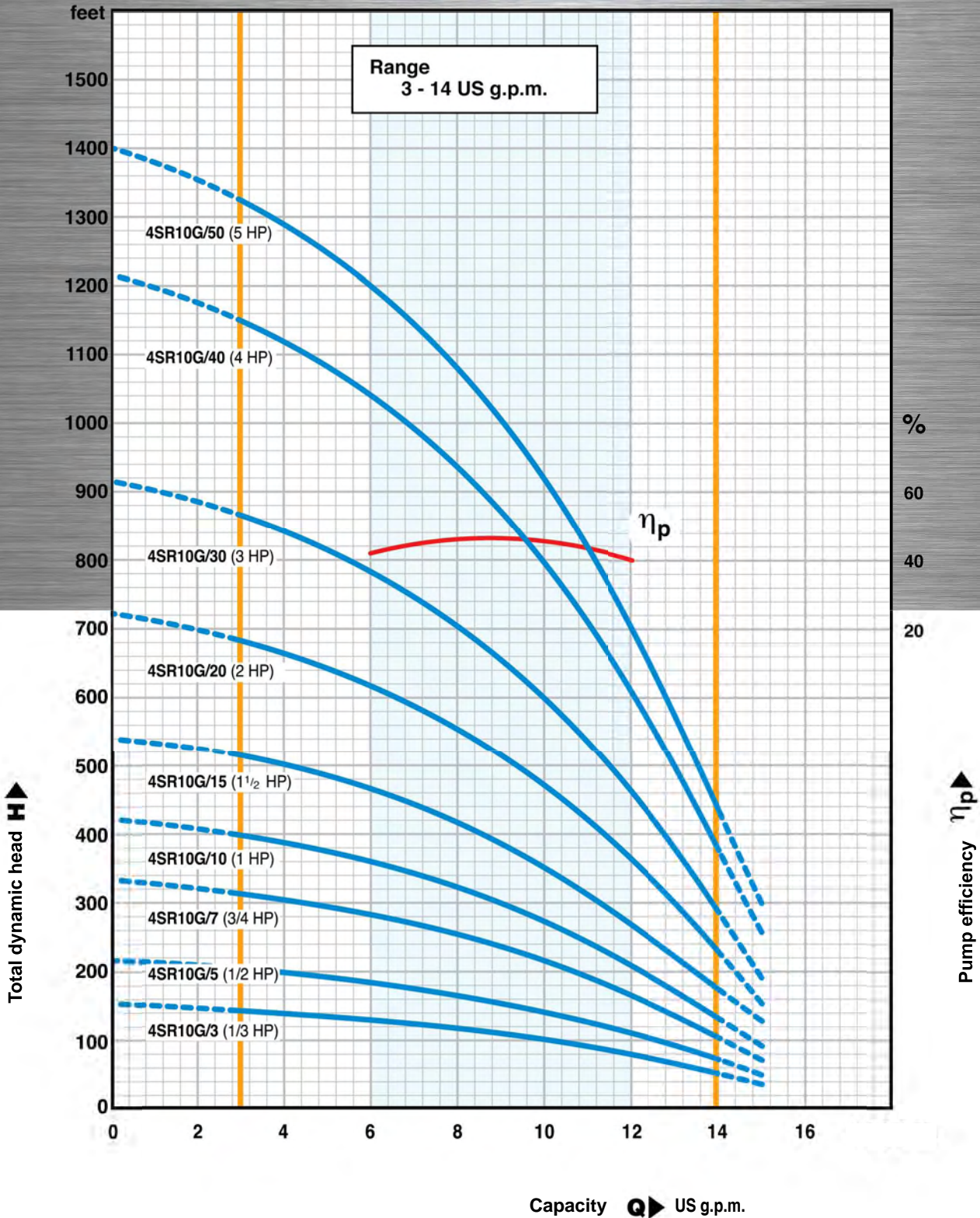
It is recommended to use the pump close to the point of max. efficiency



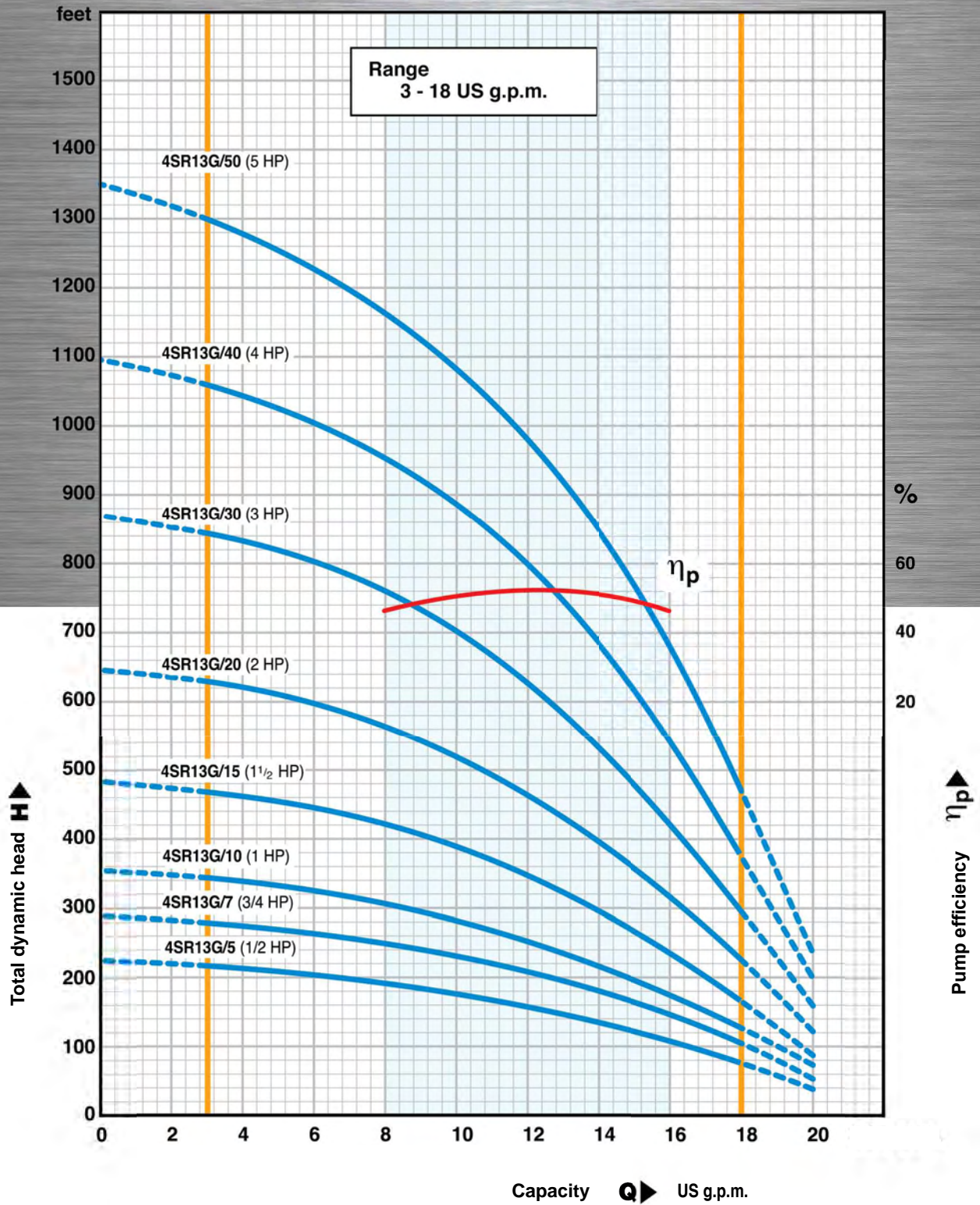
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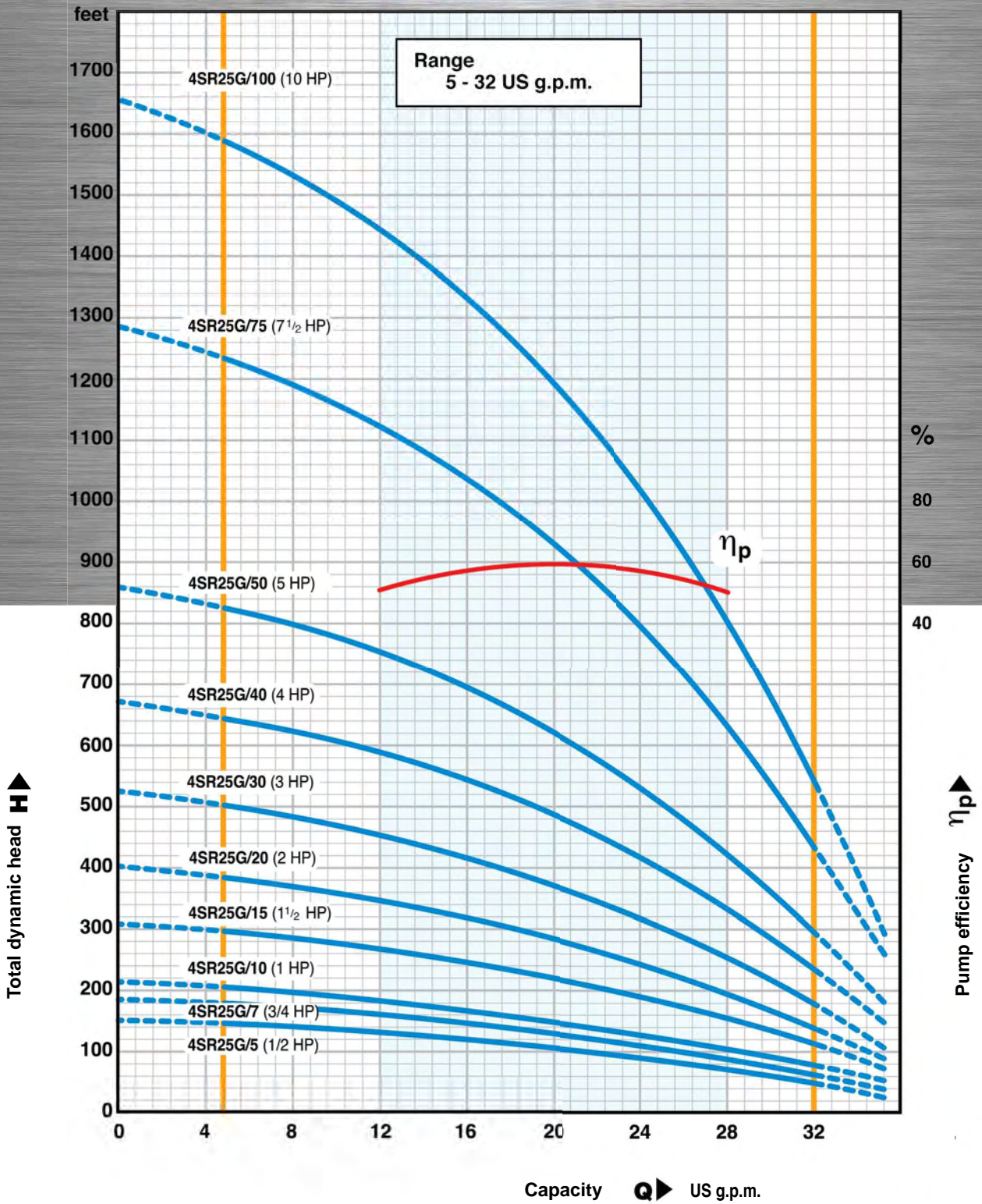


