

ITT

B65-320L

Residential Water Systems

Goulds Pumps

65L, 95L, 120L, 160L, 250L, 320L

6" Stainless Steel Submersible Pumps

60 Hz High Capacity

For 6" and larger wells



GOULDS PUMPS

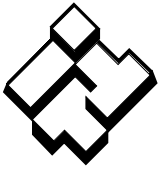
Goulds Pumps is a brand of ITT Corporation.

www.goulds.com

Engineered for life

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:** Removeable 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.
- **NEMA Design Motors:** 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.



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GOULDS PUMPS Residential Water Systems

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		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.

"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	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	
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:

- 6" Pump with 3" 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.

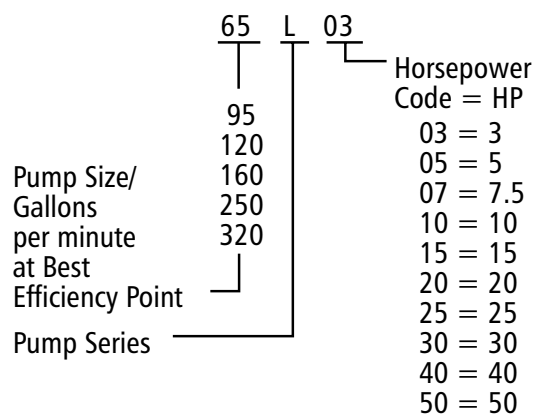
■ Control Box: Required for all single phase motors.

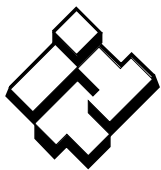
■ Magnetic Starter: A magnetic starter with Class 10 overloads is required for all three phase units.

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

Goulds Pumps is ISO 9001 Registered.

ORDER NUMBER CODE





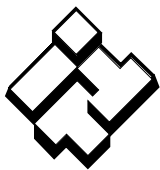
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GOULDS PUMPS Residential Water Systems

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	20.8	528	5.67	144	26	12
	320L15	4	15		29.8	758		144	37	17
	320L20	5	20		34.4	873		144	44	20
	320L25	6	25		38.9	988		144	49	22
	320L30	8	30		48.0	1218		144	60	27
	320L40	11	40		61.5	1563		144	77	35
	320L50	13	50		70.6	1793		144	88	40

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



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WATER END (PUMP) 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 Motors

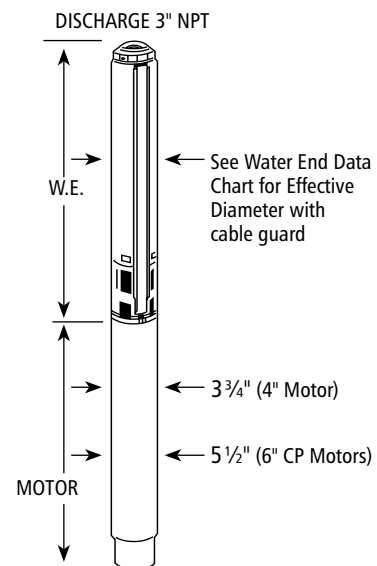
Single Phase Motors – Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length (inches)	Weight (lbs)
M30412 ^①	3	4"	230	18.3	41
M50412 ^①	5	4"	230	27.7	70
6M071	7.5	6"	230	29.9	128
6M101	10	6"	230		
6M151	15	6"	230	33.5	148
Three Phase Motors – Dimensions and Weights					
M30432	3	4"	230	15.3	32
M50432 ^①	5	4"	230	21.7	55
6M072	7.5	6"	230	24.8	99
6M074	7.5	6"	460		
6M102	10	6"	230	27.0	110
6M104	10	6"	460		
6M152	15	6"	230	29.9	128
6M154	15	6"	460		
6M202	20	6"	230	31.5	137
6M204	20	6"	460		
6M252	25	6"	230	36.2	161
6M254	25	6"	460		
6M302	30	6"	230	38.2	176
6M304	30	6"	460		
6M404	40	6"	460	40.6	187
66M504	50	6"	460	41.7	198

^① Available 1st quarter of 2008.

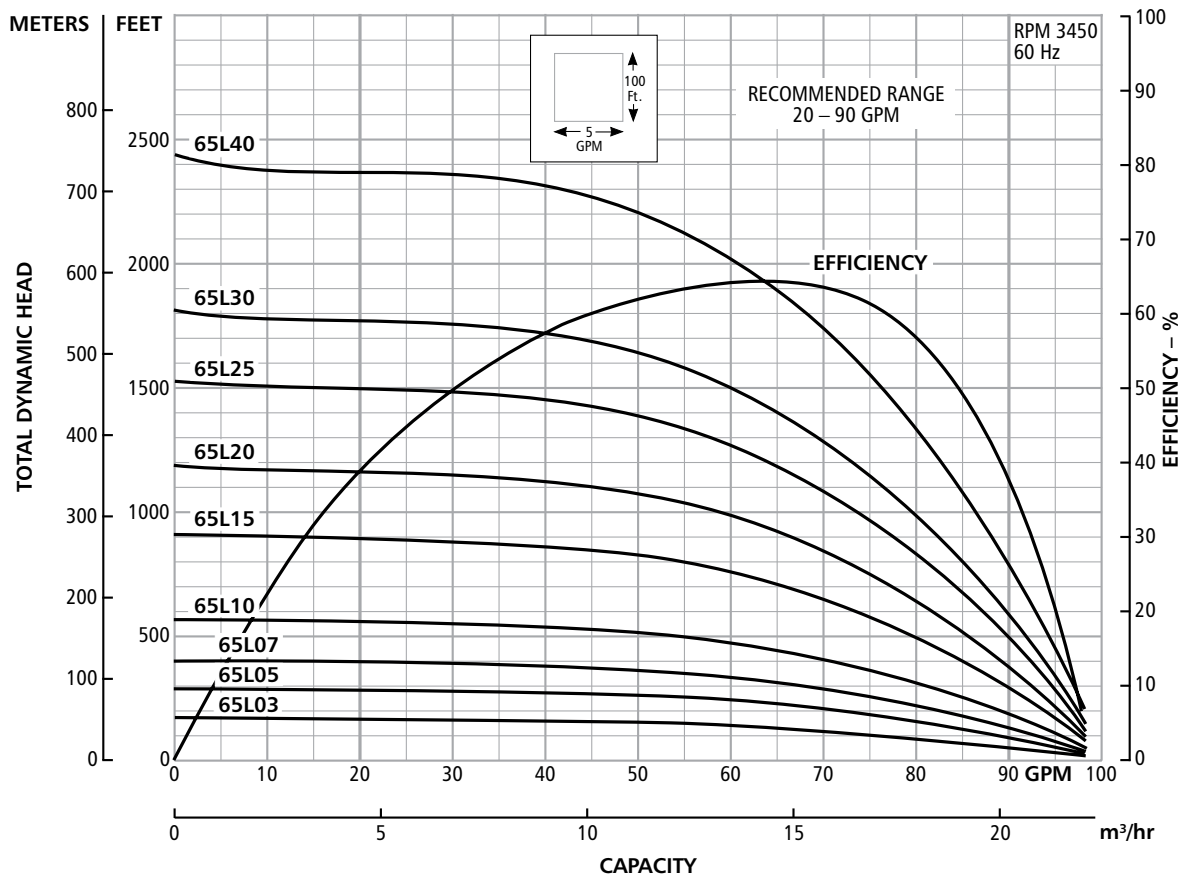
- 6" Franklin Electric motors are no longer available from Goulds Pumps.
- 4" Franklin Electric motors will be phased out as inventory is depleted.

