



65L, 95L, 120L, 160L, 250L, 320L 6" Stainless Steel Submersible Pumps

60 HZ HIGH CAPACITY - FOR 6" AND LARGER WELLS

FEATURES

Powered for Continuous Operation: All ratings are within the working limits of the motor. Pump can be operated continuously.

New Design Features: Cast 304 SS discharge head and motor adapter.

Field Serviceable: Easy to install and service. All parts easily dismantled if field service is ever necessary.

Diverse Application: Designed for commercial, municipal and agricultural water needs.

Stainless Steel Construction: Durable in most waters.

Bearings: Replaceable, silicon carbide bearings allow excellent abrasives handling and wear resistance.

Built-in Check Valve: Positive sealing, stainless steel check valve assembly incorporated into discharge head.

Impellers: New stainless steel impeller design provides improved efficiency.

Maximum Temperature: 140°F (60°C) for pump.

Four-Fluted Shaft Design: Four sided stainless steel shaft eliminates impeller keys and provides positive drive.

Coupling: Removable heavy duty stainless steel, splined coupling for maximum load-carrying capability.

Suction Strainer: Stainless steel strainer restricts gravel and other debris from entering the pump.

Cable Guard: Stainless steel cable guard surrounds and protects motor leads.

Fasteners: All fasteners are stainless steel.

CentriPro Motors: Designed to NEMA standards. Stainless steel casing resists corrosion. Water filled design provides a constant supply of lubrication. Hermetically sealed stator assures moisture free windings. Durable Kingsbury type thrust bearing absorbs all thrust. Replaceable motor lead assembly.

Certified to NSF/ANSI 61, Annex G.

SPECIFICATIONS

Model	Horsepower Range	Discharge Connection	Recommended GPM Operating Range	GPM at Best Efficiency	Minimum* Well Size	Rotation at Disch. End
65L	3 - 40	3" NPT	20 - 90	65	6" / 8" *	CCW
95L	5 - 40		25 - 130	90	6" / 8" *	
120L	5 - 50		40 - 170	120	6" / 8" *	
160L	5 - 50		50 - 240	160	6"	
250L	7.5 - 50		70 - 300	250	6"	
320L	7.5 - 50	4" NPT	100 - 400	320	6"	

* Minimum well size refers only to dimensional fit in a well, the specifier or installer must determine the minimum required well diameter that will insure an adequate supply of water to the pump and also properly cool the motor. See Water End Data Chart for specific diameter by model number.

AGENCY LISTINGS



NSF/ANSI 372 - Drinking Water System Components - Lead Content

CLASS 6853 01 - Low Lead Content Certification Program -- Plumbing Products



Pump/Water End - Drinking Water System Components - Certified to NSF/ANSI 61, Annex G

"L" SERIES MATERIALS OF CONSTRUCTION

Ref. No.	Part Name	Material	Material Code
1	Discharge Head	Stainless steel	ASTM CF-8 (AISI 304 cast)
2	Check Valve Support	Stainless steel	ASTM CF-8 (AISI 304 cast)
3	Check Valve	Stainless steel	AISI 304 SS
4	Elastomers	Ethylene propylene	EPDM
5	Bolts and Screws	Stainless steel	AISI 304 SS
6	Shaft Sleeve and Bushing	Tungsten carbide	-
7	Thrust Bearing	PTFE+Graphite	-
8	Impeller	Stainless steel	AISI 304 SS
9	Diffuser	Stainless steel	AISI 304 SS
10	Spacer	Stainless steel	AISI 431 SS
11	Tie Rod	Stainless steel	AISI 304 SS
12	Cable Guard	Stainless steel	AISI 304 SS
13	Wear Rings	Technopolymer PPO	Engineered polymer
14	Strainer	Stainless steel	AISI 304 SS
15	Shaft	Stainless steel	AISI 431 SS
16	Shaft Coupling	Stainless steel	AISI 431 SS
17	Motor Adapter	Stainless steel	ASTM CF-8 (AISI 304 cast)

SYSTEM COMPONENTS

■ Pump/Water End:

- 65L-250L with 3" NPT discharge.
- 320L with 4" NPT discharge.
- 4" Motor Adapter on 3 and 5 HP models.
- 6" Motor Adapter on 7.5 HP and larger models.