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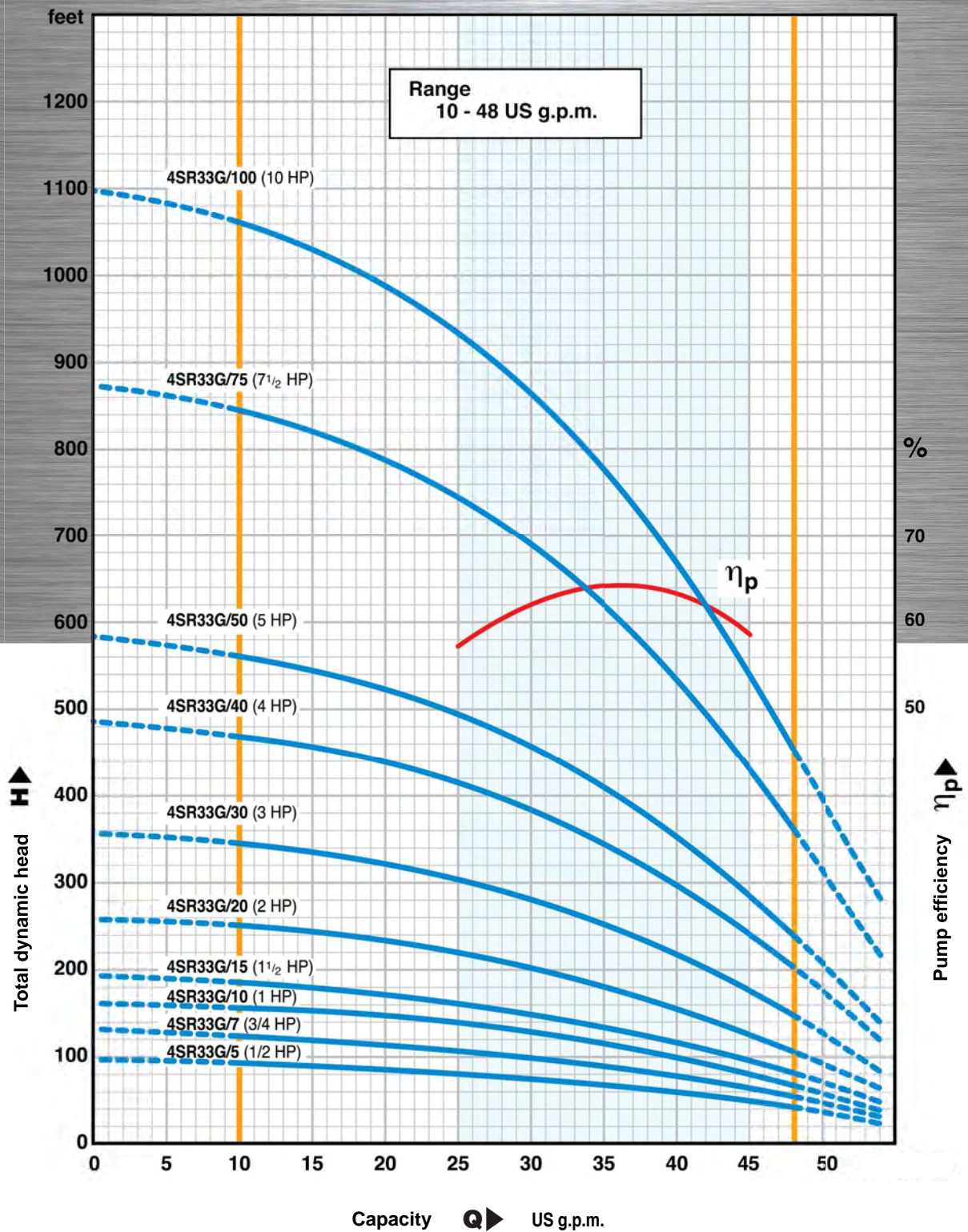


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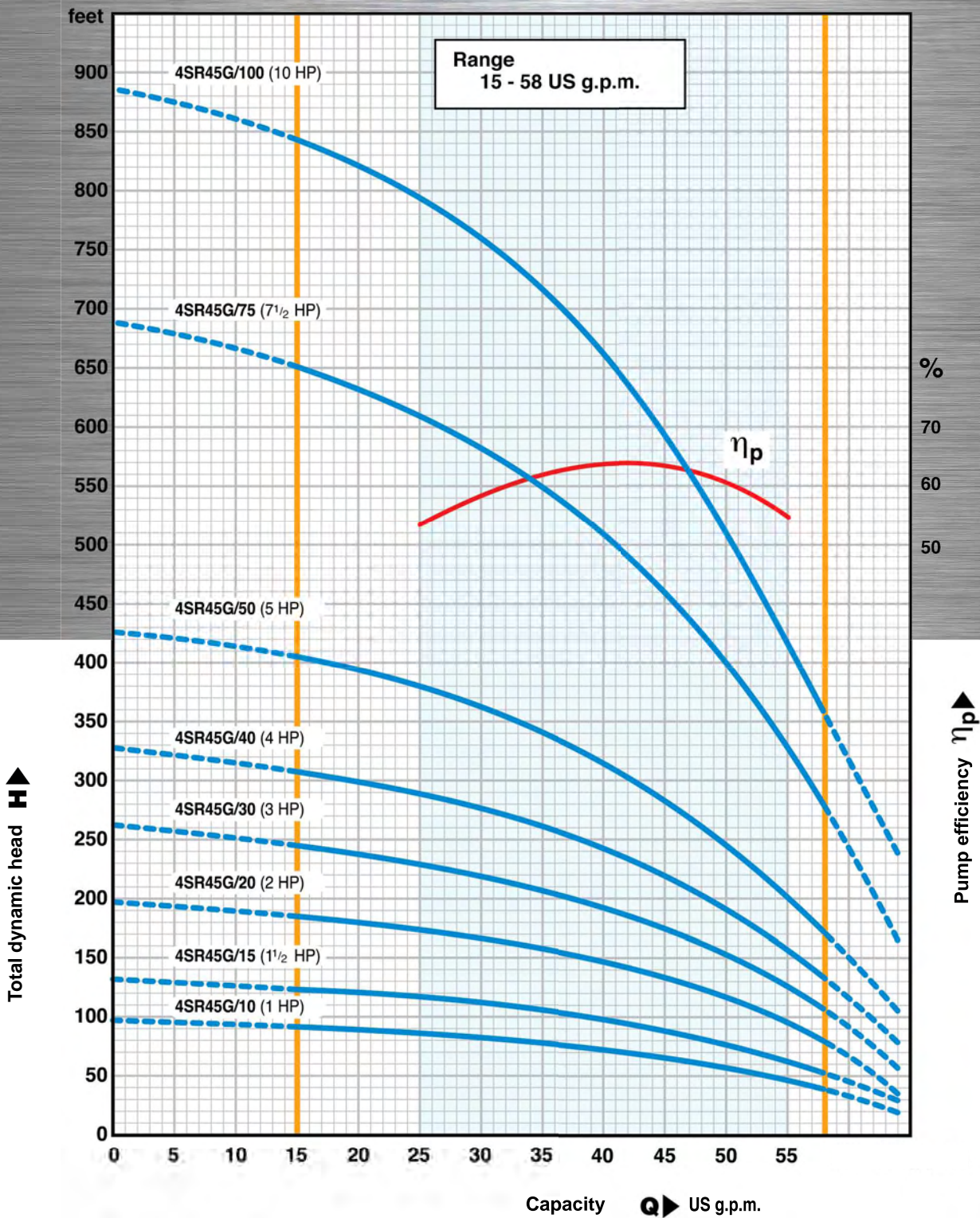


