



**Barmesa<sup>®</sup>**  
**Pumps**

**100% Stainless Steel**  
Discharge diameters  
1¼", 1½", 2", 3", 4", 5" & 6"



**4", 6", 8" & 10" Deep Well  
Submersible Pumps**  
**SP Series**

## Construction

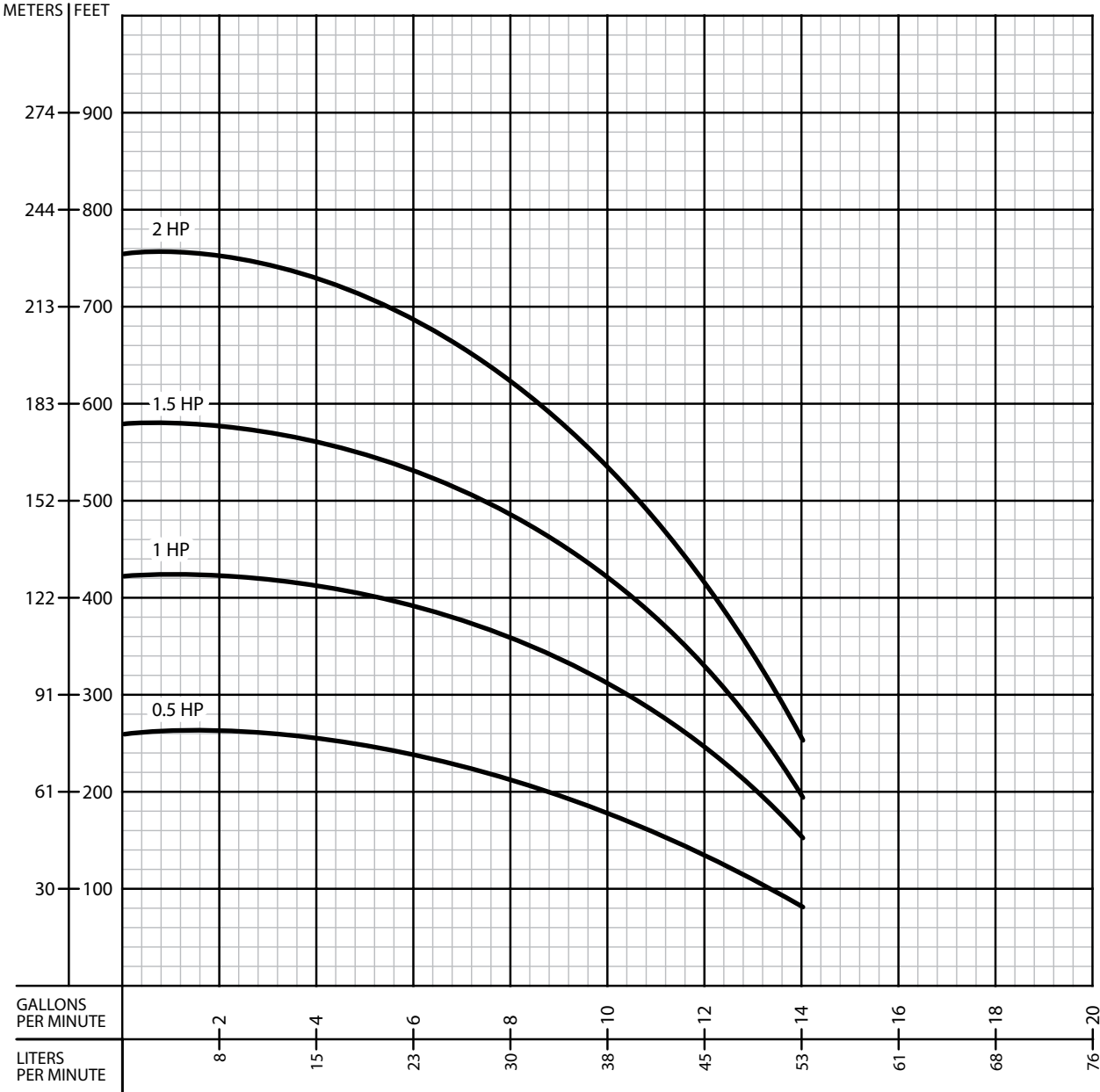
- ▶ All stainless steel submersible deep well pumps.
- ▶ Includes discharge check-valve.
- ▶ Volute chamber is stainless steel with precision fabrication.
- ▶ Impellers are stainless steel with exact tolerances.
- ▶ Suction strainer included.
- ▶ All models include a cable guard and stainless steel hardware.
- ▶ Bearings and impeller ring NBR.
- ▶ Stainless steel shaft.

## Benefits

- ▶ Robust, corrosion-resistant and lead free.
- ▶ Guarantees a smooth operation for years.
- ▶ Advance design ensures a non-clogging operation.
- ▶ Optimal performance even in rough, aggressive water and high pressures systems.