■ Motor:

- 4" motor required for 3 HP and 5 HP pumps.
- 6" motor required for 7.5 HP and larger pumps.

■ **Control Box:** Required for all single phase motors.

■ **Magnetic Starter:** A magnetic starter with Class 10 overloads is required for all three phase units.

WATER ENDS AND MOTORS MUST BE ORDERED SEPARATELY AND ARE PACKAGED SEPARATELY.

ORDER NUMBER CODE

	65	L	03	
				Horsepower
	95			Code = HP
Pump Size/	120			03 = 3
Gallons	160			05 = 5
per minute	250			07 = 7.5
at Best	320			10 = 10
Efficiency				15 = 15
Point				20 = 20
Pump Series				25 = 25
				30 = 30
				40 = 40
				50 = 50

WATER END (PUMP) DATA

Model	Order No.	No. Stages	Min. HP Required	Required Motor Dia.	Dimensions & Weights					
					Length		Diameter		Weight	
					In.	mm	In.	mm	Lbs.	kg.
65L	65L03	3	3	4	18.6	472	5.59	142	26	12
	65L05	5	5		22.2	564		142	31	14
	65L07	7	7.5	6	25.8	656	5.67	144	35	16
	65L10	10	10		31.3	794		144	44	20
	65L15	16	15		42.1	1070		144	60	27
	65L20	21	20		53.0	1346		144	75	34
	65L25	27	25		63.9	1622		144	90	41
	65L30 *	32	30		98.7	2508	6.97*	177	220	100
65L40 *	41	40	115.0	2922	177	253		115		
95L	95L05	3	5	4	18.6	472	5.59	142	26	12
	95L07	5	7.5	6	22.2	564	5.67	144	31	14
	95L10	7	10		25.8	656		144	35	16
	95L15	10	15		31.3	794		144	44	20
	95L20	14	20		38.5	978		144	53	24
	95L25	17	25		43.9	1116		144	62	28
	95L30	21	30		53.0	1346	144	75	34	
	95L40 *	28	40	67.3	1710	6.97*	177	156	71	
120L	120L05	2	5	4	16.8	426	5.59	142	22	10
	120L07	3	7.5	6	19.5	495	5.67	144	26	12
	120L10	5	10		24.9	633		144	33	15
	120L15	7	15		30.4	771		144	40	18
	120L20	10	20		38.5	978		144	51	23
	120L25	12	25		43.9	1116		144	57	26
	120L30	15	30		52.1	1323	144	68	31	
	120L40	20	40	65.7	1668	144	86	39		
120L50 *	24	50	80.9	2055	6.97*	177	179	81		
160L	160L05	2	5	4	17.2	436	5.59	142	22	10
	160L07	3	7.5	6	19.9	505	5.67	144	26	12
	160L10	4	10		22.6	574		144	31	14
	160L15	6	15		28.0	712		144	37	17
	160L20	8	20		33.5	850		144	44	20
	160L25	9	25		36.2	919		144	46	21
	160L30	11	30		41.6	1057	144	53	24	
	160L40	15	40	52.5	1333	144	68	31		
160L50	18	50	60.6	1540	144	77	35			
250L	250L07	2	7.5	6	20.8	528	5.67	144	26	12
	250L10	3	10		25.3	643		144	33	15
	250L15	5	15		34.4	873		144	44	20
	250L20	7	20		43.4	1103		144	55	25
	250L25	8	25		48.0	1218		144	60	27
	250L30	9	30		52.5	1333		144	66	30
	250L40	13	40		70.6	1793		144	88	40
	250L50	16	50		84.2	2138		144	104	47
320L	320L07	2	7.5	6	21.8	553	5.67	144	27	12
	320L15	4	15		30.8	783		144	38	17
	320L20	5	20		35.4	898		144	45	20
	320L25	6	25		39.9	1013		144	50	22
	320L30	8	30		49.0	1243		144	61	27
	320L40	11	40		62.5	1588		144	78	35
	320L50	13	50		71.6	1818		144	89	40

* Note pump diameter - high pressure models have an exterior casing and larger diameters, verify they will fit your well.