It is recommended to use the pump close to the point of max. efficiency

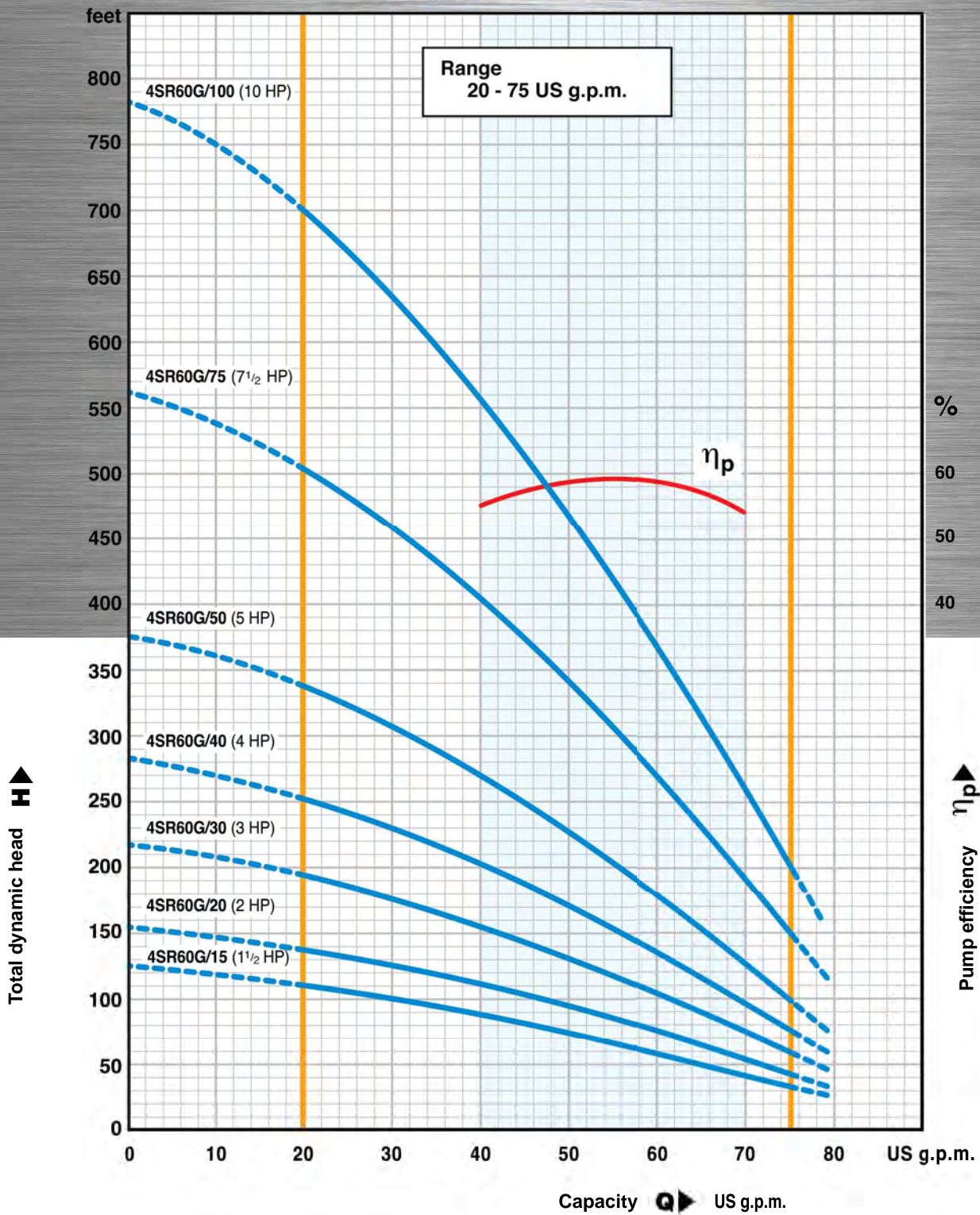


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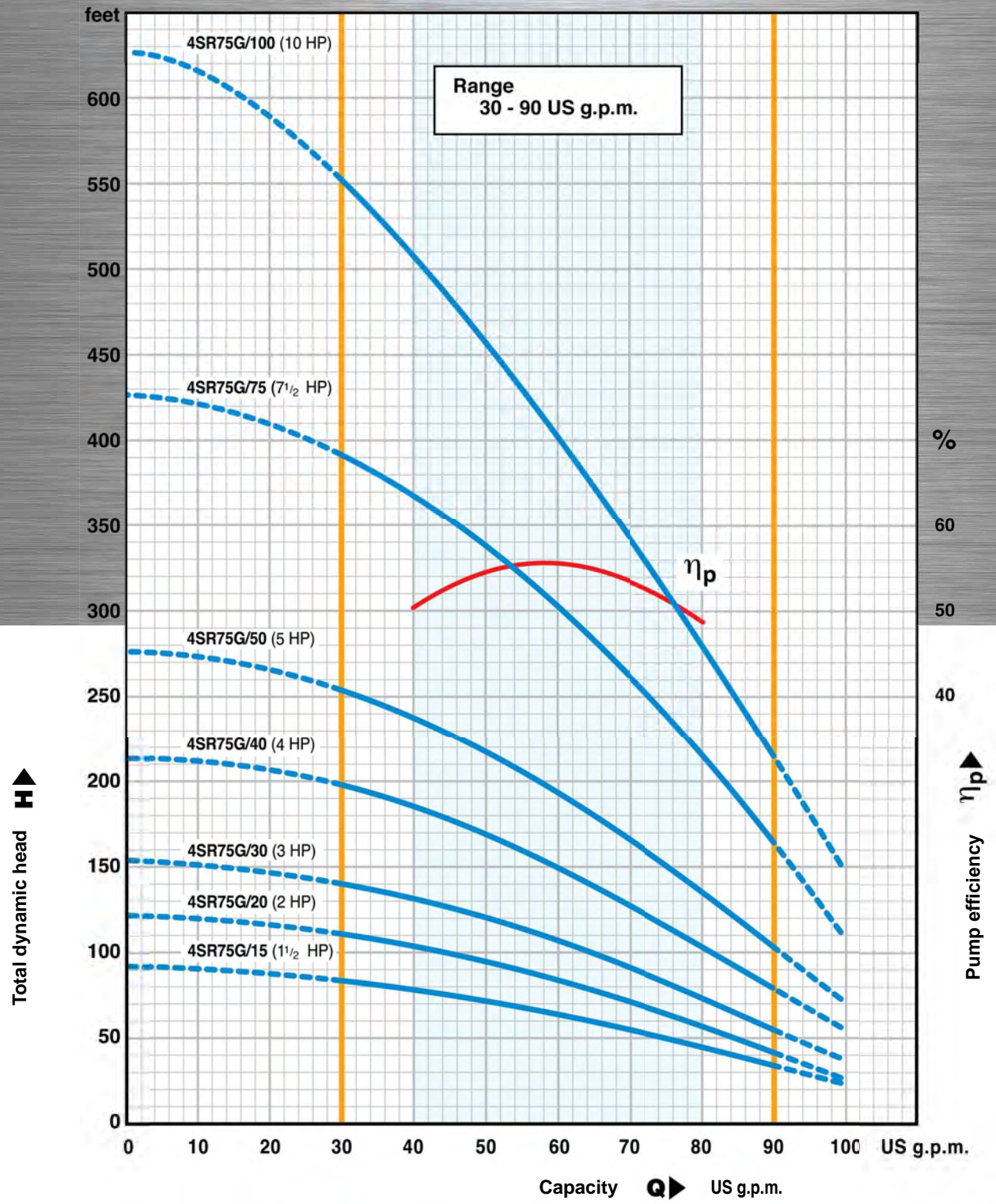