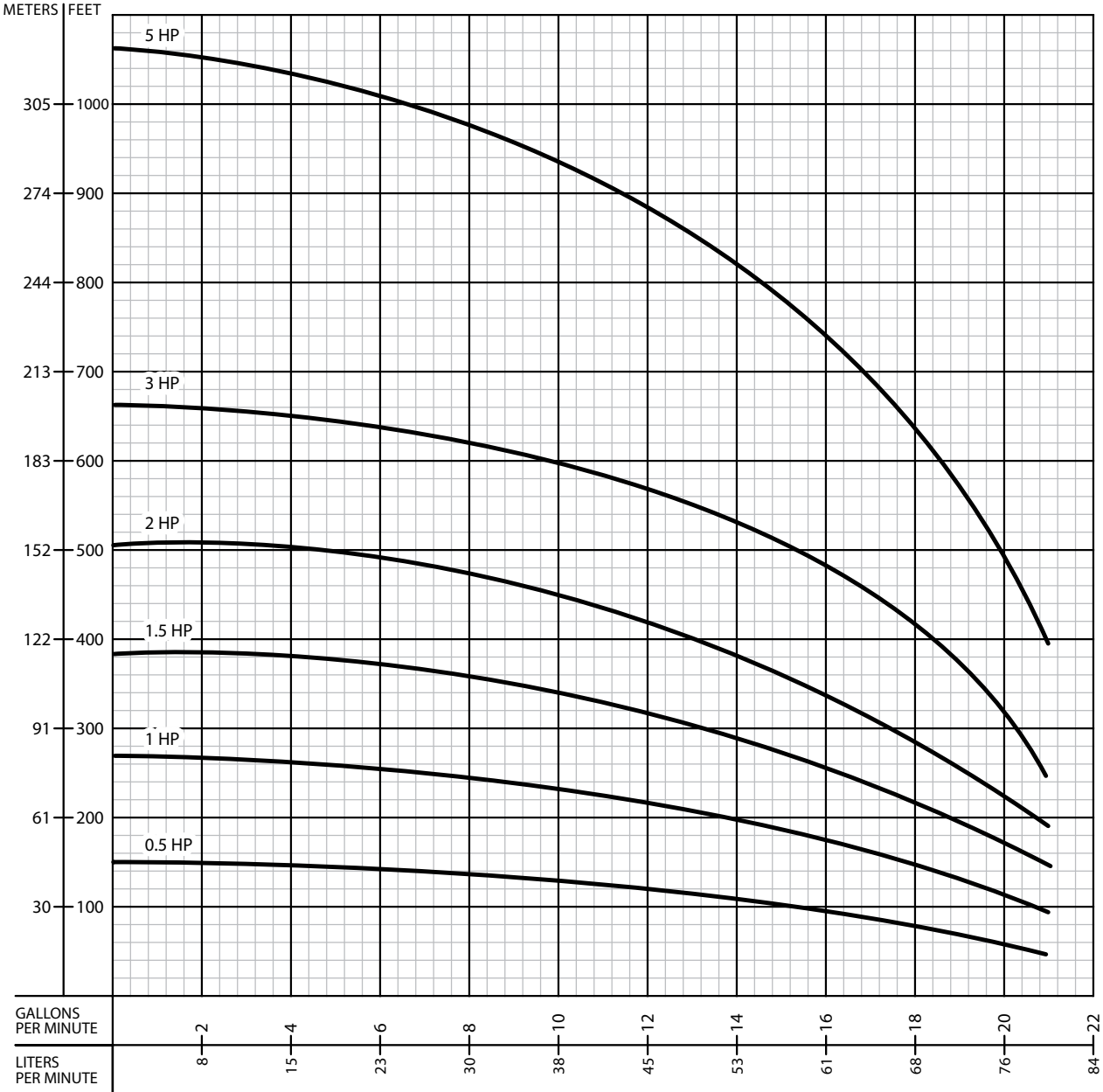


# Performance curve SP10



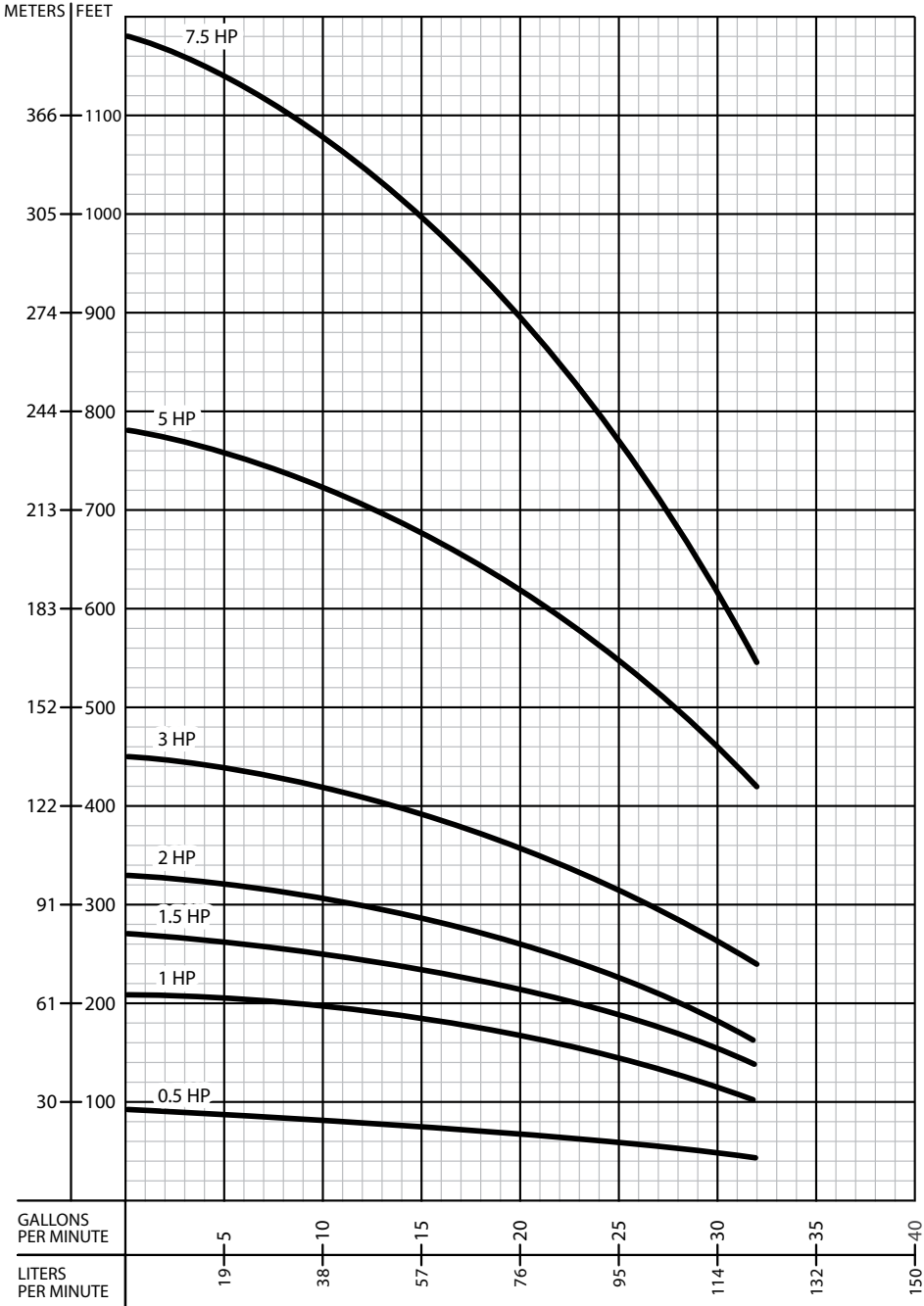
Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP18



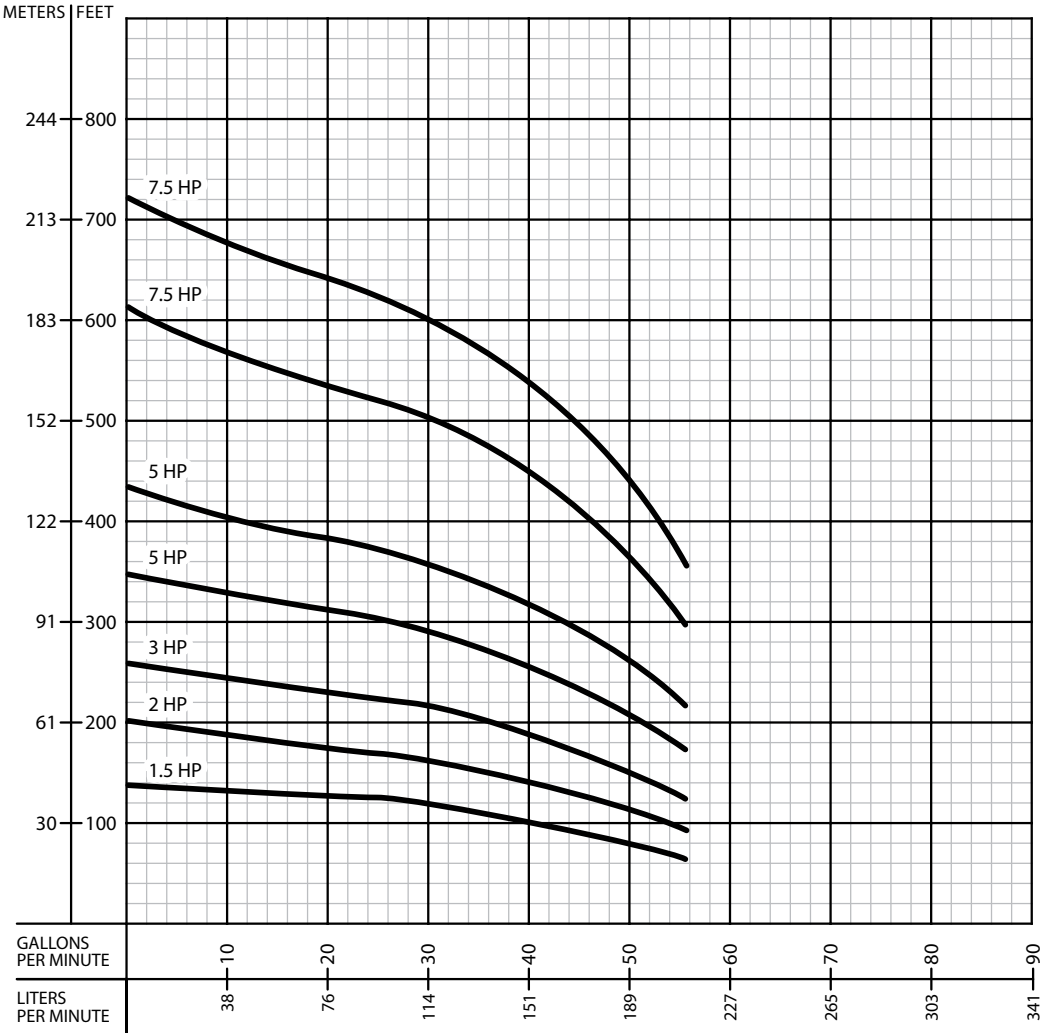
Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP25