MOTOR DATA

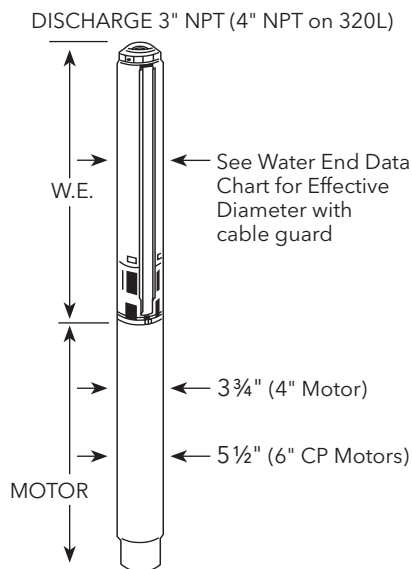
NOTE: 4" Diameter motors are required for 3 and 5 HP "L" Series pumps
6" Diameter motors are required for 7.5 HP and larger "L" Series pumps

CENTRIPRO 4" MOTORS

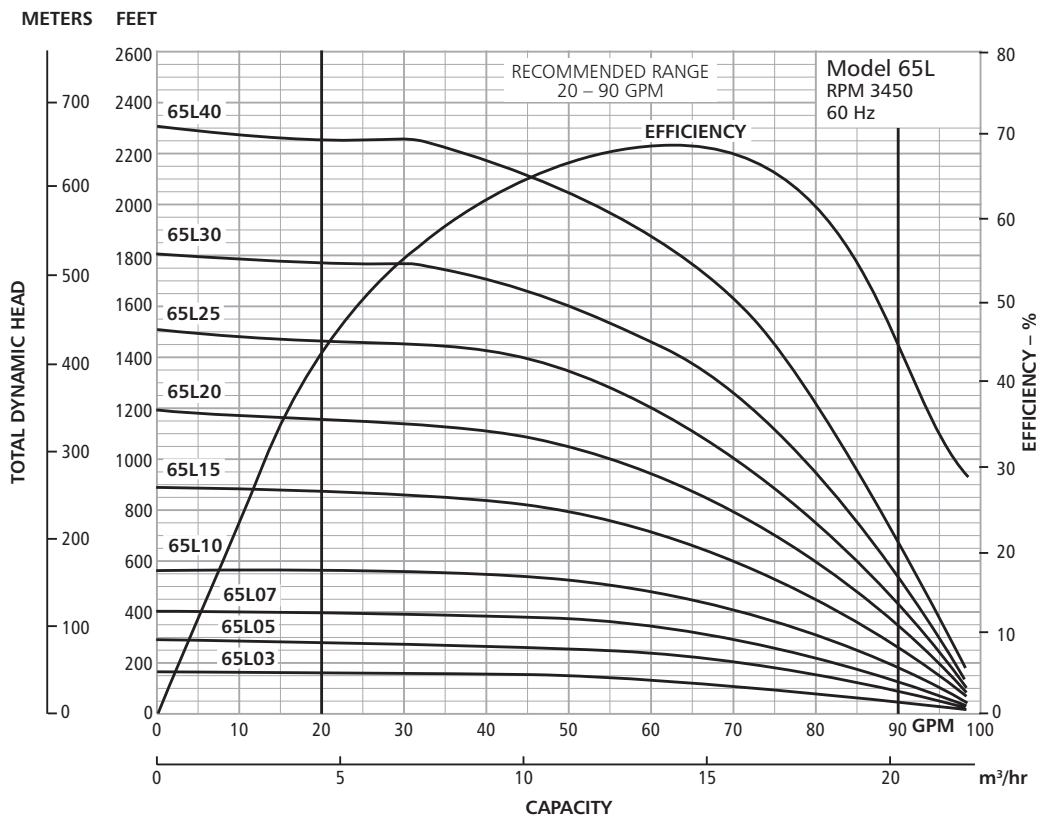
Single Phase Motors - Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length in. (mm)	Weight lbs. (Kg)
M30412	3	4"	230	18.3 (466)	40 (18.1)
M50412	5			27.7 (703)	70 (31.8)
Three Phase Motors - Dimensions and Weights					
M30430	3	4"	200	15.3 (389)	32 (14.5)
M30432			230		
M30434			460		
M50430	5	4"	200	21.7 (550)	55 (24.9)
M50432			230		
M50434			460		