It is recommended to use the pump close to the point of max. efficiency

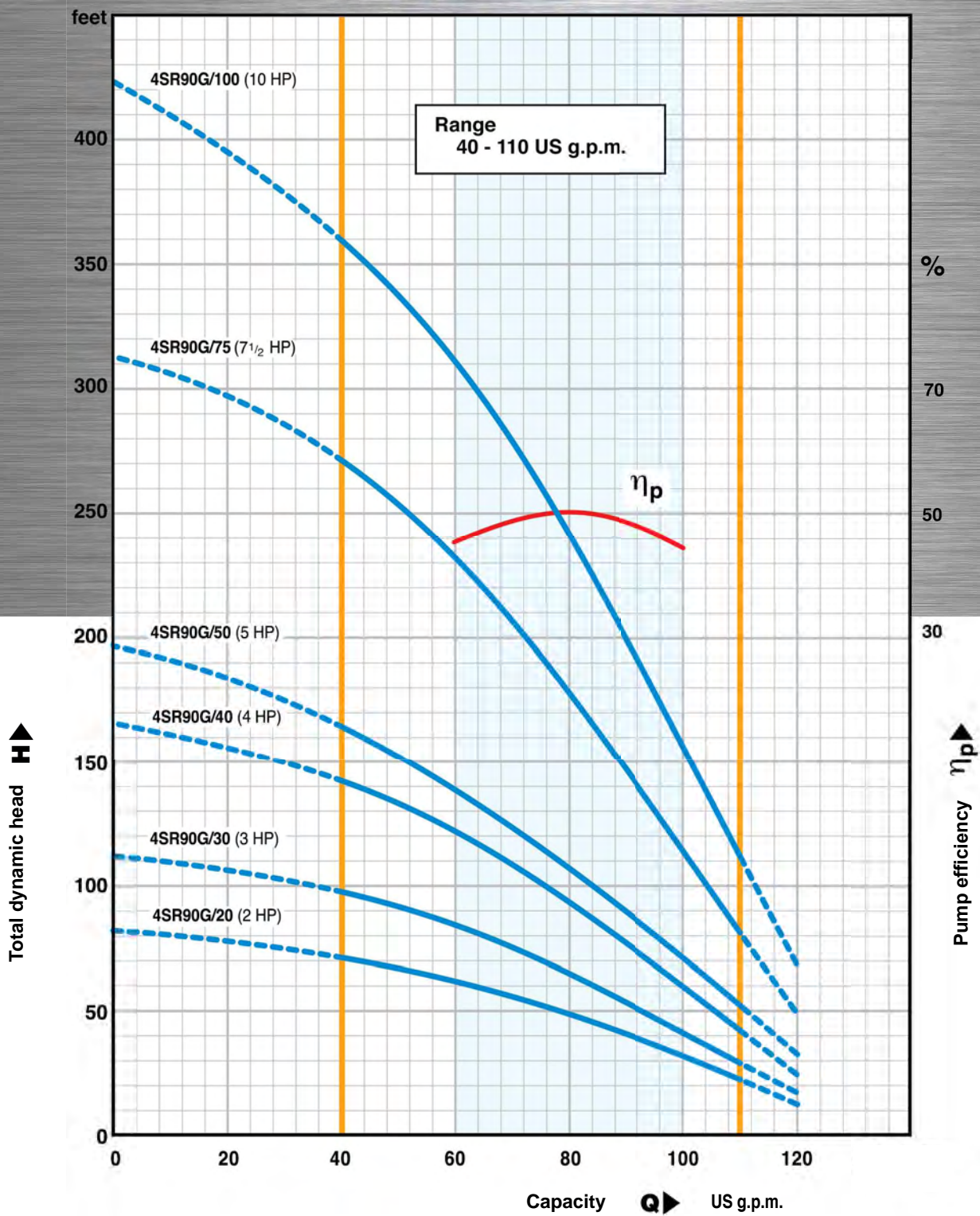


It is recommended to use the pump close to the point of max. efficiency





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4SR7G Selection Chart

Horsepower Range: 1/2 - 1 1/2 HP Recommended Range: 1.5 - 9.0 US g.p.m. 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																														
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700				
4SR7G/3	1/3	0					8.5	7.6	6.6	5.2	4	2.4																			
		20		8.8	8.2	7.4	6.4	5.2	3.7	1.6																					
		30		8.2	7.3	6	5.4	3.4	1.6																						
		40	8.1	7.3	6.1	4.8	3.5	1.5																							
		50	7.2	5.5	4.6	2.4																									
		60	5.8	4.3	2.3																										
Shut -off PSI			86	78	69	60	52	43	35	26	17	9																			
4SR7G/5	1/2	0							9	8.6	8.1	7.6	7.1	6.3	5.8	5.1	4.2	1.7													
		20						8.3	7.9	7.3	6.7	6.1	5.5	4.7	3.9	2.3															
		30					8.4	7.8	7.2	6.7	6.2	5.4	4.7	3.5	2.4																
		40				8.3	7.9	7.3	6.8	6.1	5.3	4.5	3.6	2.3																	
		50		8.7	8.2	7.7	7.3	6.7	5.9	5.1	4.3	3.4	2.1																		
		60	8.5	8.1	7.6	7.1	6.5	5.8	5.2	4.2	3.2	1.7																			
Shut -off PSI			147	139	130	122	113	104	95	86	78	69	61	52	43	35	26	9													
4SR7G/7	3/4	0								9.2	8.9	8.5	8.1	7.7	7.3	6.8	6.3	5	3.4												
		20						9	8.7	8.3	8	7.5	7.1	6.5	6	5.4	4.8	3.8													
		30					9.1	8.7	8.3	8	7.5	7.1	6.5	6	5.4	4.8	3.8	1.9													
		40				9	8.7	8.3	7.9	7.5	7.1	6.5	5.7	5.4	4.7	3.8	3														
		50			9.1	8.6	8.3	8	7.6	7.1	6.5	5.9	5.4	4.7	3.8																
		60	9.2	8.8	8.5	8.1	7.7	7.3	6.8	6.3	5.7	5	4.2	3.4	2.4																
Shut -off PSI			182	174	165	156	148	139	130	122	113	104	95	87	78	69	60	43	26												
4SR7G/10	1	0									9.2	9	8.8	8.5	8.3	7.9	7.3	6.5	5.7	4.6	3.4										
		20								9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.4	5.4	4.4	3	1.6									
		30							9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	5.9	4.9	3.8	2.4	1.6									
		40					9.1	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.4	4.4	3.1	1.7											
		50				9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.2	4.6	3.1	1.6												
		60			9.2	9	8.8	8.5	8.3	8	7.6	7.3	6.9	6.5	6.1	5.7	5.1	4	2.8												
Shut -off PSI			243	237	226	217	209	200	191	182	174	165	156	148	139	130	122	104	87	69	52	43									
4SR7G/15	1 1/2	0												9.2	9.1	8.9	8.5	8.1	7.6	7	6.3	5.6	4.8	3.8	2.8	1.6					
		20											9.1	9	8.8	8.6	8.4	7.9	7.4	6.9	6.1	5.4	4.5	3.6	2.4						
		30										9.1	9	8.8	8.6	8.4	8.2	7.7	7.1	6.5	5.8	4.9	4.1	3	1.9						
		40									9.1	9	8.8	8.6	8.4	8.2	7.9	7.4	6.8	6.1	5.4	4.5	3.8	2.5							
		50								9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7	6.3	5.6	4.7	3.8	2.8	1.6							
		60					9.2	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.3	6.7	6	5.2	4.3	3.3	2.2									
Shut -off PSI			316	307	299	290	281	273	264	255	247	238	229	221	212	203	195	177	160	143	126	108	91	74	56	39	22				

4SR7G Selection Chart

Horsepower Range: **2 - 3 HP** Recommended Range: **1.5 - 9.0 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																																
	HP	PSI	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900	940	980	1020	1060	1100	1140	1180	1220		
4SR7G/20	2	0								9.3	9.0	8.7	8.3	7.9	7.5	7.0	6.5	5.9	5.3	4.6	3.9	3.2	2.4	1.6									
		20							9.2	8.9	8.6	8.3	7.8	7.4	6.9	6.4	5.8	5.2	4.5	3.8	3.1	2.3	1.5										
		30				9.3	9.2	9.1	8.8	8.4	8.0	7.6	7.1	6.6	6.0	5.4	4.8	4.1	3.4	2.6	1.8												
		40			9.3	9.2	9.0	8.9	8.6	8.2	7.8	7.3	6.8	6.3	5.7	5.1	4.4	3.7	3.0	2.2	1.3												
		50		9.3	9.2	9.0	8.9	8.7	8.4	8.0	7.5	7.0	6.5	6.0	5.3	4.7	4.0	3.3	2.5	1.7													
		60	9.3	9.1	9.0	8.8	8.7	8.5	8.1	7.7	7.2	6.7	6.2	5.6	5.0	4.3	3.6	2.8	2.0														
Shut-off PSI			327	319	310	301	293	284	267	249	232	215	197	180	163	145	128	111	93	76	59	41	24										
4SR7G/30	3	0											9.2	9.0	8.7	8.5	8.2	7.9	7.5	7.2	6.8	6.4	5.9	5.5	5.0	4.5	3.9	3.4	2.8	2.1	1.5		
		20									9.3	9.2	8.9	8.7	8.4	8.1	7.8	7.5	7.1	6.7	6.3	5.9	5.4	4.9	4.4	3.8	3.3	2.7	2.0	1.4			
		30									9.2	9.0	8.8	8.5	8.3	8.0	7.6	7.3	6.9	6.5	6.1	5.6	5.1	4.6	4.1	3.5	2.9	2.3	1.7				
		40								9.3	9.1	8.9	8.7	8.4	8.1	7.8	7.4	7.1	6.7	6.2	5.8	5.3	4.8	4.3	3.7	3.2	2.6	1.9	1.3				
		50								9.2	9.0	8.8	8.5	8.2	7.9	7.6	7.2	6.8	6.4	6.0	5.5	5.0	4.5	4.0	3.4	2.8	2.2	1.6					
		60							9.3	9.1	8.9	8.6	8.3	8.0	7.7	7.4	7.0	6.6	6.2	5.7	5.2	4.7	4.2	3.7	3.1	2.5	1.8						
Shut-off PSI			468	460	451	442	434	425	408	390	373	355	338	321	303	286	269	251	234	217	199	182	165	147	130	113	95	78	61	43	26		

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.



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4SR10G Selection Chart

Horsepower Range: 1/3 - 2 HP Recommended Range: 3 - 14 US g.p.m. 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																													
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660				
4SR10G/3	1/3	0			13.4	12.0	10.0	6.4	4.0																					
		20		13.0	9.8	6.8																								
		30	11.2	8.8	6.4																									
		40	8.8	6.2																										
		50	4.0																											
		60																												
Shut-off PSI			60	51	42	34	25	16	8																					
4SR10G/5	1/2	0			14.6	13.9	13.0	11.7	10.1	8.3	6.1	3.7																		
		20	14.4	13.7	12.6	11.3	9.6	7.6	5.4	2.8																				
		30	13.5	12.4	11.0	9.3	7.3	5.0	2.4																					
		40	12.2	10.8	9.0	7.0	4.6	2.0																						
		50	10.5	8.7	6.6	4.3																								
		60	8.4	6.3	3.9																									
Shut-off PSI			86	77	68	60	51	42	34	25	16	8																		
4SR10G/7	3/4	0					13.5	12.9	12.2	11.5	10.7	9.8	8.8	7.8	6.2	4.5														
		20				13.5	12.7	12.0	11.2	10.4	9.6	8.4	7.2	5.6	4.8															
		30				13.2	12.6	11.8	11.2	10.2	9.4	8.2	7.0	5.4																
		40		13.2	12.6	11.8	11.2	10.2	9.4	8.2	7.0	5.6																		
		50	12.9	12.2	11.5	10.7	9.8	8.8	8.8	9.8	6.2	4.5																		
		60	12.2	11.5	10.5	9.8	8.8	7.6	6.2	4.5																				
Shut-off PSI			138	129	120	112	103	94	86	77	68	60	51	42	34	25	16													
4SR10G/10	1	0						13.9	13.3	12.8	12.2	11.8	11.1	10.4	9.7	9.0	7.2	4.6												
		20					13.6	13.0	12.6	12.0	11.6	10.8	10.2	9.4	8.6	7.6	6.6													
		30					13.6	13.0	12.6	12.0	11.6	10.8	10.1	9.3	8.6	7.8	6.6													
		40					13.5	13.0	12.5	12.0	11.4	10.8	10.2	9.4	8.6	7.8	6.5													
		50		13.3	12.7	12.2	11.7	11.1	10.4	9.8	9.0	8.2	7.2	6.0																
		60	13.3	12.7	12.2	11.7	10.9	10.4	9.8	9.0	8.2	7.2	6.0																	
Shut-off PSI			173	165	156	147	139	130	121	113	104	95	87	78	69	61	52	35	17											
4SR10G/15	1 1/2	0								14.0	13.5	13.0	12.6	12.2	11.8	11.3	10.3	9.2	7.9	6.2	4.1									
		20								13.7	13.3	12.8	12.4	12.0	11.5	11.0	10.6	10.0	8.8	7.4	5.8	3.4								
		30								13.7	13.2	12.8	12.4	12.0	11.5	11.0	10.6	10.0	9.4	8.2	6.8	3.4								
		40								13.8	13.3	12.8	12.4	12.0	11.5	11.0	10.6	10.0	9.4	8.8	7.4	5.8	3.4							
		50								13.5	13.0	12.6	12.2	11.8	11.3	10.8	10.2	9.7	9.2	8.5	7.9	6.2	4.0							
		60								13.5	13.0	12.6	12.2	11.7	11.3	10.8	10.3	9.8	9.2	8.5	8.0	7.2	5.2							
Shut-off PSI			225	216	208	199	190	182	173	165	156	147	139	130	121	112	104	87	69	52	35	17								
4SR10G/20	2	0												13.9	13.6	13.3	13.0	12.4	11.7	11.0	10.2	9.4	8.4	7.2	6.0	4.2				
		20												13.4	13.2	12.9	12.6	12.2	11.3	10.8	10.0	9.1	8.2	7.0	5.6	3.7				
		30												13.6	13.1	12.8	12.5	12.2	11.9	11.2	10.2	9.6	8.7	7.6	6.2	4.7				
		40												13.6	13.2	12.8	12.6	12.2	11.9	11.6	10.8	10.0	9.1	8.2	7.0	5.6				
		50												13.3	13.0	12.7	12.4	12.0	11.7	11.4	11.0	10.2	9.4	8.4	7.2	6.0				
		60												13.3	13.0	12.7	12.4	12.1	11.7	11.4	11.0	10.6	9.8	8.8	7.8	6.6	5.2			
Shut-off PSI			303	294	286	277	268	260	251	242	234	225	216	208	199	190	182	165	147	130	113	95	78	61	43	26				