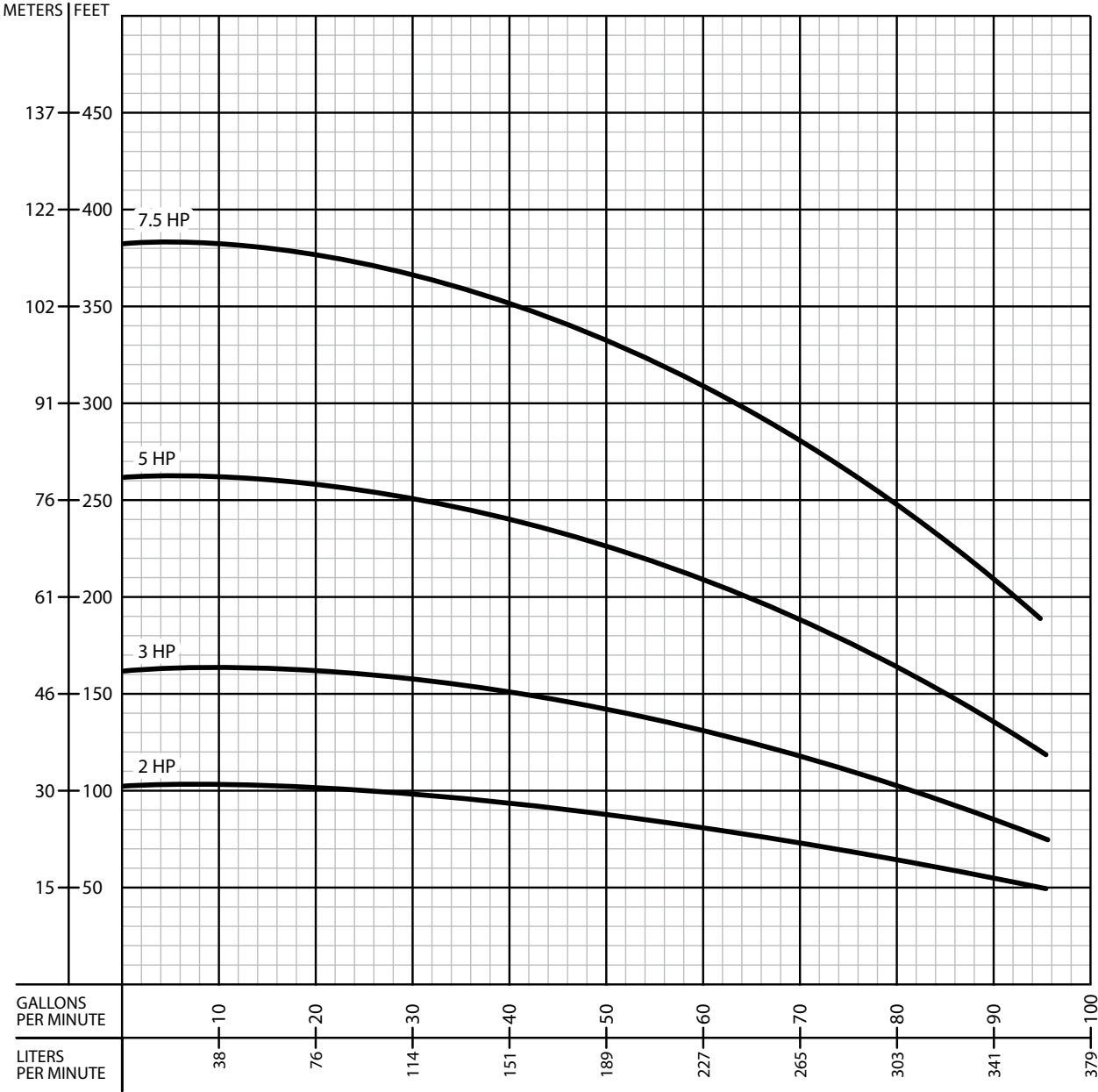
Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP40



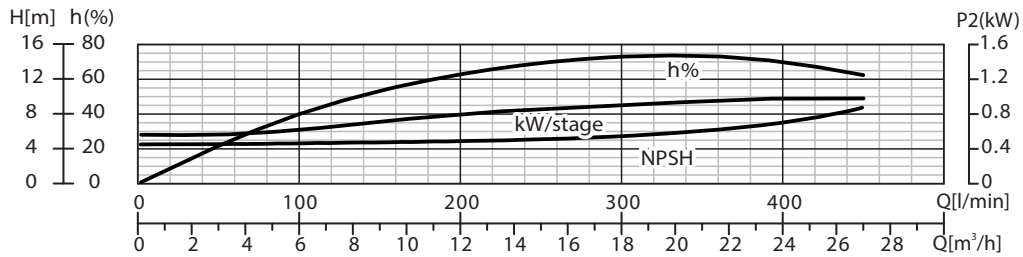
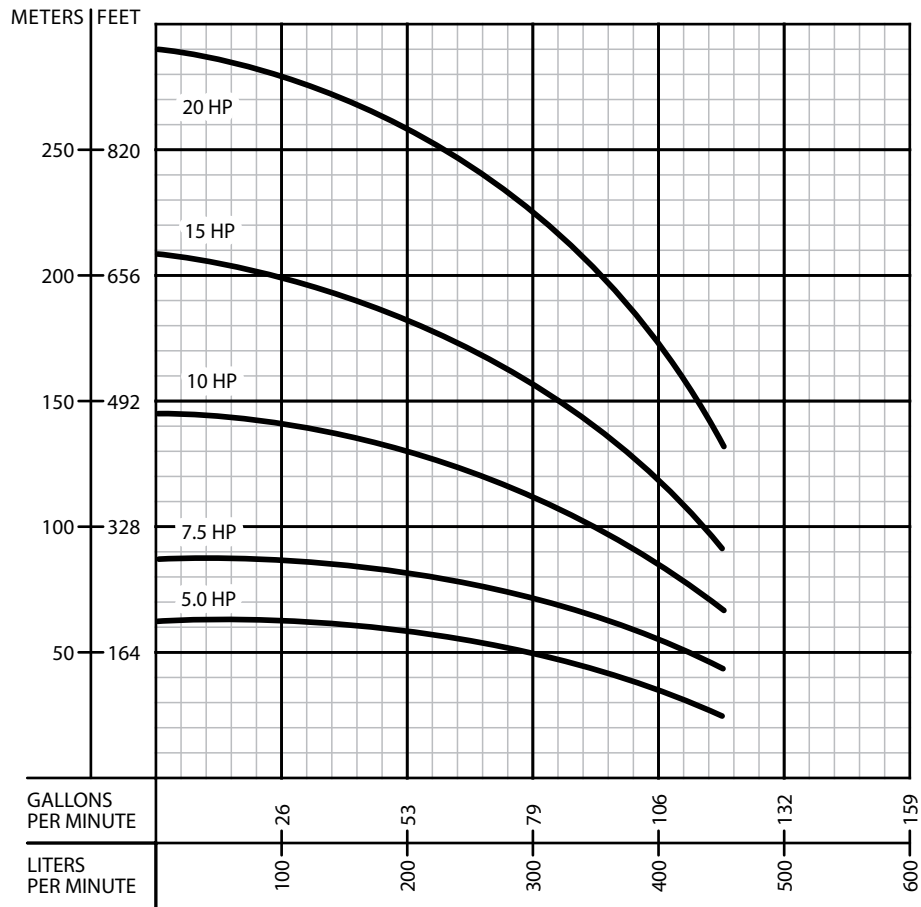
Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP75



Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP90

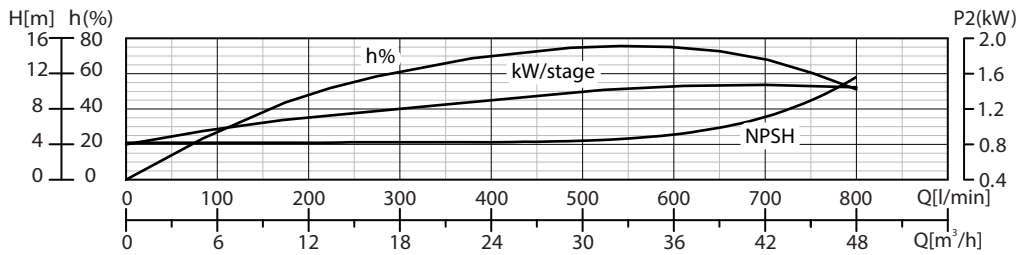
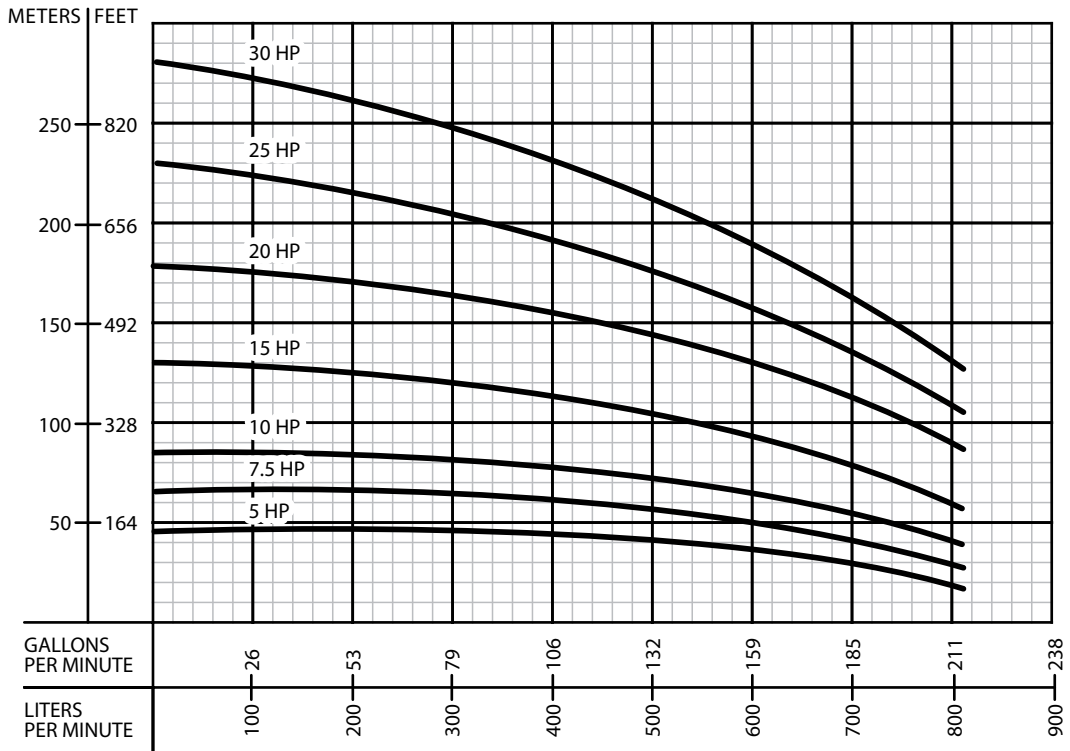


MODEL	STEPS	HP	CAPACITY LPM							
			100	150	200	250	300	350	400	450
SP9004-5.0	4	5	62	60	58	55	50	43	35	25
SP9006-7.5	6	7.5	87	85	82	78	71	64	54	43
SP9009-10	9	10	141	138	130	121	111	100	83	67
SP9013-15	13	15	199	191	180	170	156	138	118	90
SP9018-20	18	20	279	270	258	244	224	200	171	130

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.



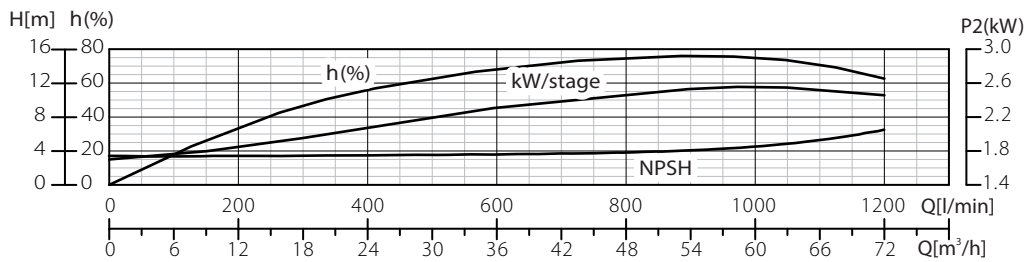
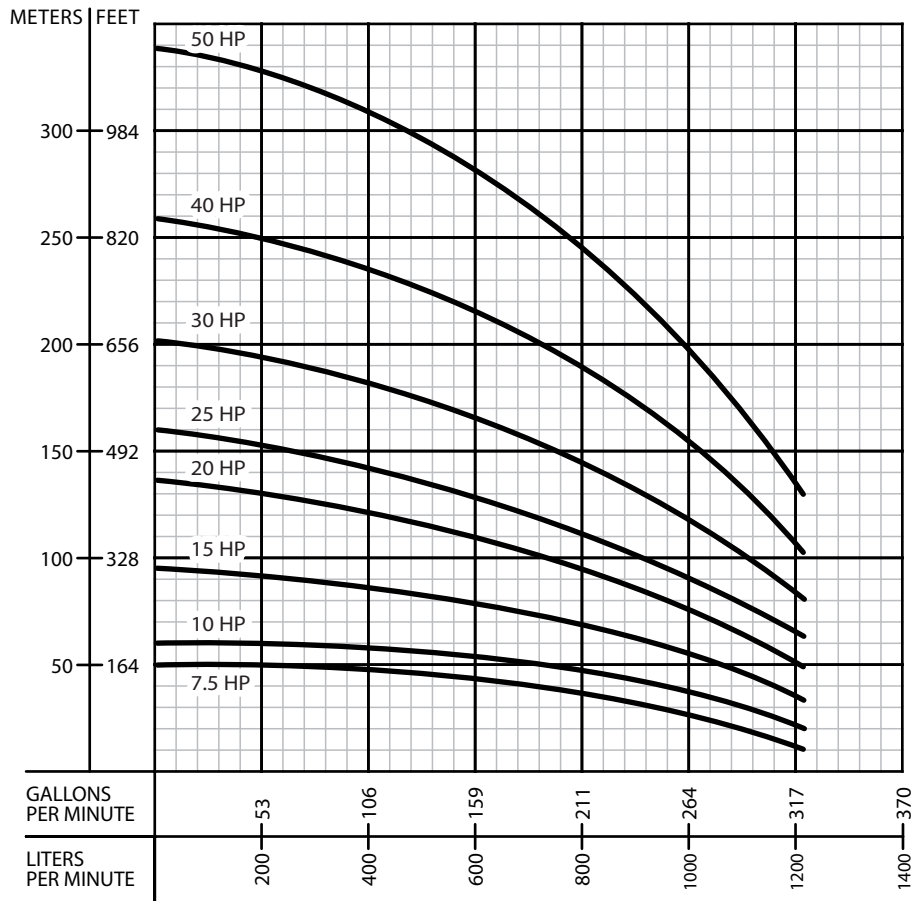
# Performance curve SP150