Franklin Electric Motors

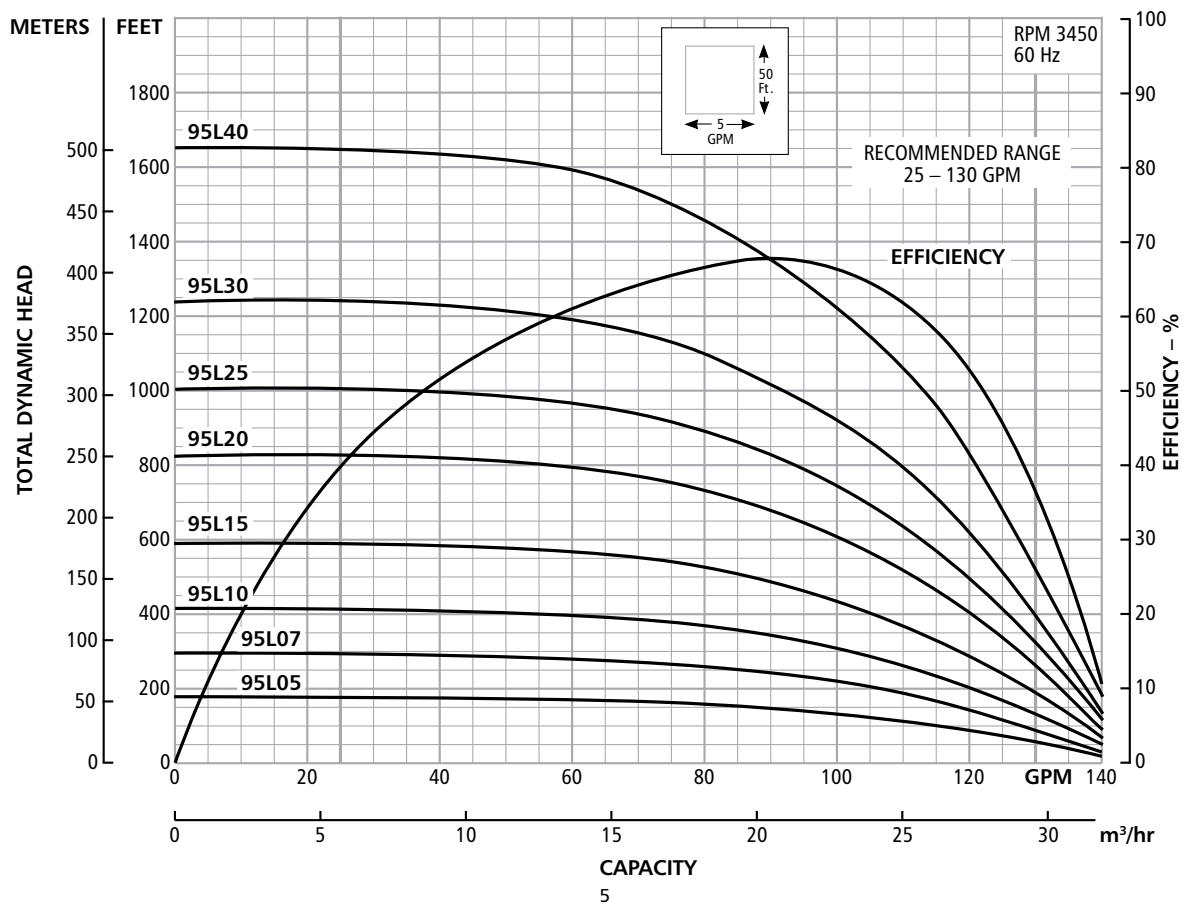
Single Phase Motors – Dimensions and Weights					
Motor Order No.	HP	Motor Dia.	Volts	Length (inches)	Weight (lbs)
S09940	3	4"	230	19.1	41
S09940HT	3	4"	230	22.2	55
S10940	5	4"	230	28.2	70
Three Phase Motors – Dimensions and Weights					
S09978	3	4"	200	16.1	35
S09970	3	4"	230		
S09975	3	4"	460		
S09979	3	4"	575	19.2	42
S09978HT	3	4"	200		
S09970HT	3	4"	230		
S09975HT	3	4"	460		
S09979HT	3	4"	575		
S10978	5	4"	200	22.2	55
S10970	5	4"	230		
S10975	5	4"	460		
S10979	5	4"	575		