4SR13G Selection Chart

Horsepower Range: **1/2 - 2 HP** Recommended Range: **3 - 18 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																											
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620			
4SR13G/5	1/2	0				17.6	16.4	15.1	13.3	11.4	9.6	6.8	3.2															
		20	18.3	17.1	15.6	14.4	12.6	10.5	8.4	4.5																		
		30	17.2	15.5	14.5	12.7	10.4	8.5	4.4																			
		40	15.7	14.6	12.5	10.6	8.6	4.2																				
		50	13.3	11.4	9.6	6.8	3.2																					
		60	11.3	9.8	6.7	3.1																						
Shut -off PSI			89	80	71	63	54	45	37	28	19	11	2															
4SR13G/7	3/4	0					18.2	17.3	16.4	15.2	14.1	12.3	10.8	9.3	6.7													
		20			17.7	16.8	15.6	14.4	12.5	11.8	10.1	7.9	4.7															
		30		17.9	16.7	15.5	14.5	12.6	11.7	10.2	8.1	4.8																
		40	17.8	16.8	15.6	14.4	12.6	11.6	10.4	8	4.8																	
		50	16.3	15.3	14.2	12.2	10.9	9.4	6.8	2.7																		
		60	15.1	14.4	12.1	11.1	9.5	6.9	2.9																			
Shut -off PSI			117	108	100	91	82	74	65	56	48	39	30	22	13													
4SR13G/10	1	0					18.4	17.3	16.4	15.7	14.7	14	12.8	11.5	10.3	8.8	3.2											
		20			17.8	17	16.2	15.3	14.2	13.3	12.1	10.9	9.7	7.7	5.8	1.9												
		30		17.9	17.1	16.3	15.2	14.3	13.4	12.1	11	9.8	7.6	5.9	2.1													
		40	17.8	17.1	16.4	15.1	14.4	13.2	12.2	11.2	9.9	7.7	6.1	2														
		50	17.3	16.4	15.7	14.6	13.9	12.8	11.5	10.3	8.8	6.8	3															
		60	16.3	15.8	14.6	14.1	12.9	11.4	10.5	8.9	6.7	3.1																
Shut -off PSI			145	136	128	119	110	102	93	84	76	67	58	50	41	32	24	9										
4SR13G/15	1 1/2	0							18	17.6	16.8	16.4	15.7	15.1	14.4	13.8	12.4	10.3	8.1	4.4								
		20				18.4	17.8	16.8	16.5	16	15.3	14.8	13.7	13.1	12.6	11.8	10	7.3	2.8									
		30			18.3	17.9	16.9	16.5	15.9	15.4	14.9	13.6	13	12.5	11.7	11.1	8.8	5.6	2.4									
		40		18.4	18	16.8	16.4	16.1	15.5	15.1	13.8	12.9	12.6	11.8	11.2	10.1	7.4	2.4										
		50	18.1	17.6	16.8	16.3	15.7	15.1	14.5	13.8	13.2	12.4	11.3	10.3	9.2	8.1	4.4											
		60	18	17.5	16.9	16.2	15.6	14.9	14.4	13.8	13.1	12.5	11.4	10.2	9.3	8.2	4.5											
Shut -off PSI			199	190	182	173	165	156	147	139	130	121	113	104	95	87	78	61	43	26	9							
4SR13G/20	2	0									18.4	18	17.6	17.2	16.8	16.3	15.4	14.4	13.3	12.1	10.8	9.2	7.3	4.1				
		20							18.2	17.8	17.3	16.9	16.5	16.2	15.7	15.1	14.1	13	11.7	10.3	8.5	6.4	2.8					
		30						18.3	17.7	17.2	16.7	16.4	16	15.7	15.2	14	13.3	11.8	10.4	8.6	6.3	2.9						
		40					18.2	17.8	17.4	16.8	16.4	15.9	15.6	15.3	13.9	13.1	11.7	10.5	8.5	6.2	2.8							
		50			18.4	18	17.6	17.2	16.8	16.3	15.8	15.4	14.8	14.4	13.6	13.3	12.1	10.8	9.2	7.3	4.1							
		60		18.3	17.9	17.5	17.1	16.8	16.2	15.7	15.3	14.7	14.3	13.5	13.1	12.3	10.7	9.4	7.2	4								
Shut -off PSI			271	262	253	245	236	227	219	210	201	193	184	175	167	158	149	132	115	97	80	63	45	28	13			

4SR13G Selection Chart

Horsepower Range: **3 - 5 HP** Recommended Range: **3 - 18 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																															
	HP	PSI	280	300	340	380	420	460	500	540	580	620	660	700	740	780	820	860	900	940	980	1020	1060	1100	1140	1180	1260	1300				
4SR13G/30	3	0	18.2	17.8	17.2	16.5	16	15.2	14.6	13.8	13.1	12	11.3	10.1	8.9	7.1	4.8															
		20	17.5	17.2	16.4	15.7	15.1	14.4	13.6	12.8	11.8	10.9	9.6	8.2	6.5	4.1	2															
		30	17.2	16.5	15.6	15.2	14.5	13.7	12.7	11.8	11	9.7	8.3	6.4	4.2	1.9																
		40	16.4	15.7	15	14.5	13.7	12.8	12	10.9	9.7	8.4	6.4	4.3	2.1																	
		50	16.2	15.9	14.8	14.2	13.4	12.6	11.7	10.6	9.3	8	6.1	3.3																		
		60	16.1	15.2	14.7	13.9	13	12.2	11.4	10.2	8.9	7.1	4.7																			
Shut -off PSI			255	247	229	212	195	177	160	143	126	108	91	74	56	39	22															
4SR13G/40	4	0				18.0	17.5	17.0	16.4	16.0	15.6	15.0	14.3	13.8	13.0	12.4	11.7	10.5	9.8	8.4	7.0	5.2	3.0									
		20			17.9	17.5	16.9	16.4	15.9	15.5	14.6	14.2	13.8	13.0	12.2	11.5	10.4	9.5	8.2	6.6	5.0	3.0										
		30		18.0	17.6	17.4	16.5	16.2	15.8	15.0	14.5	13.9	13.2	12.5	11.8	11.0	9.9	8.6	7.5	5.8	3.8											
		40	18.0	17.8	17.4	16.6	16.3	15.8	15.3	14.6	14.1	13.6	12.9	12.1	11.5	10.4	9.5	8	6.4	5.0												
		50	18.0	17.6	17.0	16.5	16.0	15.5	15.0	14.4	13.8	13.2	12.2	11.6	10.5	9.6	8.4	7.1	5.6	3.6												
		60	17.5	17.3	16.6	16.2	15.8	15.2	14.5	14.1	13.5	12.5	12.0	11.1	10.2	9.0	7.8	6.3	4.2													
Shut -off PSI			335	347	329	312	295	277	260	243	225	208	191	173	156	139	121	104	87	69	52	35	18									
4SR13G/50	5	0					18.0	17.8	17.0	16.5	16.1	15.7	15.4	14.9	14.3	13.8	13.4	12.5	12.0	11.4	10.4	9.5	8.5	7.5	6.3	4.6	3.0					
		20				18.0	17.7	17.5	16.9	16.4	16.0	15.6	15.2	14.6	14.1	13.7	13.2	12.4	11.8	11.2	10.2	9.5	8.4	7.4	6.2	4.5						
		30				17.8	17.5	17.0	16.6	16.3	15.9	15.5	15.0	14.5	14.0	13.5	12.8	12.2	11.5	10.6	9.8	9.0	7.9	6.6	5.3	3.6						
		40				18.0	17.8	18.4	16.9	16.5	16.2	15.8	15.4	14.6	14.2	13.8	13.0	12.5	11.8	11.1	10.2	9.5	8.5	7.3	6.2	4.5						
		50			18.0	17.8	17.5	17.0	16.5	16.2	15.9	15.5	15.0	14.5	13.8	13.2	12.6	12.1	11.5	10.5	9.8	8.6	7.9	6.5	5.0	3.4						
		60			18.0	17.6	17.2	16.8	16.4	16.0	15.6	15.2	14.6	14.1	13.6	13.0	12.4	11.6	10.6	10.0	9.2	9.0	6.9	5.6	4.0							
Shut -off PSI			464	455	438	421	403	386	368	351	334	316	299	282	264	247	230	212	195	178	160	143	126	108	91	74	39	21				

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.