MODEL	STEPS	HP	CAPACITY LPM															
			200	250	300	350	400	450	500	550	600	650	700	750	800			
SP15003-5.0	3	5	47	48	47	46	44	42	41	39	37	32	30	24	19			
SP15004-7.5	4	7.5	63	66	63	62	61	59	57	52	50	47	41	35	30			
SP15005-10	5	10	83	82	81	80	78	75	72	69	64	60	54	49	40			
SP15008-15	8	15	132	122	121	117	113	108	104	93	92	87	78	70	59			
SP15011-20	11	20	170	168	162	160	154	150	143	137	130	120	112	102	90			
SP15014-25	14	25	215	210	203	198	190	162	175	168	158	147	135	122	109			
SP15017-30	17	30	260	254	248	238	230	222	212	200	189	178	161	148	130			

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

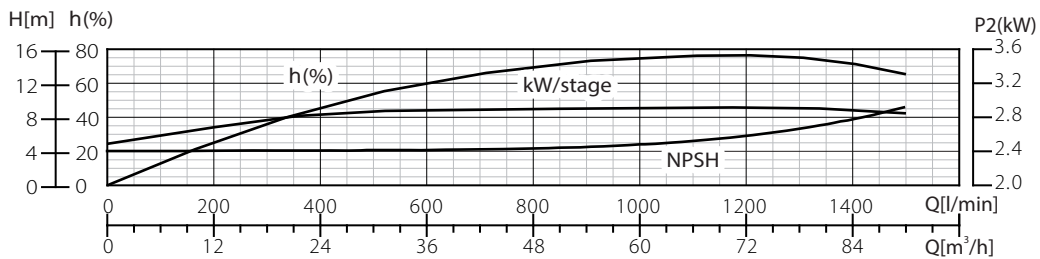
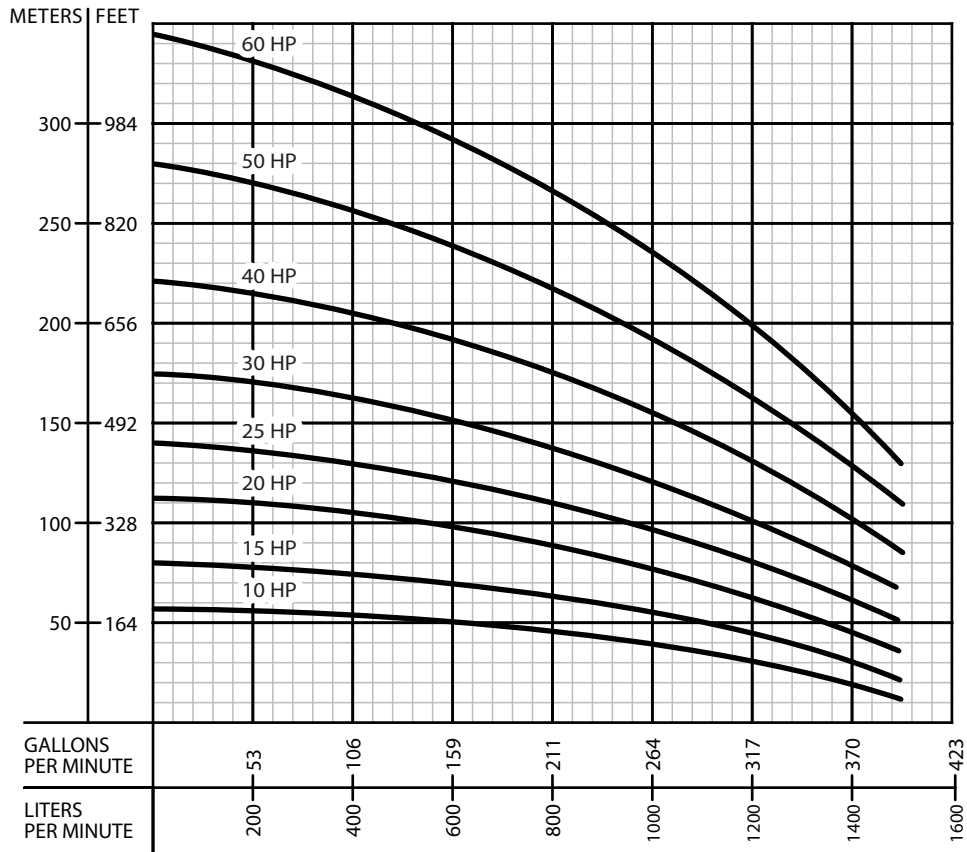
# Performance curve SP230



MODEL	STEPS	HP	CAPACITY LPM													
			300	350	400	450	500	550	600	700	800	900	1000	1100	1200	
SP23003-7.5	3	7.5	47	46	48	43	45	45	42	40	35	30	23	18	10	
SP23004-10	4	10	60	59	69	58	58	55	55	51	47	41	38	30	20	
SP23005-15	5	15	88	88	85	83	81	80	79	75	70	60	52	45	34	
SP23007-20	7	20	126	123	120	117	114	110	110	100	93	85	76	65	51	
SP23008-25	8	25	149	145	146	138	137	132	130	120	113	100	90	79	66	
SP23010-30	10	30	189	188	184	177	172	170	165	153	145	130	117	100	83	
SP23013-40	13	40	242	248	235	232	225	220	215	200	190	171	153	130	105	
SP23017-50	17	50	320	315	306	301	295	287	280	260	245	219	197	165	140	