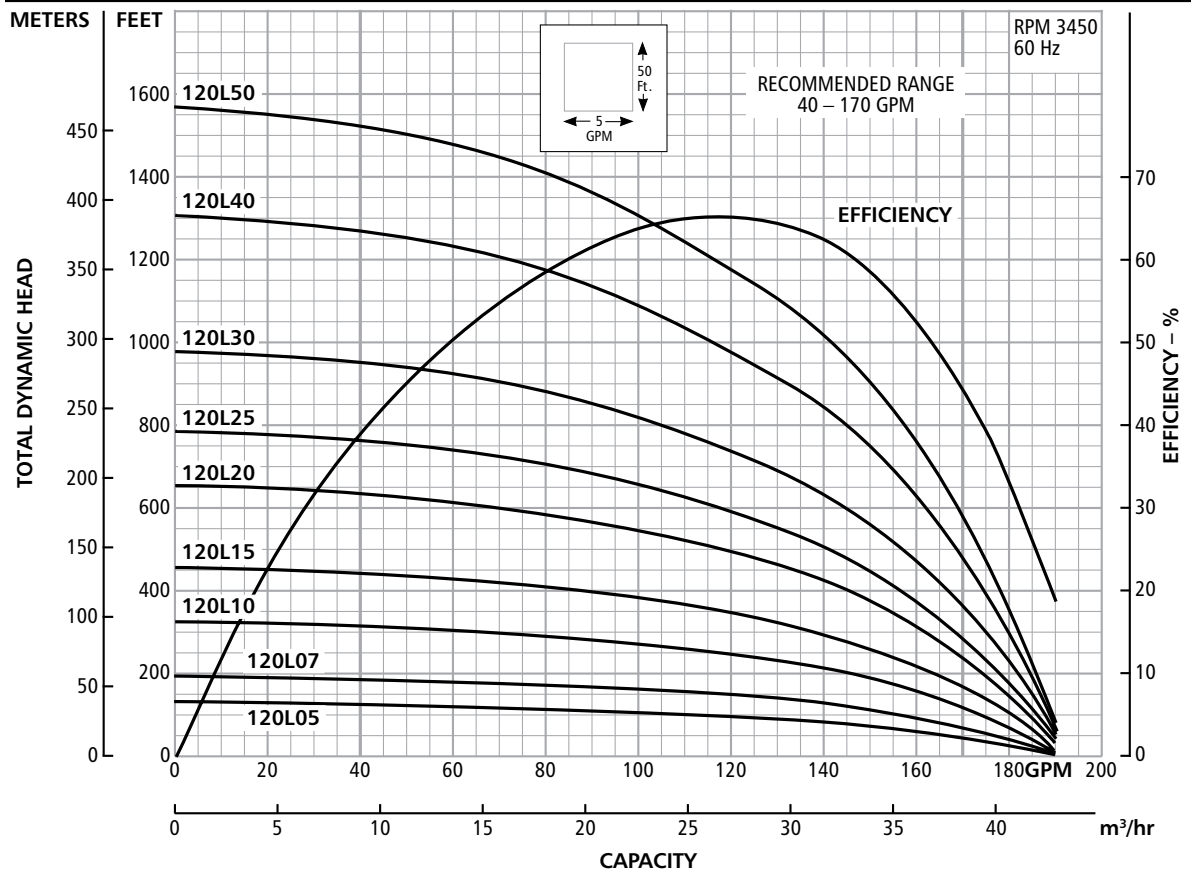
Model 65L



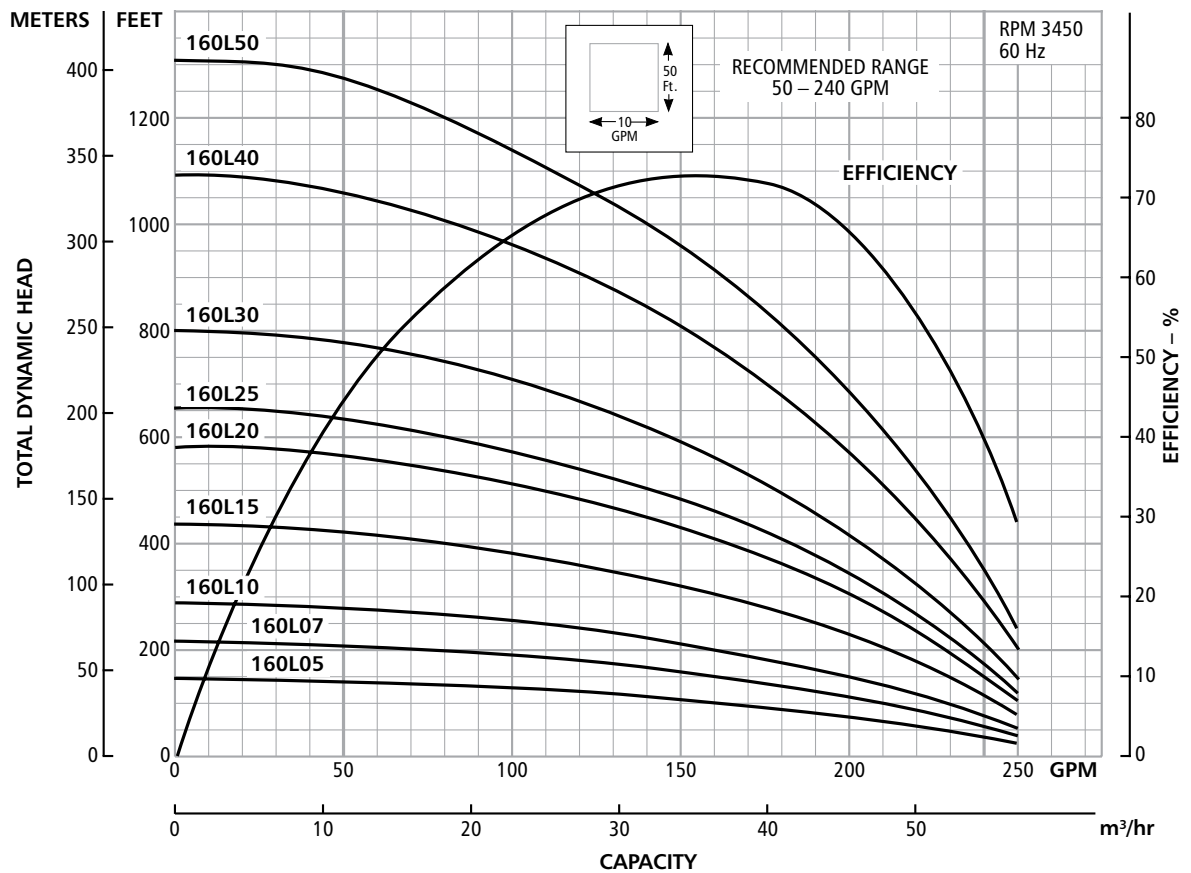
Model 95L

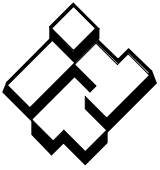


Model 120L



Model 160L

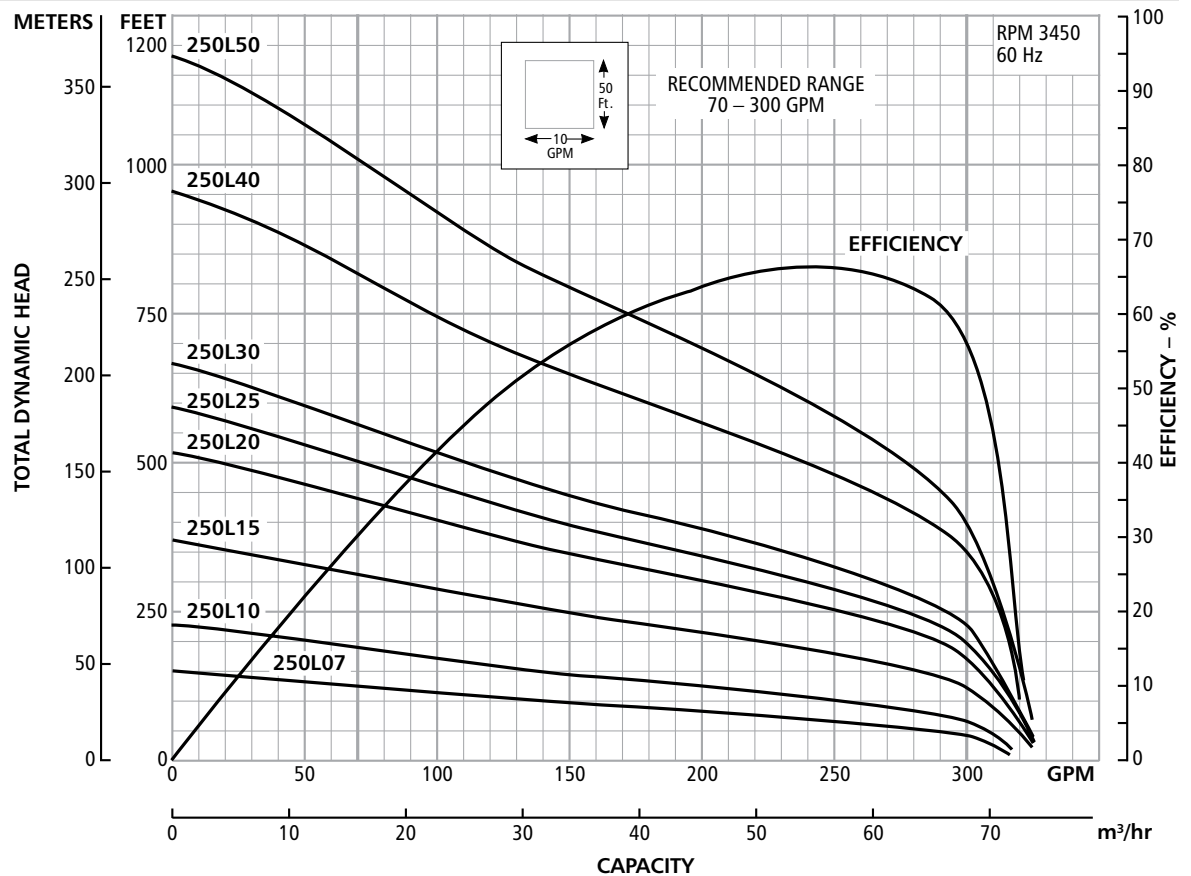