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4SR25G Selection Chart

Horsepower Range: **1/2 - 4 HP** Recommended Range: **5 - 32 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																																	
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540	580	620	660								
4SR25G/5	1/2	0		32	30.4	26.4	22.4	16																										
		20	30.9	25.2	19.2	12.8																												
		30	24.8	19.2	12.9																													
		40	19.2	12.8																														
		50	8.2																															
		60																																
Shut-off PSI			57	48	39	30	22	13																										
4SR25G/7	3/4	0			32	29.6	26.4	22.5	17.6	13.5																								
		20	31.2	28	23.9	20.8	15.2	9.6																										
		30	27.8	24.1	20.9	15.4	9.5																											
		40	23.9	21	15.6	9.4																												
		50	17.6	13.5	5.6																													
		60	13.2	5.4																														
Shut-off PSI			71	63	54	45	37	28	19	11																								
4SR25G/10	1	0				32	29.1	25.6	22.4	17.6	13.5	8.1																						
		20				27.2	23.5	20.1	15.3	10.4	4.2																							
		30				27.3	23.2	20.3	15.4	10.3	4.5																							
		40				27.2	23.4	20.2	15.3	10.5	4.4																							
		50				21.6	17.6	13.5	8.1																									
		60				17.5	13.6	8.2																										
Shut-off PSI			84	76	67	58	50	41	32	24	15	9																						
4SR25G/15	1 1/2	0						31.3	29.6	27.9	25.1	23.2	20.1	17.3	13.7	9.4	4.2																	
		20						32	30.4	28.5	26.4	24.1	22.4	18.7	15.2	12.1	7.2																	
		30						31.9	30.5	28.4	26.5	24.2	22.3	18.9	15.1	12.3	7.3																	
		40						32	30.6	28.6	26.5	24	22.4	18.7	15.3	12.1	7.4																	
		50						29.6	27.9	25.1	23.2	20.1	17.3	13.7	9.4	4.2																		
		60						27.7	25.3	23.1	19.9	17.4	13.6	9.5	4.3																			
Shut-off PSI			126	117	108	100	91	82	74	65	56	48	39	30	22	13	4																	
4SR25G/20	2	0							32	30.6	28.8	27.5	26.1	24.4	22.3	20.8	18.4	13.6	5.6															
		20							29.4	28.3	26.7	25.2	23.3	21.6	19.5	17.3	13.9	11.5	4.1															
		30							29.5	28.4	26.5	25.1	23.5	21.4	19.7	17.2	13.8	11.6																
		40							29.4	28.2	26.6	25.3	23.4	21.4	19.6	17.3	13.7	11.4																
		50							32	30.5	28.9	27.4	26.2	24.3	22.4	20.7	18.5	13.5	5.7															
		60							30.4	29.1	27.3	26.1	24.5	22.2	20.8	18.7	13.4	5.9																
Shut-off PSI			165	156	147	139	130	121	113	104	95	87	78	69	61	52	43	26	9															
4SR25G/30	3	0									32	31.2	30.1	28.7	27.9	26.4	25.1	22.4	19.3	15.8	11.4	5.2												
		20										31.5	30.6	29.9	28.4	27.2	26.1	24.7	23.3	21.9	18.8	14.9	10.1	3.3										
		30										31.4	30.7	29.7	28.5	27.3	26	24.5	23.1	21.8	18.9	15.1	10.2	3.4										
		40										31.5	30.6	29.9	28.4	27.2	26.2	24.7	23.2	22.1	18.9	14.7	10.1	3.5										
		50											31.9	31.2	30.1	28.7	27.9	26.4	25.1	22.4	19.3	15.8	11.4	5.2										
		60												32	31.4	29.9	28.9	27.8	26.5	25.1	22.3	19.5	15.7	11.3	5.4									
Shut-off PSI			216	208	199	190	182	173	165	156	147	139	130	121	113	104	95	78	61	43	26	11												
4SR25G/40	4	0													32	31.2	30.4	29.1	27.6	25.7	23.6	21.6	19.2	16.1	12.9	8.2	2.3							
		20														31.4	30.5	29.9	28.7	28.1	27.3	25.1	23.2	20.8	18.4	15.4	12.1	7						
		30															31.5	30.6	29.8	28.6	28	27.4	26.1	24	21.9	20.1	16.9	13.6	6.8	3.6				
		40																31.4	30.5	29.8	28.8	28	27.4	25.2	23.3	20.7	18.6	15.2	12.3	11.8	7.2			
		50																	32	31.2	30.4	29.2	28.4	27.6	26.3	25.7	24.9	23.6	21.6	19.2	16.1	12.9	8.2	2.3
		60																		31.9	31.3	30.3	29.1	28.5	27.6	26.4	25.7	24.8	23.6	22.5	20.8	17.6	14.3	10.5
Shut-off PSI			281	273	264	255	247	238	229	221	212	203	195	186	177	169	160	143	126	108	91	74	56	39	22	4								

4SR25G Selection Chart

Horsepower Range: **5 - 10 HP** Recommended Range: **5 - 32 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																														
	HP	PSI	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1500	1580				
4SR25G/50	5	0	32	30.4	28.8	26.7	25.3	23.2	21.1	18.5	15.4	12.1	8.1																		
		20	30.3	28.7	26.5	25.4	23.3	21.3	18.7	15.3	12.2	8.4	1.6																		
		30	29.6	27.3	26.5	23.7	22.4	20.1	17.6	14.3	10.2	5.5																			
		40	29.3	27.2	25.6	23.5	21.4	19.3	16.5	12.8	8.7	3.3																			
		50	28	26.4	24.1	21.6	19.9	17.5	14.4	10.3	5.5																				
		60	27.2	25.5	23.7	21.4	19.3	16.5	12.8	8.7	3.3																				
Shut-off PSI			242	221	199	177	156	134	113	91	69	48	26																		
4SR25G/75	7 1/2	0				31.8	30.5	29.8	28.5	27.6	26.2	25.0	23.8	22.5	21.0	19.5	17.5	15.5	13.0	10.0	7.5										
		20			32.0	31.5	30.0	29.0	28.0	26.9	25.5	24.2	23.0	21.8	20.0	18.2	16.5	14.4	11.5	9.0	5.0										
		30			31.8	30.5	29.8	28.5	27.6	26.2	25.0	23.8	22.5	21.0	19.5	17.5	15.5	13.0	10.0	7.5											
		40			31.5	30.2	29.0	28.2	27.0	26.0	24.5	23.2	22.0	20.5	18.2	17.0	14.2	12.1	9.0	5.5											
		50			31.9	31.0	29.8	28.7	25.5	26.5	25.0	24.0	22.2	21.2	19.5	17.8	15.5	13.2	10.2	8.0											
		60			31.5	30.2	28.9	28.1	26.9	25.9	24.4	23.1	21.9	20.4	18.1	16.9	14.1	12.0	8.9	5.4											
Shut-off PSI			425	403	381	360	338	316	295	273	251	230	208	186	165	143	121	100	78	56	35										
4SR25G/100	10	0						31.9	31.2	30.2	29.5	28.7	28.0	27.5	26.2	25.0	24.2	23.5	22.1	21.0	19.8	18.2	17.0	15.5	13.5	9.5	5.0				
		20						31.5	30.5	30.0	29.2	28.5	27.5	27.0	25.8	24.8	23.8	23.0	21.5	20.5	18.5	17.5	16.0	14.5	12.5	8.0					
		30						31.9	31.2	30.2	29.5	28.7	28.0	27.5	26.2	25.0	24.2	23.5	22.1	21.0	19.8	18.2	17.0	15.5	13.5	9.5	5.0				
		40						31.5	30.5	30.0	29.5	28.5	27.8	27.0	25.8	24.9	24.0	23.0	21.5	20.5	19.5	18.0	16.5	14.5	13.0	8.5					
		50						32.0	31.2	30.4	29.5	28.8	28.2	27.5	26.5	25.5	24.5	23.5	22.4	21.2	20.0	18.5	17.3	15.6	14.0	11.5	7.0				
		60						31.5	30.6	30.1	29.5	28.6	27.9	26.9	26.0	25.0	24.1	23.1	21.6	20.7	19.6	18.1	16.6	14.6	13.1	8.7					
Shut-off PSI			585	564	542	520	499	477	455	434	412	390	368	347	325	303	282	260	238	217	195	152	130	108	87	43	30				

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.



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4SR33G Selection Chart

Horsepower Range: **1/2 - 5 HP** Recommended Range: **10 - 48 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																									
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420	460	500	540			
4SR33G/5	1/2	0		48	40	25																				
		20	31	15																						
		30	16																							
		40																								
		50																								
		60																								
Shut -off PSI			35	26	17	9																				
4SR33G/7	3/4	0			47	40	31	16																		
		20	43	35	23	10																				
		30	34	23	9																					
		40	24	10																						
		50																								
		60																								
Shut -off PSI			50	41	32	24	15	6																		
4SR33G/10	1	0				45	40	34	24																	
		20	48	43	37	29	15																			
		30	42	38	29	16																				
		40	37	28	16																					
		50	25	6																						
		60																								
Shut -off PSI			61	52	43	35	26	17	9																	
4SR33G/15	1 1/2	0				48	44	40	34	27	17															
		20		46	41	36	30	21	16																	
		30	46	40	37	29	22	17																		
		40	41	36	31	22	16																			
		50	34	26	17																					
		60	27	18																						
Shut -off PSI			76	67	58	50	41	32	24	17	9															
4SR33G/20	2	0					46	43	39	35	31	25	17													
		20					41	37	33	28	22	11														
		30				42	36	33	27	21	12															
		40		44	41	36	32	29	22	11																
		50	43	39	35	31	26	18																		
		60	28	24	32	26	19																			
Shut -off PSI			104	95	87	78	69	61	52	43	35	26	17	9												
4SR33G/30	3	0					48	46	43	41	39	35	32	28	23	17	6									
		20					47	46	43	41	39	35	32	28	23	17	6									
		30				48	46	43	42	39	35	31	29	22	16	5										
		40			47	45	42	41	38	36	31	28	22	17	6											
		50	48	46	45	42	40	37	34	30	26	20	14													
		60	46	44	42	39	37	33	30	25	21	13														
Shut -off PSI			147	139	130	121	113	104	95	87	78	69	61	52	43	35	25	9								
4SR33G/40	4	0							48	47	45	43	41	40	36	30	24	14								
		20							47	46	44	43	40	38	36	34	29	22	9							
		30							47	45	44	42	39	38	36	33	32	26	17							
		40					46	45	44	42	40	37	36	34	32	29	22	9								
		50				48	47	45	43	41	40	38	36	33	30	27	24	13								
		60			48	46	45	43	41	39	38	36	33	29	27	24	14	5								
Shut -off PSI			201	193	184	175	167	158	149	141	132	123	115	106	97	89	80	63	45	28	11					
4SR33G/50	5	0											48	47	45	44	41	38	34	30	25	16				
		20											48	46	45	43	42	40	37	33	29	23	13			
		30											48	46	45	43	42	40	39	35	31	26	19	6		
		40									47	46	44	43	41	40	38	37	33	29	23	13				
		50						48	47	45	44	43	41	40	38	36	34	30	25	15						
		60					48	47	45	44	43	41	40	38	36	34	30	25	14	10						
Shut -off PSI			243	235	226	217	209	200	191	183	174	165	157	148	139	130	122	104	87	70	52	35	17			

4SR33G Selection Chart

Horsepower Range: **7 1/2 - 10 HP** Recommended Range: **10 - 48 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																										
	HP	PSI	240	280	320	360	400	440	480	520	560	600	640	680	720	760	800	840	880	920	960	1000	1040	1080	1120		
4SR33G/75	7 1/2	0				48	46	44	43	41	38	36	33	30	27	23	17	10									
		20			47	46	44	42	40	38	36	33	29	26	19	15	7										
		30		47	45	44	42	40	38	36	33	29	26	19	15	12											
		40	47	46	44	42	40	38	36	33	29	26	25	22	16												
		50	48	46	44	43	41	38	36	33	30	27	23	17	10												
		60	47	45	43	42	40	37	35	32	29	25	20	15	5												
Shut-off PSI			277	260	242	225	208	190	173	156	139	121	104	87	69	52	35	17									
4SR33G/100	10	0							47	45	44	42	41	39	38	36	34	32	29	27	23	19	14	5			
		20						46	45	44	42	40	39	37	35	33	31	29	26	22	18	12	3				
		30					46	45	44	42	40	39	37	35	33	31	29	26	22	18	12	3					
		40				46	45	44	42	40	39	37	35	33	31	29	26	22	18	12	3						
		50				47	45	44	42	41	39	38	36	34	32	29	27	23	19	14	5						
		60			47	45	44	42	41	39	38	36	34	32	29	27	23	19	14	5							
Shut-off PSI			372	355	338	320	303	286	268	251	234	216	199	182	165	147	130	113	95	78	61	43	26	9			

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.