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

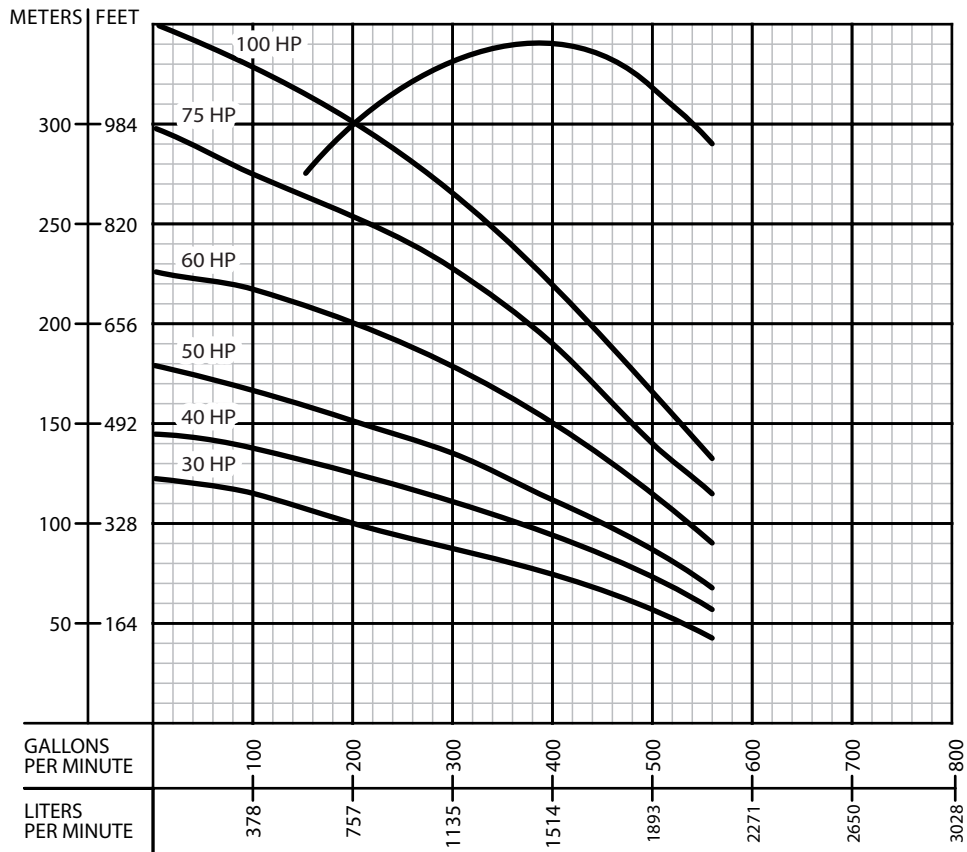
# Performance curve SP300



MODEL	STEPS	HP	CAPACITY LPM												
			400	450	500	600	700	800	900	1000	1100	1200	1300	1400	1500
SP30003-10	3	10	52	53	52	50	49	47	42	40	35	30	25	21	16
SP30004-15	4	15	77	76	74	69	65	62	59	55	50	44	39	31	28
SP30006-20	6	20	108	106	104	97	92	89	81	79	70	60	54	46	37
SP30007-25	7	25	130	132	129	121	113	110	101	95	89	78	70	61	51
SP30009-30	9	30	162	160	159	152	142	135	129	120	110	100	86	78	62
SP30011-40	11	40	205	200	200	190	182	175	165	155	140	130	114	100	84
SP30014-50	14	50	258	250	249	240	230	215	200	190	176	160	149	128	109
SP30017-60	17	60	315	308	305	292	279	265	250	235	215	195	175	152	131

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

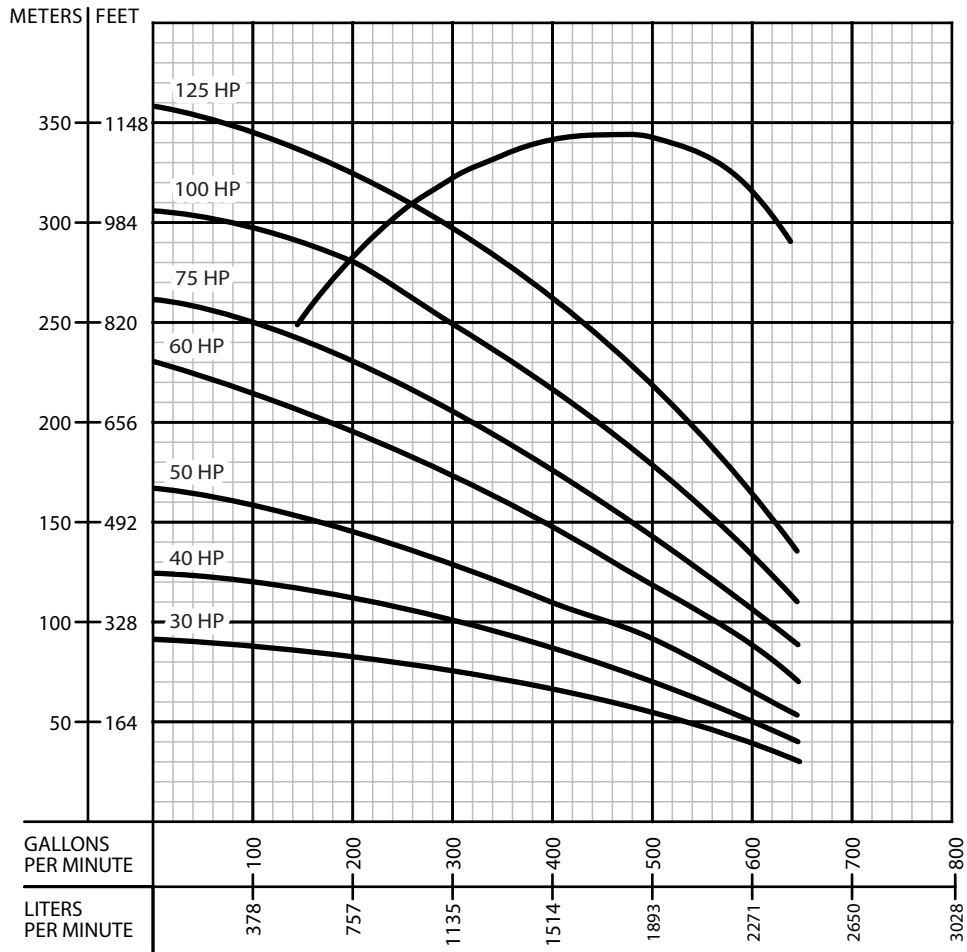
# Performance curve SP390



MODEL	STEPS	HP	100	200	300	400	500	600
SP39004-30	4	30	110	98	88	73	54	--
SP39005-40	5	40	136	127	112	94	69	--
SP39006-50	6	50	164	150	135	114	83	--
SP39008-60	8	60	217	201	178	150	112	--
SP39010-75	10	75	275	254	228	191	139	--
SP39012-100	12	100	328	299	267	221	164	--

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

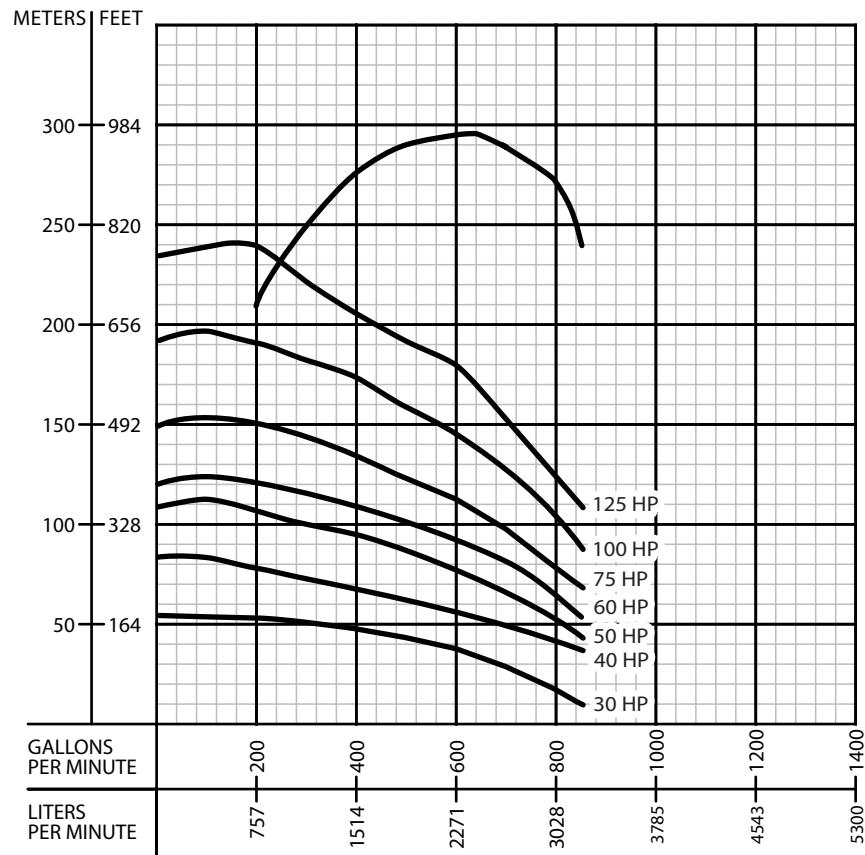
# Performance curve SP475



MODEL	STEPS	HP	100	200	300	400	500	600
SP47503-30	3	30	90	81	75	64	53	38
SP47504-40	4	40	119	110	99	85	70	51
SP47505-50	5	50	154	148	129	111	92	67
SP47507-60	7	60	221	201	170	149	121	86
SP47508-75	8	75	250	232	204	176	146	108
SP47510-100	10	100	298	280	251	220	188	137
SP47512-125	12	125	344	323	298	263	218	162