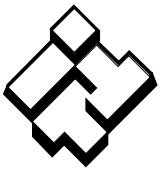
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Model 250L



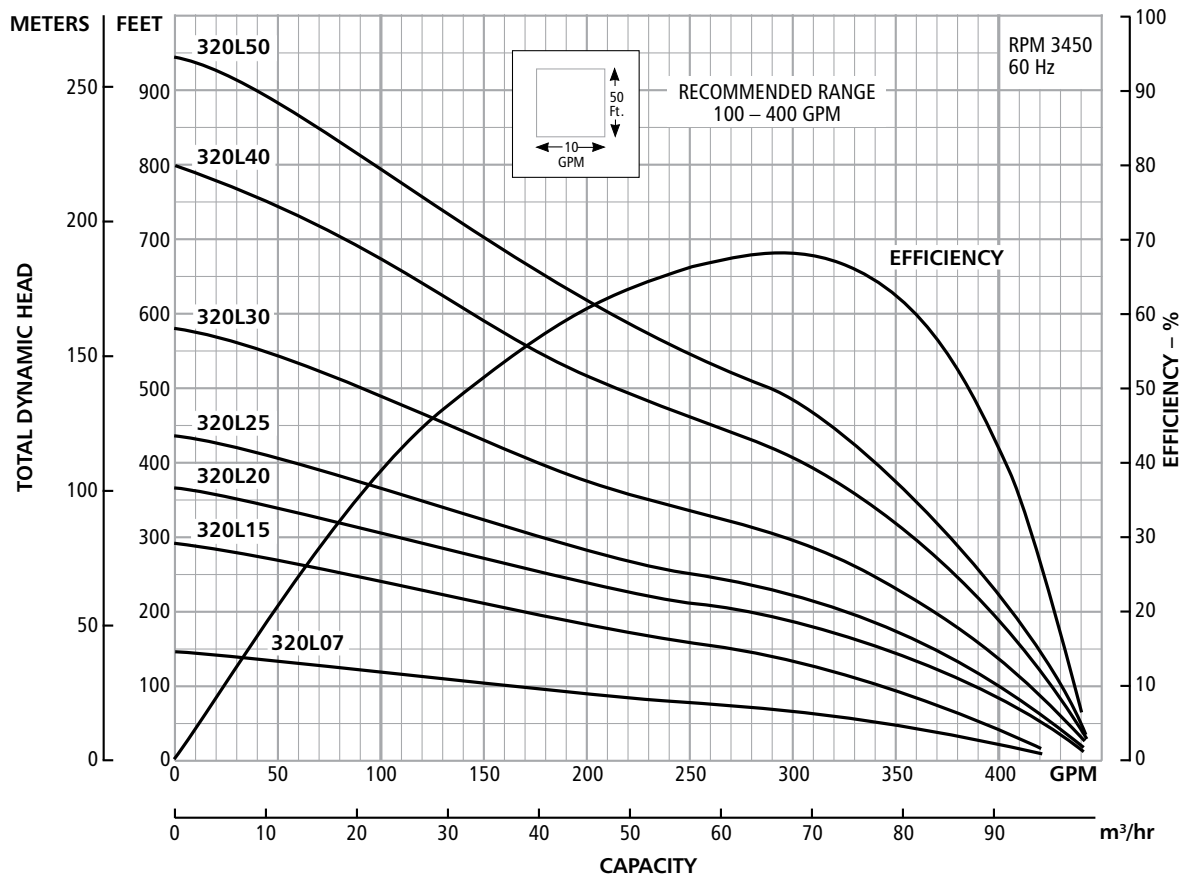
NOTE: Operation below minimum recommended flow will increase motor amp. draw and trip overloads.