CENTRIPRO 6" MOTORS

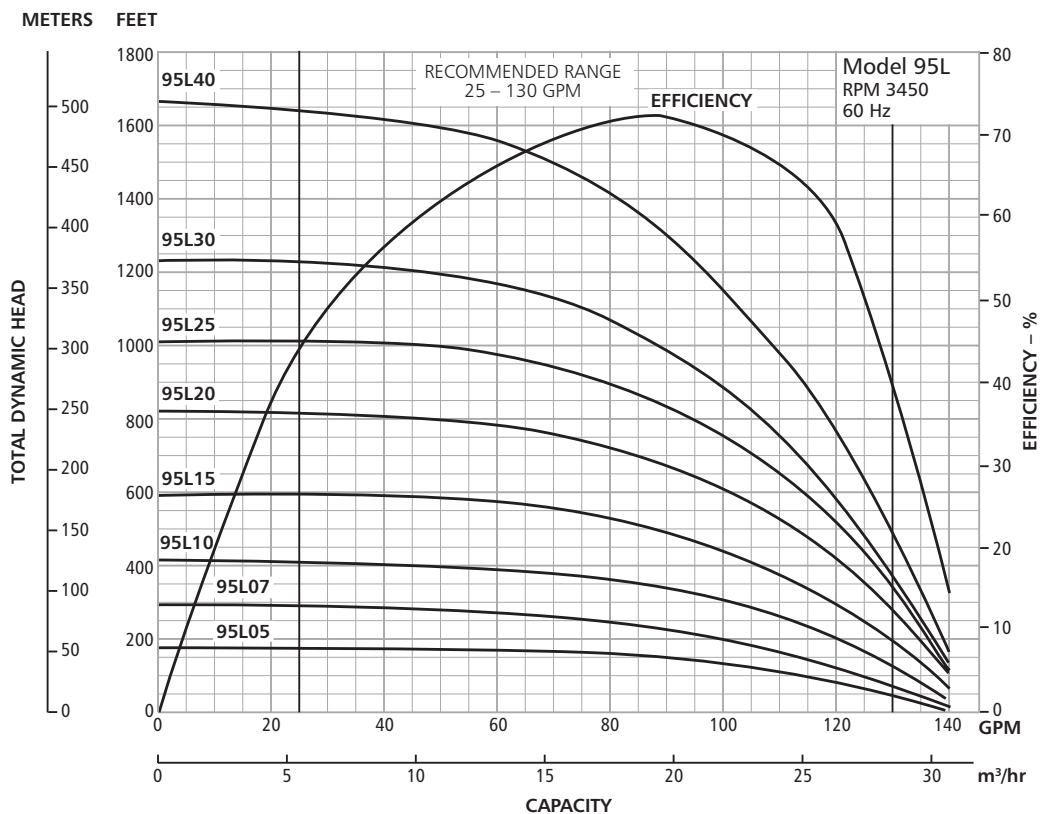
Single Phase Motors - Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length (inches)	Weight (lbs)
6M071	7.5	6"	230	29.9	128
6M101	10	6"	230		
6M151	15	6"	230	33.5	148
Three Phase Motors - Dimensions and Weights					
6M078	7.5	6"	200	24.8	99
6M072			230		
6M074			460		
6M108	10	6"	200	27.0	110
6M102			230		
6M104			460		
6M158	15	6"	200	29.9	128
6M152			230		
6M154			460		
6M208	20	6"	200	31.5	137
6M202			230		
6M204			460		
6M258	25	6"	200	36.2	161
6M252			230		
6M254			460		
6M308	30	6"	200	38.2	176
6M302			230		
6M304			460		
6M404	40	6" x 8"	460	40.6	187
66M504	50			41.7	198
86M504	50			46.4	353