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4SR45G Selection Chart

Horsepower Range: **1 - 5 HP** Recommended Range: **15 - 58 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																					
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420		
4SR45G/10	1	0		58	50	30																
		20	43	15																		
		30	15																			
		40																				
		50																				
		60																				
Shut -off PSI			35	26	17	9																
4SR45G/15	1 1/2	0			55	47	38	20														
		20	51	42	30	5																
		30	41	32	5																	
		40	4																			
		50																				
		60																				
Shut -off PSI			48	39	30	22	13	4														
4SR45G/20	2	0				58	55	50	42	35	16											
		20			54	48	40	29	12													
		30		55	47	41	28	11														
		40	56	48	40	29	12															
		50	44	35	23																	
		60	34	19																		
Shut -off PSI			78	69	61	52	43	35	26	17	9											
4SR45G/30	3	0						56	52	49	44	38	30	20								
		20			58	54	50	46	40	36	25	10										
		30		58	53	49	45	40	35	24	11											
		40	58	53	49	45	40	35	24	11												
		50	52	47	44	38	30	21														
		60	48	45	39	31	22															
Shut -off PSI			104	95	87	78	69	61	52	43	35	26	17	9								
4SR45G/40	4	0							57	54	52	48	45	40	35	27	20					
		20				58	56	53	50	47	42	37	28	24	15							
		30			57	55	54	50	48	41	38	29	25	14								
		40		58	56	53	50	47	42	37	28	24	15									
		50	57	54	51	48	45	40	35	27	20											
		60	54	52	48	45	40	35	28	19												
Shut -off PSI			132	123	115	106	97	89	80	71	63	54	45	37	28	19	13					
4SR45G/50	5	0									57	55	53	51	48	46	42	35	25	5		
		20								56	54	52	49	47	44	41	37	33	21			
		30								56	54	52	49	47	44	41	37	33	21			
		40					57	56	54	52	49	47	44	41	37	33	21					
		50			57	55	53	51	48	46	42	35	25	5								
		60		57	55	53	51	48	46	42	35	25	5									
Shut -off PSI			175	167	158	149	141	132	123	115	106	97	89	80	71	63	54	37	19	2		

4SR45G Selection Chart

Horsepower Range: **7 1/2 - 10 HP** Recommended Range: **15 - 58 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																				
	HP	PSI	200	240	280	320	360	400	440	480	520	560	600	640	680	720	760	800	840	880	
4SR45G/75	7 1/2	0			58	55	53	50	48	44	38	33	26	18	5						
		20		57	55	52	49	46	42	38	32	25	15								
		30	58	56	54	51	48	44	40	37	28	20	5								
		40	57	55	52	49	46	42	37	32	24	15									
		50	55	53	50	47	43	39	33	27	18	5									
		60	54	52	49	45	41	36	30	20	12										
Shut - off PSI			212	195	177	160	143	126	108	91	74	56	39	22	4						
4SR45G/100	10	0				58	56	54	51	49	47	45	42	38	35	30	24	16			
		20				57	55	53	51	49	47	44	41	38	34	29	22	12			
		30			58	56	54	52	50	48	45	43	39	36	31	26	17	8			
		40			57	55	53	50	49	47	44	41	38	33	29	22	13				
		50		58	56	54	52	49	47	45	42	38	35	29	24	16					
		60		57	55	52	50	48	46	43	40	37	32	27	20	16					
Shut - off PSI			297	279	262	245	227	210	193	175	158	141	123	106	89	71	54	37	19		

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.



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4SR60G Selection Chart

Horsepower Range: **1 1/2 - 5 HP** Recommended Range: **20 - 75 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																									
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	340	380	420						
4SR60G/15	1 1/2	0		70	59	48	31																			
		20	53	39	22																					
		30	39	22																						
		40	22																							
		50																								
		60																								
Shut -off PSI			45	37	28	19	11																			
4SR60G/20	2	0		75	67	53	47	34																		
		20	63	53	41	30																				
		30	53	41	27																					
		40	41	27																						
		50																								
		60																								
Shut -off PSI			58	49	41	32	23	15																		
4SR60G/30	3	0			75	68	61	54	47	38	28															
		20	71	65	58	50	42	33	22																	
		30	72	58	50	42	33	22																		
		40	58	50	42	33	22																			
		50	46	38	28																					
		60	38	28																						
Shut -off PSI			86	77	68	60	51	42	34	25	16															
4SR60G/40	4	0				74	69	64	59	53	47	41	34	26												
		20			67	61	56	50	44	37	30	21														
		30		67	61	56	50	44	38	30	21															
		40	67	61	56	50	44	38	30	21																
		50	59	53	47	41	34	26																		
		60	53	47	41	34	26																			
Shut -off PSI			113	104	96	87	78	70	61	52	44	35	26	18												
4SR60G/50	5	0						71	67	64	60	55	52	47	42	37	32									
		20				69	66	62	58	54	49	45	40	35	29	23										
		30				69	66	62	58	54	49	45	40	35	29	23										
		40		69	66	62	58	54	49	45	40	34	29	23												
		50	67	64	60	56	52	47	42	37	32	26														
		60	64	60	56	52	57	42	37	32	26															
Shut -off PSI			154	145	136	128	119	110	102	93	84	76	67	58	50	41	32									

4SR60G Selection Chart

Horsepower Range: **7 1/2 - 10 HP** Recommended Range: **20 - 75 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)																			
	HP	PSI	40	80	120	160	200	240	280	320	360	400	440	480	520	560	600	640	680	
4SR60G/75	7 1/2	0				74	69	64	59	53	47	41	34	25						
		20			73	68	62	57	52	46	39	32	23							
		30		75	70	65	60	54	48	42	36	28								
		40		73	68	62	57	52	46	39	32	23								
		50	73	69	64	58	53	47	41	34	25									
		60	72	66	61	56	50	44	37	30	21									
Shut-off PSI			203	186	169	152	134	117	100	82	65	48	30	13						
4SR60G/100	10	0				75	72	68	64	61	57	53	49	44	40	35	29	23		
		20				74	71	67	64	60	56	52	48	43	38	33	28	22		
		30				72	69	66	62	58	54	50	45	41	36	31	25			
		40			74	71	67	64	60	56	52	48	43	38	33	28				
		50		75	72	68	64	61	57	53	58	44	40	34	29	23				
		60		74	70	68	63	59	55	51	46	42	37	32	30	20				
Shut-off PSI			320	303	286	268	251	234	216	199	182	165	147	130	113	95	78	61	43	

- Notes:**
- 1) Performance shown does not include friction loss in the drop pipe.
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4SR75G Selection Chart

Horsepower Range: **1 1/2 - 5 HP** Recommended Range: **30 - 90 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)													
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240
4SR75G/15	1 1/2	0		84	64	38								
		20	52											
		30	52											
		40												
		50												
		60												
Shut -off PSI			31	22	13	5								
4SR75G/20	2	0		90	78	63	44							
		20	71	54	32									
		30	54	32										
		40	32											
		50												
		60												
Shut -off PSI			43	35	26	17	9							
4SR75G/30	3	0				77	64	50	30					
		20		70	57	42								
		30	70	58	42									
		40	58	42										
		50	30											
		60												
Shut -off PSI			58	49	41	32	23	15	6					
4SR75G/40	4	0				89	81	73	64	54	43			
		20			77	69	59	49	36					
		30		77	69	59	49	36						
		40	77	69	59	49	36							
		50	64	55	43									
		60	55	43										
Shut -off PSI			84	75	66	58	49	40	32	23	14			
4SR60G/50	5	0					90	84	78	72	65	57	49	38
		20				81	75	68	61	53	44	32		
		30			81	75	68	61	53	44	32			
		40		81	75	68	61	53	44	32				
		50	78	72	65	57	49	38						
		60	72	65	57	49	38							
Shut -off PSI			111	103	94	85	77	68	59	51	42	33	25	16

4SR75G Selection Chart

Horsepower Range: **7 1/2 - 10 HP** Recommended Range: **30 - 90 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)													
	HP	PSI	80	120	160	200	240	280	320	360	400	440	480	520
4SR75G/75	7 1/2	0				83	75	66	55	43				
		20		87	81	72	63	52	39					
		30		85	77	68	52	46	31					
		40	89	81	72	63	52	39						
		50	83	75	66	55	43							
		60	79	70	60	50	35							
Shut-off PSI			150	133	116	98	81	64	46	29				
4SR75G/100	10	0					86	80	74	67	60	54	46	38
		20				84	78	72	66	58	51	44	35	
		30			88	82	75	68	62	55	48	40	31	
		40			84	78	72	66	58	51	44	35		
		50		86	80	74	67	60	54	46	37			
		60	86	83	77	70	64	57	50	42	33			
Shut-off PSI			242	224	207	190	172	155	138	120	103	86	68	51

- Notes:**
- 1) Performance shown does not include friction loss in the drop pipe.
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4SR90G Selection Chart

Horsepower Range: **2 - 5 HP** Recommended Range: **40 - 110 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)													
	HP	PSI	20	40	60	80	100	120	140	160	180	200	220	240
4SR90G/20	2	0		88	64									
		20	48											
		30												
		40												
		50												
		60												
Shut -off PSI			27	18	10									
4SR90G/30	3	0		101	84	65								
		20	75	52										
		30	52											
		40												
		50												
		60												
Shut -off PSI			40	31	23	14								
4SR90G/40	4	0			102	92	77	63	46					
		20		84	70	55								
		30	84	70	55									
		40	70	55										
		50	46											
		60												
Shut -off PSI			64	55	47	38	29	21	12					
4SR90G/50	5	0				95	84	72	59	44				
		20			78	66	51							
		30		78	66	51								
		40	78	66	51									
		50	59											
		60	44											
Shut -off PSI			77	68	59	51	42	33	25	16				

4SR90G Selection Chart

Horsepower Range: **7 1/2 - 10 HP** Recommended Range: **40 - 110 US g.p.m.** 60 Hz, 3450 r.p.m.