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GOULDS PUMPS
Residential Water Systems

Model 320L



NOTE: Operation below minimum recommended flow will increase motor amp. draw and trip overloads.

Model 65L

SELECTION CHART

Horsepower Range 3 – 40, Recommended Range 20 – 90 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	350	400	450	500	550	600	650	700	750	800	850		
65L03 3 Stages	3	0		89	86	78	67	56																			
		20	86	80	68	59																					
		30	80	69	60																						
		40	70	61																							
		50	62	21																							
		60	28																								
65L05 5 Stages	5	0		67	93	88	84	82	77	69	62	55	22														
		20		89	84	82	78	70	63	57	31																
		30	89	84	82	78	71	63	58	35																	
		40	84	82	79	71	64	58	39																		
		50	83	79	72	64	59	42																			
		60	80	73	65	59	44																				
65L07 7 Stages	7.5	0						88	84	82	80	76	70	64	56												
		20				88	84	82	81	77	71	65	61	57													
		30			89	84	82	81	78	72	65	61	58	46													
		40		89	85	82	81	78	72	66	61	58	47														
		50	89	85	82	81	78	73	66	61	58	49															
		60	85	83	81	79	73	67	62	59	50																
65L10 10 Stages	10	0							88	85	83	83	82	78	69	62	56	24									
		20						88	85	83	83	82	81	78	70	62	57	29									
		30				88	85	83	83	82	81	78	75	66	60	50											
		40				89	85	84	83	82	81	79	75	71	63	58	33										
		50			89	86	84	83	82	81	79	75	71	67	60	52											
		60		89	86	84	83	82	81	79	76	71	67	63	58	37											
65L15 16 Stages	15	0												89	86	84	82	81	78	73	68	64	60	55	42		
		20											90	88	86	84	83	81	78	74	69	64	61	56	44		
		30										90	88	86	85	83	82	80	76	71	67	62	59	52	32		
		40										88	86	85	84	83	81	78	74	69	65	61	57	45			
		50									88	86	85	84	83	82	80	77	72	67	63	59	53	34			
		60							88	87	85	84	83	83	81	79	75	69	65	61	57	46					

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																												
	HP	PSI	250	275	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	
65L20 21 Stages	20	0					89	86	84	83	82	81	80	77	73	68	65	62	60	56	47	26							
		20					89	86	84	83	82	82	80	77	73	69	65	62	60	56	48	28							
		30					88	85	83	83	82	81	79	75	71	67	63	61	59	54	41								
		40				90	86	84	83	82	82	80	77	73	69	65	62	60	57	49	31								
		50		90	88	85	83	83	82	81	79	75	71	67	64	61	59	54	43										
		60	90	88	86	84	83	82	82	80	77	74	69	65	62	60	57	50	33										
65L25 27 Stages	25	0							90	87	85	84	83	83	82	81	80	77	74	71	68	65	63	61	59	56	50	38	
		20						90	87	85	84	83	83	82	81	80	77	75	71	68	65	63	61	59	56	51	39		
		30						89	86	84	83	83	82	82	81	79	76	73	70	67	64	62	60	58	54	46	31		
		40						88	85	84	83	83	82	81	80	78	75	72	68	65	63	61	59	57	51	40			
		50					89	86	85	83	83	82	82	81	79	76	73	70	67	64	62	60	58	55	47	32			
		60					88	85	84	83	83	82	81	80	78	75	72	69	66	63	61	59	57	52	41	21			

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
	HP	PSI	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750
65L30 32 Stages	30	0				89	87	85	83	82	82	81	81	80	78	76	74	71	68	66	63	62	60	58	56	51	43	27
		20				89	87	85	84	83	82	81	81	80	78	77	74	72	69	66	64	62	60	58	56	52	44	29
		30				88	86	84	83	82	82	81	80	79	78	76	73	70	67	65	63	61	59	58	55	49	38	
		40		90	87	85	84	83	82	81	81	80	79	77	74	72	69	66	64	62	60	59	56	52	44	30		
		50		89	86	84	83	82	82	81	80	79	78	76	73	70	68	65	63	61	59	58	55	49	39			
		60	90	88	85	84	83	82	81	81	80	79	77	75	72	69	66	64	62	60	59	57	53	45	31			