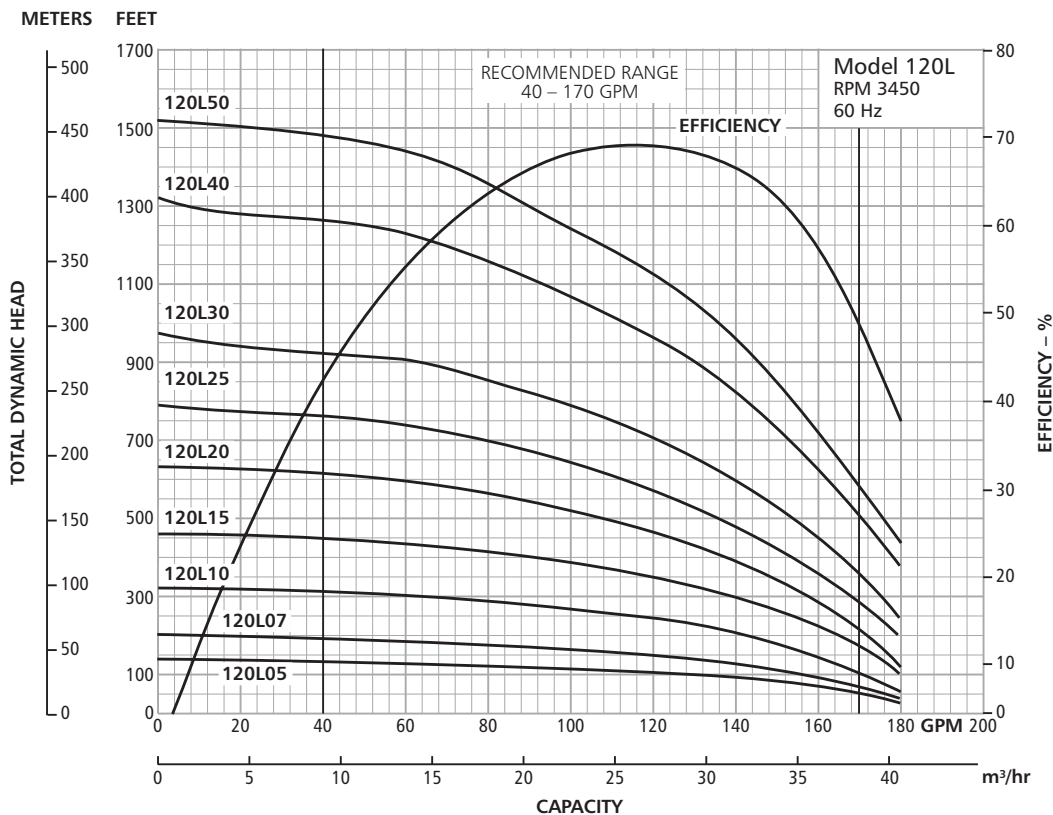
MODEL 65L



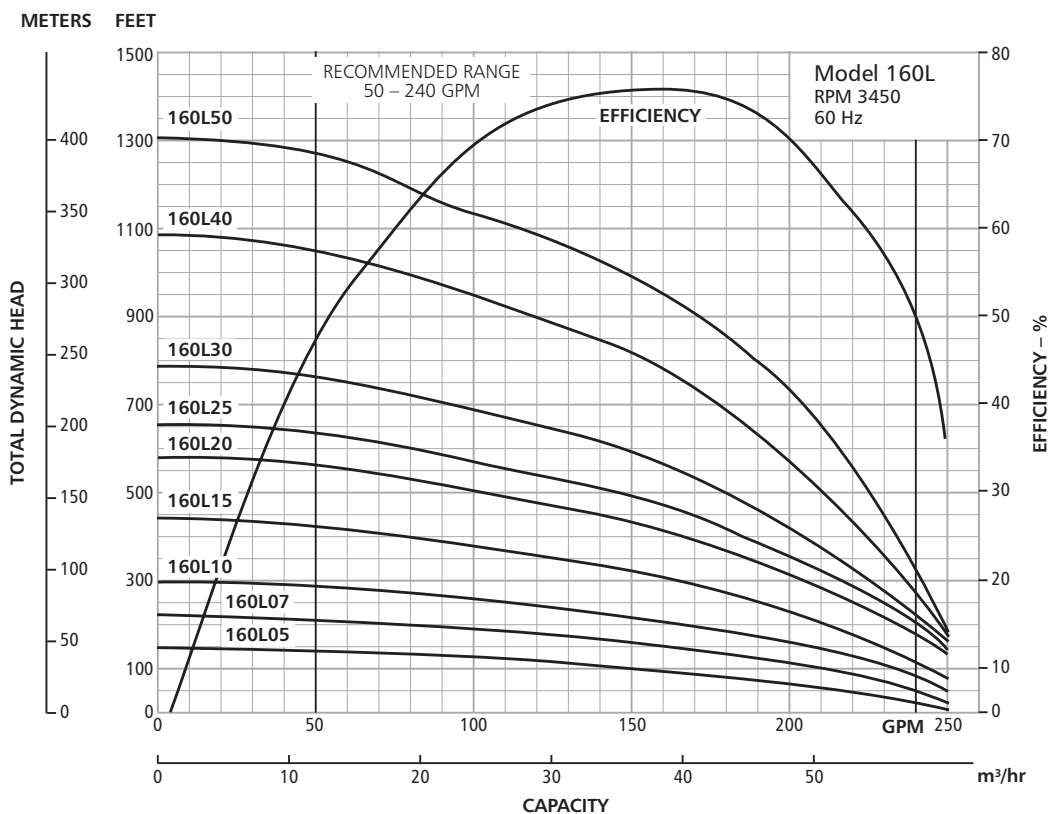
MODEL 95L



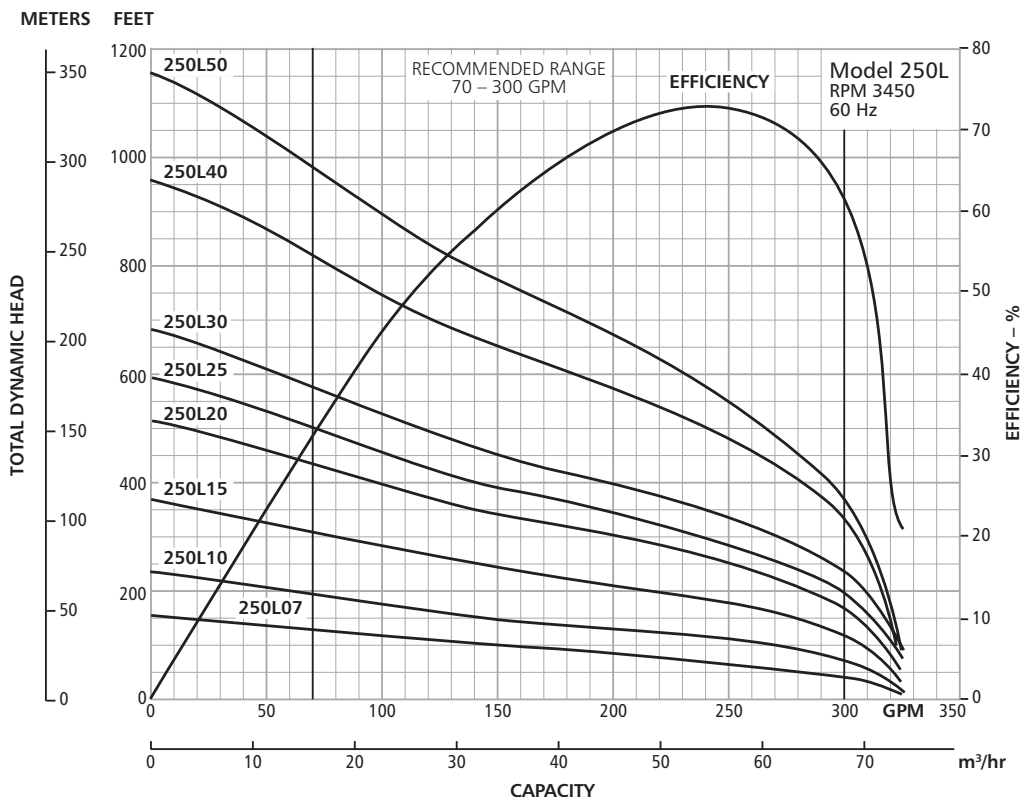
MODEL 120L



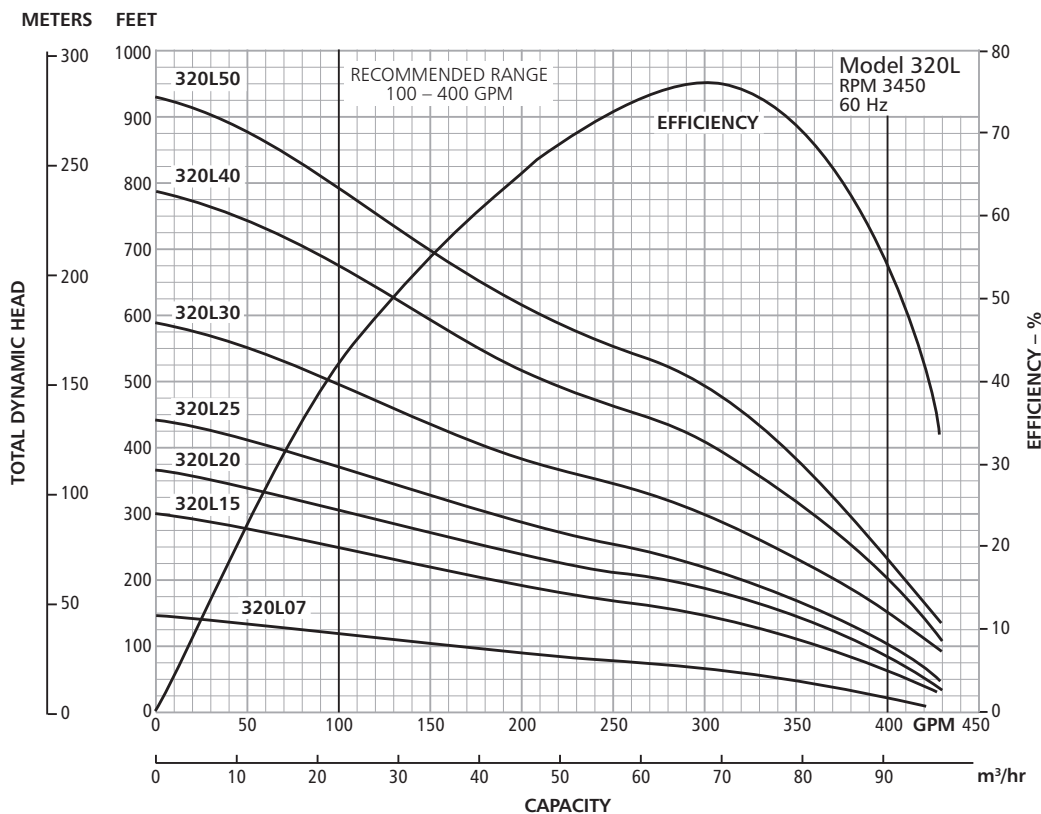
MODEL 160L



MODEL 250L



MODEL 320L



NOTE: On 250L and 320L, operation below minimum recommended flow will increase motor amp. draw and trip overloads.

MODEL 95L

SELECTION CHART

Horsepower Range 5 - 40, Recommended Range 25 - 130 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																																								
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775	800	825																						
95L05 3 Stages	5	0		128	128	117	99	88	38																																																
		20	128	120	101	90	55																																																		
		30	121	102	90	62																																																			
		40	104	91	67																																																				
		50	91	72																																																					
		60	76																																																						
95L07 5 Stages	7.5	0			128	124	122	117	108	97	89	81	58																																												