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

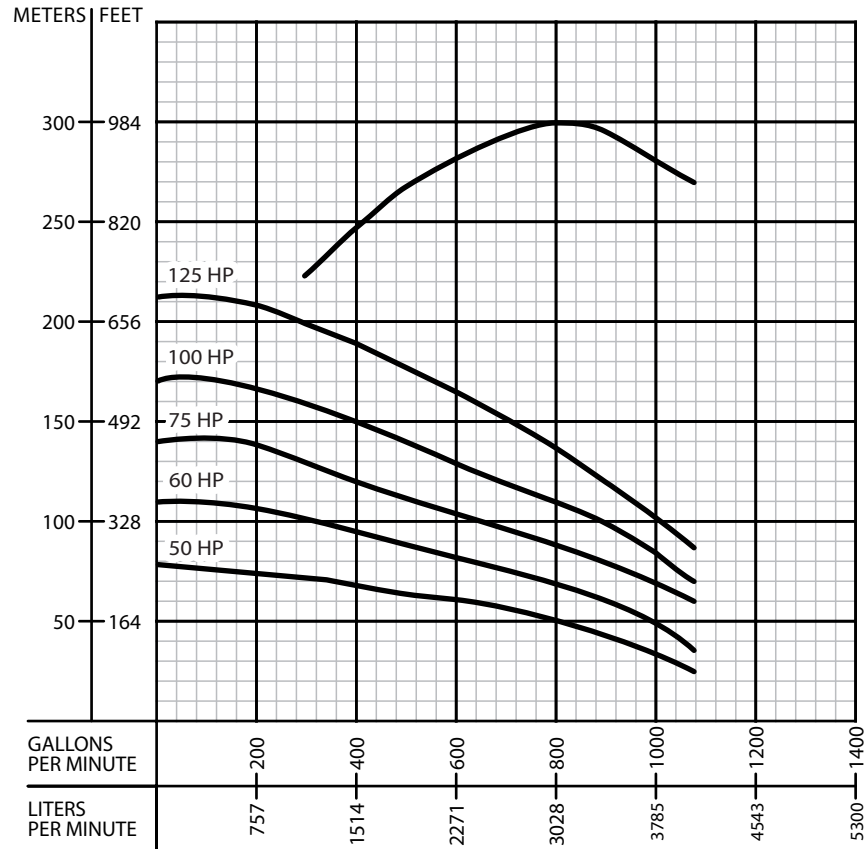
# Performance curve SP625



MODEL	STEPS	HP	100	200	300	400	500	600	700	800
SP62502-30AA	2	30	57	56	53	50	47	40	32	20
SP62502-40	2	40	85	81	76	71	66	59	52	43
SP62503-50A	3	50	114	108	102	96	89	80	69	54
SP62503-60	3	60	127	124	116	109	102	93	83	68
SP62504-75A	4	75	157	152	144	135	125	115	100	80
SP62505-100A	5	100	198	193	183	176	160	148	129	106
SP62506-125A	6	125	239	237	223	209	193	178	156	125

Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

# Performance curve SP800

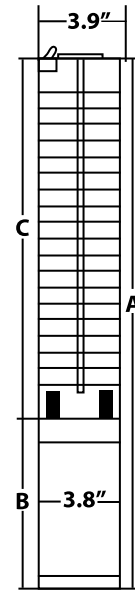


MODEL	STEPS	HP	100	200	300	400	500	600	700	800	900	1000
SP80002-50A	2	50	80	77	72	67	62	58	54	50	42	33
SP80003-60AA	3	60	111	109	103	97	91	83	77	71	61	49
SP80003-75	3	75	141	137	130	120	112	103	97	90	81	70
SP80004-100A	4	100	172	168	159	149	140	130	122	112	101	85
SP80005-125A	5	125	214	210	201	188	175	162	151	138	123	106

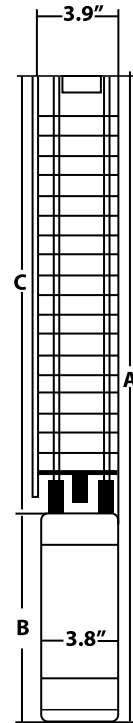
Testing is performed with water specific gravity of 1.0 @ 68 °F (20 °C); other fluids may vary performance.

## General dimensions 4"

MODEL	STEPS	HP	DISCHARGE	A	B	C	WEIGHT
				(inches)			(pound)
SP1009-0.5	9	0.5	1¼"	23.0	9.5	13.5	29.1
SP1015-1.0	15	1	1¼"	30.3	11.8	18.5	37.3
SP1021-1.5	21	1.5	1¼"	37.1	13.6	23.5	44.1
SP1027-2.0	27	2	1¼"	43.5	15.1	28.4	49.2
SP1805-0.5	5	0.5	1¼"	19.7	9.5	10.2	27.1
SP1809-1.0	9	1	1¼"	25.3	11.8	13.5	32.2
SP1813-1.5	13	1.5	1¼"	30.5	13.6	16.9	36.2
SP1817-2.0	17	2	1¼"	35.3	15.1	20.2	46.5
SP1823-3.0	23	3	1¼"	48.6	23.5	25.1	72.3
SP1836-5.0	36	5	1¼"	67.1	29.5	37.6	95.2
SP2504-0.5	4	0.5	1½"	20.4	9.5	10.9	26.9
SP2507-1.0	7	1	1½"	23.7	11.8	11.9	29.1
SP2509-1.5	9	1.5	1½"	27.1	13.6	13.5	35.1
SP2511-2.0	11	2	1½"	30.3	15.1	15.2	43.7
SP2515-3.0	15	3	1½"	42.0	23.5	18.5	68.6
SP2526-5.0	26	5	1½"	57.1	29.5	27.6	92.8
SP2539-7.5	39	7.5	1½"	69.6	29.5	40.1	101.4
SP4005-1.5	5	1.5	2"	29.7	13.6	16.1	43
SP4007-2.0	7	2	2"	34.5	15.1	19.4	45.9
SP4009-3.0	9	3	2"	46.2	23.5	22.7	69.7
SP4012-5.0	12	5	2"	57.2	29.5	27.7	94.6
SP4015-5.0	15	5	2"	62.1	29.5	32.6	95.2
SP4021-7.5	21	7.5	2"	72.1	29.5	42.6	102.5
SP4025-7.5	25	7.5	2"	78.7	29.5	49.2	103.4
SP7503-2.0	3	2	2"	30.1	15.1	15.0	45.9
SP7505-3.0	5	3	2"	43.6	23.5	20.1	69.2
SP7508-5.0	8	5	2"	57.3	29.5	27.8	93
SP7512-7.5	12	7.5	2"	67.5	29.5	38.0	102.1