MODEL	Depth to Water in Feet (Ratings in US g.p.m.)													
	HP	PSI	80	120	160	200	240	280	320	360	400	440	480	520
4SR90G/75	7 1/2	0		98	86	72	57							
		20	95	83	69	52								
		30	89	76	61	41								
		40	83	69	52									
		50	72	57										
		60	57											
Shut -off PSI			100	83	66	48	31							
4SR90G/100	10	0		108	99	90	80	70	56	40				
		20	106	97	88	78	67	53						
		30	102	92	83	72	60	44						
		40	97	88	78	67	53							
		50	90	80	70	56	40							
		60	80	75	64	49								
Shut -off PSI			148	131	113	96	79	61	44	27				

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

CAUTION: DO NOT USE pump at flow rates outside the recommended range. To do so may cause premature failure of the unit. Pump warranty void when failure occurs under these conditions.

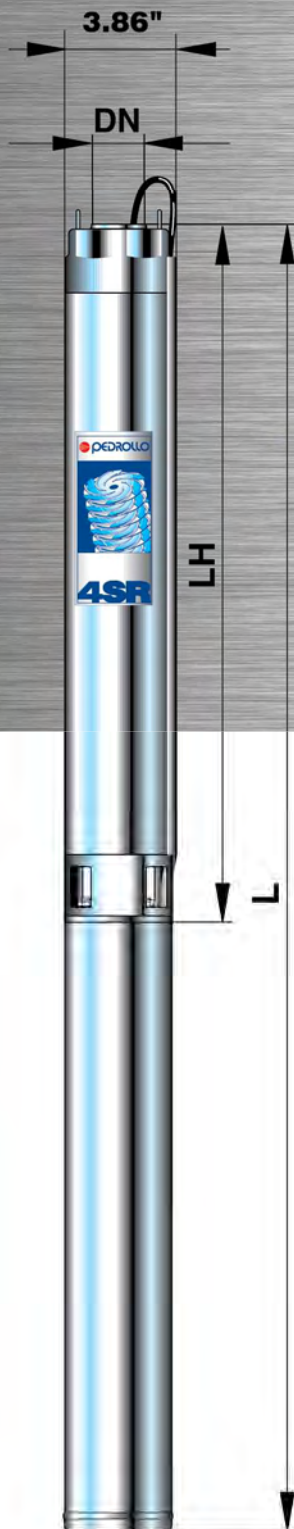


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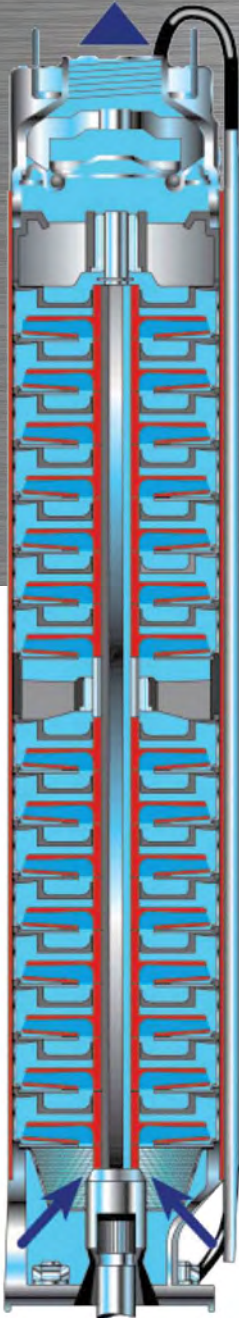
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Dimensions and weights with "Franklin Electric®" motor



Model	(HP)	(DN)	Stages	Length (in.)			Weight (lbs)	
	Power	Discharge		L 1 ph	L 3 ph	LH	pump	motor (1 ph/3 ph)
4SR7G/3	1/3	1 1/4"	8	20.9	-	12.2	7	16/-
4SR7G/5	1/2	1 1/4"	13	25.3	24.6	15.8	9	18/18
4SR7G/7	3/4	1 1/4"	16	28.7	27.5	18.0	10	21/21
4SR7G/10	1	1 1/4"	21	34.4	33.3	22.6	12	24/24
4SR7G/15	1 1/2	1 1/4"	27	41.0	38.8	27.0	15	32/24
4SR7G/20	2	1 1/4"	34	52.0	48.8	36.0	22	32/29
4SR7G/30	3	1 1/4"	46	62.4	58.7	44.7	27	49/38
4SR10G/3	1/3	1 1/4"	5	18.8	-	10.0	5	16/-
4SR10G/5	1/2	1 1/4"	7	21.0	21.0	11.5	6	18/18
4SR10G/7	3/4	1 1/4"	11	25.0	25.0	14.4	8	21/21
4SR10G/10	1	1 1/4"	14	28.2	28.2	16.5	9	24/24
4SR10G/15	1 1/2	1 1/4"	18	35.5	32.1	20.4	11	32/24
4SR10G/20	2	1 1/4"	24	39.9	38.4	24.8	14	32/29
4SR10G/30	3	1 1/4"	30	52.4	49.4	30.2	17	49/38
4SR10G/40	4	1 1/4"	40	-	-	40.4	25	-
4SR10G/50	5	1 1/4"	46	73.1	69.9	44.7	28	64/49
4SR13G/5	1/2	1 1/4"	7	21.0	20.2	11.5	6	18/18
4SR13G/7	3/4	1 1/4"	9	23.6	22.4	12.9	7	21/21
4SR13G/10	1	1 1/4"	11	26.1	25.0	14.4	8	24/24
4SR13G/15	1 1/2	1 1/4"	15	31.4	29.1	17.3	10	32/24
4SR13G/20	2	1 1/4"	20	37	34.7	21.9	12	32/29
4SR13G/30	3	1 1/4"	27	45.1	41.0	27.0	15	49/38
4SR13G/40	4	1 1/4"	34	-	-	36.0	23	-
4SR13G/50	5	1 1/4"	42	69.3	62.8	41.8	26	69/49
4SR25G/5	1/2	1 1/4"	5	20.2	19.5	10.7	6	18/8
4SR25G/7	3/4	1 1/4"	6	22.2	21.1	11.6	6	21/21
4SR25G/10	1	1 1/4"	7	24.2	23.1	12.4	7	24/24
4SR25G/15	1 1/2	1 1/4"	10	29	26.8	15.0	8	32/24
4SR25G/20	2	1 1/4"	13	32.7	30.5	17.6	10	32/29
4SR25G/30	3	1 1/4"	17	40.2	36.1	22.1	12	49/38
4SR25G/40	4	1 1/4"	22	-	-	26.4	14	-
4SR25G/50	5	1 1/4"	28	59.1	52.6	31.6	17	64/49
4SR25G/75	7 1/2	1 1/4"	42	-	75.3	47.6	28	-/63
4SR25G/100	10	1 1/4"	54	-	90.6	59.9	35	-/71

Dimensions and weights with “Franklin Electric” motor



Model	(HP)	(DN)	Stages	Length (in.)			Weight (lbs)	
	Power	Discharge		L 1 ph	L 3 ph	LH	pump	motor (1 ph/3 ph)

4SR33G/5	1/2	2"	3	19.4	18.7	9.9	5	18/18
4SR33G/7	3/4	2"	4	21.8	20.6	11.1	6	21/21
4SR33G/10	1	2"	5	24.1	23.0	12.3	6	24/24
4SR33G/15	1 1/2	2"	6	27.5	25.2	13.5	7	32/24
4SR33G/20	2	2"	8	30.9	28.7	15.8	8	32/29
4SR33G/30	3	2"	11	38.4	34.3	20.3	10	49/38
4SR33G/40	4	2"	15	-	-	25.0	13	-
4SR33G/50	5	2"	18	56.1	49.5	28.6	14	64/49
4SR33G/75	7 1/2	2"	27	-	67.9	40.2	21	-/64
4SR33G/100	10	2"	34	-	82.1	51.4	28	-/120

4SR45G/10	1	2"	3	21.7	20.6	9.9	5	24/24
4SR45G/15	1 1/2	2"	4	25.1	22.9	11.1	6	32/24
4SR45G/20	2	2"	6	28.6	26.3	13.5	7	32/29
4SR45G/30	3	2"	8	33.9	29.8	15.8	8	49/38
4SR45G/40	4	2"	10	-	-	18.2	9	-
4SR45G/50	5	2"	13	50.2	43.7	22.7	11	64/49
4SR45G/75	7 1/2	2"	21	-	60.8	33.1	16	-/64
4SR45G/100	10	2"	27	-	70.9	40.2	21	-/120

4SR60G/15	1 1/2	2"	4	29.5	26.1	14.4	7	32/24
4SR60G/20	2	2"	5	31.5	30.0	16.4	8	32/29
4SR60G/30	3	2"	7	42.6	39.6	20.4	10	49/38
4SR60G/40	4	2"	9	-	-	25.9	12	-
4SR60G/50	5	2"	12	60.2	54.2	32.0	15	64/49
4SR60G/75	7 1/2	2"	18	-	73.7	45.5	21	-/64
4SR60G/100	10	2"	25	-	104.9	61.0	29	-/120

4SR75G/15	1 1/2	2"	3	27.5	24.1	12.4	6	32/24
4SR75G/20	2	2"	4	29.5	28.0	14.4	7	32/29
4SR75G/30	3	2"	5	38.6	35.6	16.4	8	49/38
4SR75G/40	4	2"	7	-	-	20.4	10	-
4SR75G/50	5	2"	9	54.2	48.1	25.9	12	64/49
4SR75G/75	7 1/2	2"	14	-	65.7	37.5	17	-/64
4SR75G/100	10	2"	19	-	91.4	47.5	23	-/120

4SR90G/20	2	2"	3	27.6	26.1	12.5	6	32/29
4SR90G/30	3	2"	4	36.8	33.8	14.6	7	49/38
4SR90G/40	4	2"	6	-	-	18.7	9	-
4SR90G/50	5	2"	7	48.7	42.9	20.7	10	64/49
4SR90G/75	7 1/2	2"	11	-	58.6	30.4	14	-/64
4SR90G/100	10	2"	15	-	83.9	40	18	-/120