		20		125	123	118	109	99	90	82	64																																														
		30	125	123	118	110	99	90	83	66																																															
		40	123	119	111	100	91	84	68																																																
		50	119	111	101	91	84	70																																																	
		60	112	102	92	85	72	26																																																	
95L10 7 Stages	10	0				128	126	125	124	120	113	104	96	91	87	77	48																																								
		20			128	126	125	124	120	114	106	98	92	87	79	54																																									
		30		128	126	125	124	121	114	106	98	92	88	80	57																																										
		40	129	126	125	124	121	115	107	99	92	88	81	60																																											
		50	126	125	124	121	116	107	99	93	88	82	63																																												
		60	125	125	122	116	108	100	93	89	83	65																																													
95L15 10 Stages	15	0						129	126	125	125	123	120	116	110	104	99	94	91	88	82	71	45																																		
		20				129	127	125	125	125	123	121	117	111	105	100	95	91	88	83	73	50																																			
		30				130	127	125	125	124	121	117	112	106	100	95	91	88	84	74	52																																				
		40			130	127	126	125	124	121	117	112	106	100	95	92	89	84	75	55																																					
		50		130	127	126	125	125	124	121	118	112	107	101	96	92	89	85	76	57																																					
		60	130	127	126	125	125	124	122	118	113	107	101	96	92	89	85	77	59																																						
95L20 14 Stages	20	0								130	128	127	126	125	125	124	122	120	117	114	110	106	102	98	94	91	89	86	82	75	63	43																									
		20								130	128	127	126	125	125	124	123	121	118	114	110	106	102	98	95	92	89	86	82	76	65	47																									
		30								130	128	127	126	125	125	124	123	121	118	115	111	107	102	99	95	92	89	87	83	77	66	48																									
		40								128	127	126	125	125	124	123	121	118	115	111	107	103	99	95	92	90	87	83	77	67	50																										
		50								129	127	126	125	125	124	123	121	118	115	111	107	103	99	96	92	90	87	83	78	68	52																										
		60								129	127	126	126	125	124	123	121	119	115	112	108	103	99	96	93	90	87	84	78	69	53																										