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
	HP	PSI	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1800	1900	2000	2100	2200	2300
65L40 43 Stages	40	0			90	88	87	85	84	83	82	82	82	81	81	80	79	78	76	74	72	70	66	63	60	58	53	39
		20			88	87	85	84	83	83	82	82	81	81	80	79	78	76	75	73	71	69	65	62	59	56	48	28
		30		89	88	86	85	84	83	82	82	81	81	80	80	78	77	75	74	72	70	68	64	61	59	55	45	
		40		89	87	85	84	83	83	82	82	81	81	80	79	78	76	75	73	71	69	67	63	61	58	53	41	
		50	89	88	86	85	84	83	82	82	81	81	80	80	79	77	76	74	72	70	68	66	63	60	57	51	36	
		60	89	87	86	84	83	83	82	82	81	81	80	79	78	76	75	73	71	69	67	65	62	59	56	49	30	

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	350	400	450	500	550	600	650	700	750	800	850	900	950	1000		
95L05	5	0				117	104	85	46																					
		20		120	106	88	61																							
		30	121	106	90	65																								
		40	107	92	69																									
		50	93	71																										
		60	73																											
95L07	7.5	0					121	113	106	98	85	71																		
		20				118	115	107	100	87	74																			
		30			115	116	107	101	88	75	35																			
		40		111	117	107	102	89	76	42																				
		50	107	118	108	102	90	77	48																					
		60	119	108	103	91	78	53																						
95L10	10	0							112	121	112	107	103	103	85	59														
		20						105	121	113	107	103	96	86	63															
		30					101	122	114	108	104	97	87	78																
		40				97	122	114	108	104	98	88	79	67																
		50			91	122	115	108	104	98	89	79	68																	
		60		85	122	116	109	105	99	89	80	70	30																	
95L15	15	0											95	120	113	106	98	85	72											
		20								87	119	121	114	106	99	86	73													
		30							82	118	121	115	110	104	93	80	61													
		40							77	117	121	115	110	107	100	87	74													
		50						72	116	121	116	110	107	104	94	81	64													
		60				65	114	122	116	111	107	105	101	88	76	34														
95L20	20	0														112	120	112	107	103	95	85	76	59						
		20													109	121	112	107	103	95	85	77	61							
		30											68	120	117	109	105	100	91	81	72	41								
		40											63	105	121	113	107	103	96	86	77	64								
		50								59	103	119	118	110	106	101	92	82	73	46										
		60							53	101	119	122	114	108	104	97	87	78	65											
95L25	25	0														71	118	120	113	108	105	100	93	85	77	68	35			
		20														64	117	120	113	108	105	101	94	85	78	69	39			
		30														99	121	117	110	107	103	98	90	82	75	60				
		40													56	115	121	114	108	105	101	94	86	79	70	43				
		50													94	121	118	111	107	104	98	90	82	75	62					
		60											48	113	121	114	109	105	102	95	86	79	71	46						
Pump Model			Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
	HP	PSI	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	1650		
95L30	30	0				63	112	122	118	112	108	106	103	98	91	85	79	73	59											
		20			56	110	122	118	112	108	106	103	98	92	85	79	73	60												
		30			89	119	121	115	110	107	105	101	95	89	82	77	69	48												
		40		49	108	122	118	113	108	106	103	99	92	86	80	74	62													
		50		85	118	121	116	110	107	105	101	96	89	83	77	70	50													
		60	42	106	121	119	113	109	106	103	99	93	86	80	74	63	31													
95L40	40	0							33	91	115	122	120	115	111	109	107	105	102	99	95	90	85	80	76	70	58	33		
		20							88	114	122	120	116	112	109	107	105	103	99	95	90	85	81	76	71	60	36			
		30						60	103	119	121	118	114	110	108	106	104	101	97	93	88	83	79	74	67	51				
		40						85	113	121	120	116	112	109	107	105	103	100	95	90	86	81	77	71	61	38				
		50					56	101	119	122	119	114	110	108	106	104	102	98	93	88	83	79	75	67	53					
		60					81	112	121	121	116	112	109	107	105	103	100	96	91	86	81	77	72	62	41					

Model 120L

SELECTION CHART

Horsepower Range 5 – 50, Recommended Range 40 – 170 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	350	400	450	500	550	600	650	700	750	800	850	900	950	
120L05 2 Stages	5	0		169	150	115	52																					
		20	154	121	68																							
		30	124	75																								
		40	81																									
		50																										
		60																										
120L07 3 Stages	7.5	0			169	159	140	117	83																			
		20	170	161	144	121	90																					
		30	162	145	122	93																						
		40	147	124	96																							
		50	126	98	40																							
		60	101	47																								
120L10 5 Stages	10	0				174	169	163	155	144	131	116	99	72														
		20			174	170	164	157	146	133	119	102	77															
		30	175	170	165	157	147	134	120	103	80																	
		40	171	165	158	148	135	121	105	82	40																	
		50	166	159	149	136	122	106	84	45																		
		60	159	149	137	123	107	86	49																			
120L15 7 Stages	15	0						172	169	165	160	154	146	137	116	89												
		20				173	170	166	161	155	147	138	128	118	92													
		30			173	170	166	162	156	148	139	129	119	107	73													
		40		173	170	167	162	156	149	140	130	120	108	94	43													
		50	174	171	167	163	157	149	140	131	120	109	95	76														
		60	171	167	163	157	150	141	132	121	110	97	78	49														
120L20 10 Stages	20	0								174	172	169	167	163	155	144	131	117	99	72								
		20						174	172	170	167	164	160	156	145	132	118	100	74									
		30					174	172	170	167	164	161	156	151	139	126	110	90	56									
		40				175	172	170	168	165	161	157	152	146	133	119	102	77										
		50			175	172	170	168	165	161	157	152	146	140	127	112	92	59										
		60		175	173	170	168	165	161	157	152	147	141	134	120	103	79											
120L25 12 Stages	25	0									175	173	171	169	165	158	150	140	129	116	102	82	51					
		20									173	171	169	167	165	159	151	141	130	117	103	84	54					
		30								173	172	170	168	165	162	155	146	136	124	111	95	72						
		40						174	172	170	168	165	163	159	151	142	130	118	104	86	57							
		50					174	172	170	168	166	163	160	156	147	137	125	112	97	74								
		60				174	172	170	168	166	163	160	156	152	142	131	119	106	88	60								
120L30 15 Stages	30	0												174	171	168	163	158	152	144	136	126	116	105	91	72	42	
		20											174	172	171	168	164	159	152	145	136	127	117	106	92	74	45	
		30										174	173	171	170	166	162	156	149	141	132	123	112	100	85	62		
		40									174	173	171	170	168	164	159	153	145	137	128	118	107	94	75	47		
		50							174	173	171	170	168	166	162	156	150	142	133	123	113	101	86	64				
		60						174	173	171	170	168	167	165	160	153	146	138	129	119	108	95	77	50				