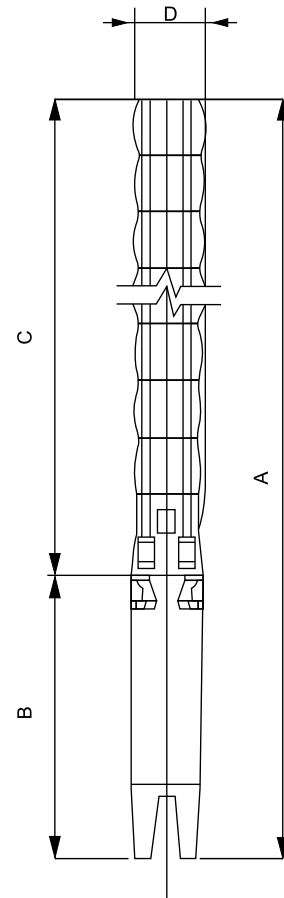
SP10,18 y 25



SP40 y 75

## General dimensions 6"

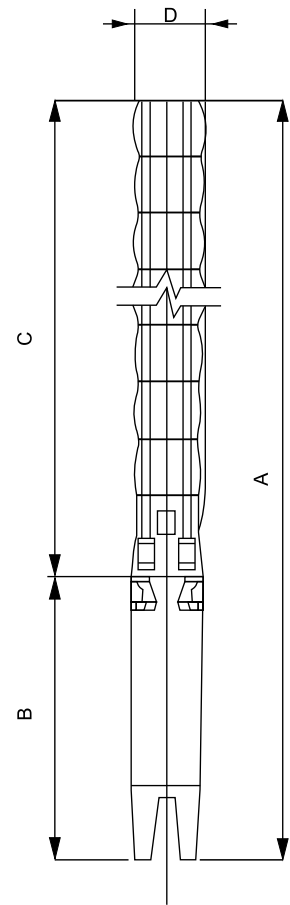
MODEL	STEPS	HP	DISCHARGE	A	B	C	D	WEIGHT (pound)	
				(inches)				PUMP	MOTOR
SP9004-5	4	5	3"	42.8	22.2	20.6	5.16	20.5	55.1
SP9006-7.5	6	7.5	3"	53.6	28.2	25.4	5.16	26.9	70.5
SP9009-10	9	10	3"	58	25.4	32.6	5.59	36.6	119
SP9013-15	13	15	3"	70.1	28	42.1	5.59	49.4	132.3
SP9018-20	18	20	3"	84.6	30.6	54	5.59	65.3	147.7
SP15003-5	3	5	3"	44.2	22.2	22	5.59	22.3	55.1
SP15004-7.5	4	7.5	3"	54	28.2	25.8	5.59	26	70.5
SP15005-10	5	10	3"	54.9	25.4	29.5	5.59	29.8	119
SP15008-15	8	15	3"	68.9	28	40.9	5.59	41	132.3
SP15011-20	11	20	3"	82.8	30.6	52.2	5.59	52	147.7
SP15014-25	14	25	3"	92.9	33.1	59.8	5.59	63.3	158.7
SP15017-30	17	30	3"	110.6	35.7	74.9	5.59	74.5	176.4
SP23003-7.5	3	7.5	3"	52.2	28.2	24	5.83	25.4	70.5
SP23004-10	4	10	3"	53.8	25.4	28.4	5.98	30.2	119
SP23005-15	5	15	3"	60.9	28	32.9	5.98	35.3	132.3
SP23007-20	7	20	3"	72.4	30.6	41.8	5.98	45.4	147.7
SP23008-25	8	25	3"	79.3	33.1	46.2	5.98	50.5	158.7
SP23010-30	10	30	3"	90.8	35.7	55.1	5.98	60.4	176.4
SP23013-40	13	40	3"	109.3	40.8	68.5	5.98	75.6	207.2
SP23017-50	17	50	3"	141.6	55.3	86.3	5.98	95.7	304.2
SP30003-10	3	10	4"	49.4	25.4	24	5.98	25.4	119
SP30004-15	4	15	4"	56.4	28	28.4	5.98	30.2	132.3
SP30006-20	6	20	4"	67.9	30.6	37.3	5.98	40.3	147.7
SP30007-25	7	25	4"	74.9	33.1	41.8	5.98	45.4	158.7
SP30009-30	9	30	4"	86.4	35.7	50.7	5.98	55.3	176.4
SP30011-40	11	40	4"	100.4	40.8	59.6	5.98	65.5	207.2
SP30014-50	14	50	4"	128.2	55.3	72.9	5.98	80.5	304.2
SP30017-60	17	60	4"	147.6	61.3	86.3	5.98	95.7	335.1





## General dimensions 8" & 10"

MODEL	STEPS	HP	DISCHARGE	A	B	C	D	WEIGHT (pound)	
								PUMP	MOTOR
SP39004-30	4	30	5"	81	41.5	39.5	7.4	165.8	209.4
SP39005-40	5	40	5"	89.4	45.4	44.5	7.4	181.4	224.9
SP39006-50	6	50	5"	97.9	48.4	49.5	7.4	196.9	246.9
SP39006-50B	6	50	5"	96.4	46.9	49.5	7.4	203.9	374.8
SP39008-60	8	60	5"	110.5	51	59.5	7.4	228	383.6
SP39010-75	10	75	5"	124.2	54.2	70	7.4	259	465.2
SP39012-100	12	100	5"	139	59	80	7.4	290.1	758.4
SP47503-30	3	30	5"	76	41.5	34.5	7.4	150.4	209.4
SP47504-40	4	40	5"	84.9	45.4	39.5	7.4	165.8	224.9
SP47505-50	5	50	5"	92.9	48.4	44.5	7.4	181.4	246.9
SP47505-50B	5	50	5"	93.4	46.9	46.5	7.4	187.6	374.8
SP47507-60	7	60	5"	105.5	51	54.5	7.4	212.5	383.6
SP47508-75	8	75	5"	113.7	54.2	59.5	7.4	228	465.2
SP47510-100	10	100	5"	129	59	70	7.4	263.5	758.4
SP47512-125	12	125	5"	151.2	71.2	80	7.4	290.1	828.9
SP62502-30AA	2	30	6"	73.3	41.5	31.8	8.3	78.5	209.4
SP62502-40	2	40	6"	77.2	45.4	31.8	8.3	78.9	224.9
SP62503-50A	3	50	6"	86.4	48.4	38	8.3	93	246.9
SP62503-50AB	3	50	6"	84.9	46.9	38	8.39	103.6	374.8
SP62503-60	3	60	6"	89	51	38	8.4	103.7	383.6
SP62504-75A	4	75	6"	98.2	54.2	44	8.4	114.6	465.2
SP62505-100A	5	100	6"	109.2	59	50.2	8.4	125.7	758.4
SP62506-125A	6	125	6"	121.5	71.2	50.3	8.4	136.7	828.9
SP80002-50A	2	50	6"	80.2	48.4	31.8	8.3	81.4	246.9
SP80002-50AB	2	50	6"	78.7	46.9	31.8	8.3	91.9	374.8
SP80003-60AA	3	60	6"	89	51	38	8.4	98.3	383.6
SP80003-75	3	75	6"	92.2	54.2	38	8.4	98.3	465.2
SP80004-100A	4	100	6"	103	59	44	8.4	112.4	758.4
SP80005-125A	5	125	6"	121.4	71.2	50.2	8.4	126.8	828.9



[www.barmesapumps.com](http://www.barmesapumps.com)

© Barmesa Pumps LLC. All rights reserved.