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																																																					
	HP	PSI	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600																							
95L25 17 Stages	25	0			128	126	126	126	125	122	116	109	102	96	91	88	83	67																																				
		20		127	126	126	126	124	120	114	106	99	94	90	86	78	56																																					
		30		129	126	126	126	125	122	117	110	103	96	92	88	84	71																																					
		40	129	127	123	120	117	114	110	106	101	95	89	81	70	49																																						
		50	128	126	126	126	124	120	114	107	100	94	90	87	79	59																																						
		60	127	126	126	125	122	118	111	104	97	92	89	84	72																																							
95L30 21 Stages	30	0			130																																																	

MODEL 320L

SELECTION CHART

Horsepower Range 7.5 - 50, Recommended Range 100 - 400 GPM, 60 Hz, 3450 RPM

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																														
	HP	PSI	25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650			
320L07 2 Stages	7.5	0		343	262	172																									
		20	275	186																											
		30	193	100																											
		40	107																												
		50																													
		60																													
320L15 4 Stages	15	0		392	393	370	332	286	237	189	143																				
		20	394	374	338	293	245	196	150	105																					
		30	376	341	297	248	200	153	108																						
		40	344	300	252	204	157	112																							
		50	304	256	207	160	115																								
		60	260	211	164	119																									
320L20 5 Stages	20	0				391	365	336	303	267	228	188	147	105																	
		20		394	370	341	308	273	234	194	153	112																			
		30	396	372	343	311	275	237	197	156	115																				
		40	374	345	313	278	240	200	159	118																					
		50	348	316	281	243	203	162	121																						
		60	319	284	246	207	166	124																							
320L25 6 Stages	25	0				387	366	343	316	288	257	225	191	157	123																
		20			390	370	346	320	292	262	230	196	162	128																	
		30		392	371	348	322	294	264	232	199	165	130																		
		40	393	373	350	324	296	266	235	201	167	133																			
		50	375	352	326	299	269	237	204	170	136	101																			
		60	354	328	301	271	239	206	173	138	104																				
320L30 8 Stages	30	0						391	375	357	336	314	291	267	242	217	192	166	141	116											
		20					393	378	360	340	318	295	271	246	221	196	170	145	120												
		30				395	379	361	341	319	296	273	248	223	197	172	147	122													
		40			396	380	363	343	321	298	274	250	225	199	174	149	124														
		50		397	382	364	344	323	300	276	252	227	201	176	151	125	100														
		60	398	383	365	346	324	302	278	254	229	203	178	153	127	102															
320L40 11 Stages	40	0								399	388	375	361	346	331	314	297	280	262	244	225	207	188	169	150	131	113				
		20								390	377	363	349	333	317	300	282	265	246	228	209	191	172	153	134	115					
		30								390	378	365	350	334	318	301	284	266	248	229	211	192	173	155	136	117					
		40						391	379	366	351	336	319	302	285	267	249	231	212	194	175	156	137	118							
		50					392	380	367	352	337	321	304	286	269	251	232	214	195	176	158	139	120	101							
		60			393	381	368	353	338	322	305	288	270	252	234	215	196	178	159	140	121	102									

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																									
	HP	PSI	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625	650	675	700	725	750	775
320L50 13 Stages	50	0				395	387	378	367	355	343	330	316	301	286	270	254	238	222	205	188	172	155	138	122	106
		20		396	388	379	369	357	345	332	318	303	288	273	257	241	224	208	191	174	158	141	124	108		
		30	397	389	380	369	358	346	333	319	304	289	274	258	242	225	209	192	176	159	142	126	109			
		40	390	381	370	359	347	334	320	306	291	275	259	243	227	210	193	177	160	143	127	111				
		50	381	371	360	348	335	321	307	292	276	260	244	228	211	195	178	161	145	128	112					
		60	372	361	349	336	322	308	293	277	262	246	229	213	196	179	163	146	129	113						

NOTES

Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

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