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																													
	HP	PSI	250	275	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	
120L40 20 Stages	40	0					174	172	169	167	164	160	155	150	144	138	131	124	116	108	99	87	72	51						
		20					174	172	169	167	164	160	156	150	145	138	132	124	117	109	100	88	73	53						
		30					173	171	168	166	162	158	153	148	142	135	128	121	113	105	95	82	65	41						
		40				174	172	170	167	164	160	156	151	145	139	132	125	117	109	100	89	75	55							
		50			174	173	171	169	166	162	158	154	148	142	136	129	122	114	105	95	83	66	43							
		60	174	173	172	170	167	164	161	156	151	146	139	133	126	118	110	101	90	76	56									
120L50 24 Stages	50	0							173	170	168	166	164	162	159	155	151	146	141	135	129	122	116	109	102	93	83	69	51	
		20							173	171	168	166	164	162	159	155	151	146	141	135	129	123	116	110	102	94	84	71	53	
		30						174	172	170	167	165	163	160	157	154	149	144	139	133	126	120	113	106	99	89	78	63	42	
		40						173	171	169	167	164	162	159	156	152	147	142	136	130	123	117	110	103	95	85	72	54		
		50						175	172	170	168	166	163	161	158	154	149	144	139	133	127	120	114	107	99	90	79	64	44	
		60						173	171	169	167	165	162	159	156	152	147	142	136	130	124	117	111	103	95	85	73	56		

Model 160L

SELECTION CHART

Horsepower Range 5 – 50, Recommended Range 20 – 240 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	350	400	450	500	550	600	650	700	750	
160L05 2 Stages	5	0		229	203	164	103																	
		20	207	171	114																			
		30	174	119																				
		40	124																					
		50																						
		60																						
160L07 3 Stages	7.5	0			230	212	191	164	126	75														
		20	232	215	195	168	133	84																
		30	216	196	171	136	88																	
		40	198	173	139	92																		
		50	175	142	96																			
		60	145	100																				
160L10 4 Stages	10	0			240	229	217	203	185	163	137	104	63											
		20		231	219	205	188	167	142	110	70													
		30	232	220	206	189	169	144	113	73														
		40	221	208	191	170	146	115	77															
		50	209	192	172	148	118	80																
		60	194	174	150	120	83																	
160L15 6 Stages	15	0					236	229	221	213	203	191	178	163	126	78								
		20			237	230	223	214	205	193	180	165	149	130	82									
		30		237	230	223	215	205	194	181	166	150	131	110	54									
		40	238	231	224	216	206	195	182	168	151	133	111	86										
		50	231	224	216	207	196	183	169	153	134	113	88	59										
		60	225	217	208	197	184	170	154	136	115	90	61											
160L20 8 Stages	20	0						239	234	229	224	218	211	203	185	163	136	104	62					
		20						235	230	224	219	212	204	196	187	165	139	107	66					
		30				235	230	225	219	212	205	197	187	177	153	125	89	43						
		40			236	231	225	219	213	206	197	188	178	167	141	109	69							
		50		236	231	226	220	213	206	198	189	179	168	155	127	92	47							
		60	236	231	226	220	214	207	199	190	180	168	156	143	112	73								
160L25 9 Stages	25	0							238	234	229	224	219	213	200	183	163	140	112	77				
		20						239	234	230	225	220	214	208	201	184	165	142	114	80				
		30				239	235	230	225	220	215	208	201	193	176	155	130	99	62					
		40			240	235	230	226	221	215	209	202	194	186	166	144	116	83						
		50		240	235	231	226	221	215	209	202	195	186	177	156	132	102	65						
		60		236	231	226	221	216	210	203	195	187	178	168	145	119	86							
160L30 11 Stages	30	0									237	233	229	225	216	206	194	180	163	145	123	97	67	
		20								237	233	230	226	221	217	207	195	181	165	146	125	100	69	
		30						237	234	230	226	222	217	212	201	189	174	156	137	114	86	53		
		40					238	234	230	226	222	218	213	208	196	182	166	148	127	102	72			
		50				238	234	230	227	222	218	213	208	202	190	175	158	138	116	89	56			
		60			238	235	231	227	223	218	214	208	203	197	183	167	149	128	104	74				

Pump Model	Depth to Water in Feet/Ratings in GPM (Gallons per Minute)																											
	HP	PSI	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
160L40 15 Stages	40	0						240	237	232	226	220	213	205	196	187	176	163	150	135	118	99	78	52				
		20					238	235	232	227	220	214	206	197	187	176	164	151	136	119	101	79	54					
		30				238	235	232	230	224	217	210	202	193	182	171	158	144	129	111	91	68	42					
		40			238	235	233	230	227	221	214	206	198	188	177	165	152	137	121	102	81	56						
		50	238	236	233	230	227	224	218	211	203	193	183	172	159	145	130	112	93	70	44							
		60	239	236	233	230	227	225	221	215	207	199	189	178	166	153	138	122	104	83	58							
160L50 18 Stages	50	0							238	233	229	224	219	213	207	199	192	183	173	163	152	140	127	112	96	78	57	
		20						238	234	229	224	219	213	207	200	192	184	174	164	153	141	128	113	97	79	59		
		30					239	236	232	227	222	217	211	204	196	188	179	170	159	148	135	121	106	89	70	48		
		40				239	236	234	230	225	220	214	208	201	193	184	175	165	154	142	129	114	98	81	60			
		50			239	237	234	232	227	222	217	211	204	197	189	180	170	160	148	136	122	107	90	72	50			
		60		239	237	234	232	230	225	220	214	208	201	193	185	176	166	155	143	130	116	100	82	62				

Model 250L

SELECTION CHART

Horsepower Range 7.5 – 50, Recommended Range 70 – 300 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	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	
250L07 2 Stages	7.5	0		290	227	146	77																						
		20	238	158	86																								
		30	164	91																									
		40	96																										
		50																											
		60																											
250L10 3 Stages	10	0			290	252	200	145	97																				
		20	294	259	208	153	103																						
		30	262	212	157	107																							
		40	216	161	110																								
		50	165	114	71																								
		60	117	74																									
250L15 5 Stages	15	0					299	282	256	223	185	147	113	84															
		20				286	261	228	191	153	118	88																	
		30			287	263	231	194	156	120	90																		
		40		289	265	234	197	159	123	92																			
		50	290	267	236	200	161	125	95																				
		60	269	239	203	164	128	97	71																				
250L20 7 Stages	20	0						299	289	274	253	228	202	147	101														
		20					300	291	276	256	232	206	178	151	104														
		30					292	278	258	234	208	180	153	128	86														
		40				293	279	260	236	210	182	155	130	107															
		50			294	280	261	238	212	184	157	132	109	88															
		60		295	281	263	240	214	187	159	134	110	90	72															
250L25 8 Stages	25	0							299	291	278	261	241	194	147	106	72												
		20						292	280	264	244	222	198	150	108	75													
		30						293	281	265	246	224	200	176	130	92													
		40					294	282	267	247	225	202	178	154	111	77													
		50				295	283	268	249	227	204	179	156	133	95														
		60			295	284	269	250	229	205	181	158	135	114	79														
250L30 9 Stages	30	0								299	292	281	267	231	189	147	110	79											
		20							293	283	269	253	234	192	150	113	81												
		30						294	284	271	254	236	215	173	132	97													
		40					295	285	272	256	237	217	196	153	115	84													
		50				295	286	273	257	239	218	197	176	135	100	71													
		60			296	287	274	258	240	220	199	178	156	118	86														
250L40 13 Stages	40	0													299	283	264	240	212	182	151	122	97	77					
		20													284	265	242	214	184	153	124	99	78						
		30												293	276	255	230	201	169	139	112	89							
		40											294	286	267	244	217	186	155	126	101	79							
		50									294	286	277	257	232	203	172	141	114	90	71								
		60								295	287	278	269	246	219	189	158	128	102	81									
250L50 16 Stages	50	0														299	290	278	261	241	218	195	171	147	126	106	88	72	
		20													300	291	279	262	242	220	197	173	149	127	107	90	74		
		30													296	286	272	253	232	209	185	162	139	118	99	82			
		40													292	280	264	244	222	198	174	151	129	109	91	75			
		50											297	287	273	255	234	211	187	163	140	119	100	83					
		60										297	293	281	265	246	224	200	176	153	130	110	92	76					

NOTE: Operation below minimum recommended flow will increase motor amp. draw and trip overloads.

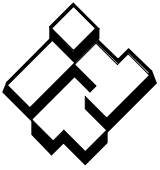
Model 320L

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	10	25	50	75	100	125	150	175	200	225	250	275	300	350	400	450	500	550	600	650	700	750		
320L07 2 Stages	7.5	0		393	346	265	164																			
		20	330	280	179																					
		30	248	187	101																					
		40	155	106																						
		50																								
		60																								
320L15 4 Stages	15	0			394	375	348	310	264	214	165	123														
		20	390	378	353	317	271	221	172	129																
		30	371	355	320	275	225	176	132																	
		40	345	323	279	229	180	135																		
		50	309	282	233	183	138																			
		60	267	237	187	141	102																			
320L20 5 Stages	20	0					391	371	345	310	269	224	179	140	106											
		20			393	374	349	316	275	231	186	145	111													
		30		394	376	351	319	279	234	189	148	114														
		40	389	377	353	321	282	238	192	151	116															
		50	370	356	324	285	241	196	154	118																
		60	346	327	288	244	199	157	121																	
320L25 6 Stages	25	0						388	372	350	323	290	253	216	179	118										
		20				390	375	354	327	295	259	221	185	151	122											
		30			392	376	356	329	298	262	224	187	153	124												
		40	400	392	378	357	332	300	265	227	190	156	126													
		50	388	379	359	334	303	267	230	193	158	128	102													
		60	373	361	336	305	270	233	195	161	130	103														
320L30 8 Stages	30	0							395	385	372	356	337	314	289	234	179	131								
		20					396	386	374	358	340	318	293	266	238	183	135									
		30				397	387	375	360	341	320	295	268	241	212	160	115									
		40			398	388	376	361	343	321	297	271	243	215	187	138										
		50		398	389	377	362	344	323	299	273	245	217	189	163	119										
		60	395	390	378	363	346	325	301	275	247	219	191	165	141	100										
320L40 11 Stages	40	0									397	389	381	371	360	333	299	260	219	179	143	113				
		20							398	390	382	373	362	349	335	302	263	222	182	146	115					
		30						398	391	383	374	363	350	336	321	285	244	203	165	131	102					
		40					399	392	384	374	364	352	338	322	305	266	225	185	148	117						
		50				399	392	384	375	365	352	339	323	306	287	247	206	167	133	104						
		60			400	393	385	376	365	353	340	324	307	289	269	228	188	151	119							
320L50 13 Stages	50	0										399	393	387	380	362	340	313	282	248	213	179	148	122		
		20								400	394	388	381	373	364	342	315	284	250	215	181	151	123	99		
		30									395	388	381	374	365	354	330	301	269	234	199	167	138	112		
		40								395	389	382	374	365	355	344	317	287	253	218	184	153	125	101		
		50						396	389	383	375	366	356	345	332	304	271	237	202	169	140	114				
		60					396	390	383	375	367	357	346	333	320	289	255	221	186	155	127	103				

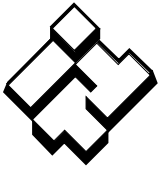
NOTE: Operation below minimum recommended flow will increase motor amp. draw and trip overloads.



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GOULDS PUMPS
Residential Water Systems

NOTES



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Residential Water Systems



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B65-320L May, 2008

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