

6"

SM6-SR6 SERIES

Borewell Submersible Pumps



SM6 Series



SR6 Series



SR6H Series

PERFORMANCE RANGE

- Head : Upto 495 mtrs
- Flow Range : Upto 1410 lpm
- Power Rating : 4 -30HP / 3 - 22KW
- Power Supply : Three Phase

APPLICATION LIMITS

- Maximum liquid temperature 40°C
- Maximum sand content 1.5 kg/m³
- Desinty upto 1050 Kg/m³
- Dissolved solid content upto 50 Kg/m³

OPTIONS AVAILABLE ON REQUEST

- Other Voltages or 60Hz frequency
- Mouting with Keyway coupling

CERTIFICATIONS



INSTALLATION AND USE

Suitable for use with clean and cold water with a sand content of no more than 1.5 kg/m³. As a result of their high efficiency and reliability, they are suitable for use in domestic, civil and industrial applications such as for the distribution of water in combination with pressure sets, for irrigation, for washing plants and for pressure boosting in fire-fighting sets, etc.

SPECIAL FEATURES

- Floating Impeller Design prevents blockage.
- Rigid Constuction
- 6" NEMA Mounting and 5" Mounting
- Easy to dismantle and Repair

DESIGNATION

S : S (Standard) ,X (Stainless Steel),
R : M (Mixed Flow), R(Radial Flow)
6 : Suitable Bore Dia 6"
 /
100H : Design Reference
 /
4 : Stages

For Example:

SM6/300/3: 6 inch Mixed Flow Submersible pump of 300 Series of 3 stages

Construction Features

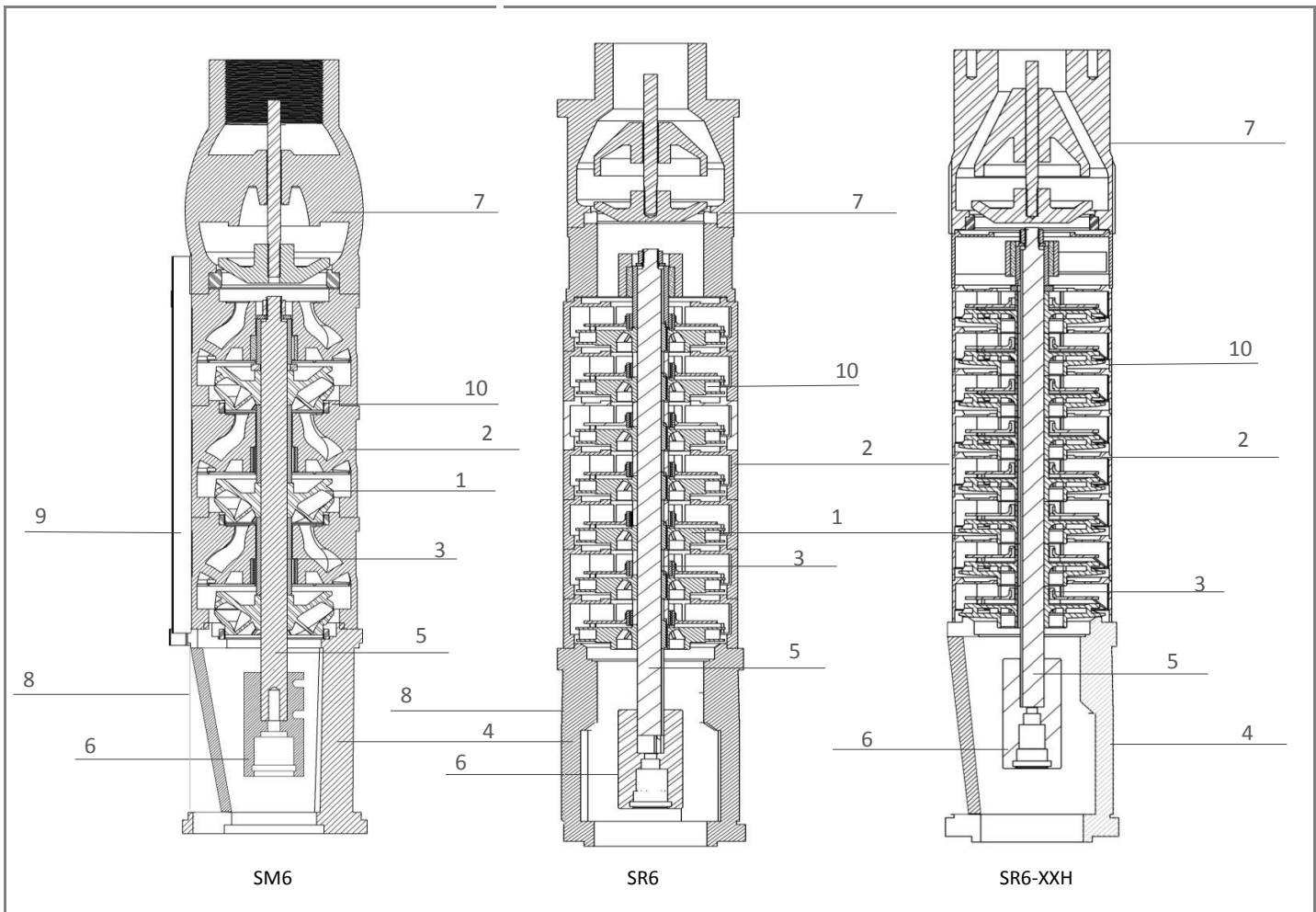
SM6-SR6

S. No.	PART	MATERIAL OF CONSTRUCTION		
		SM6	SR6	SR6-XXXH
1	Impeller	SS AISI 410 **	SS AISI 410 **	SS AISI 410 **
2	Diffuser / Bowl	Grey Iron 200 ISO	Grey Iron 200 ISO	SS AISI 304
3	Shaft Sleeve	Cr- SS AISI 410	Cr-SS AISI 410	Cr-SS AISI 410
4	Sucton	Grey Iron 200 ISO	Grey Iron 200 ISO	Grey Iron 200 ISO
5	Pump Shaft	SS AISI 410 *	SS AISI 410 *	SS AISI 410 *
6	Coupling	SS AISI 410 *	SS AISI 410 *	SS AISI 410 *
7	NRV Housing	Grey Iron 200 ISO	Grey Iron 200 ISO	Grey Iron 200 ISO
8	Pump Inlet Screen	SS AISI 202	SS AISI 202	SS AISI 202
9	Cable Guard	SS AISI 202	SS AISI 202	SS AISI 202
10	Wear Ring	Nitrile Rubber **	Nitrile Rubber **	Nitrile Rubber **

Note:

* SS AISI 431 available on request

** Available in Bronze on request.



6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

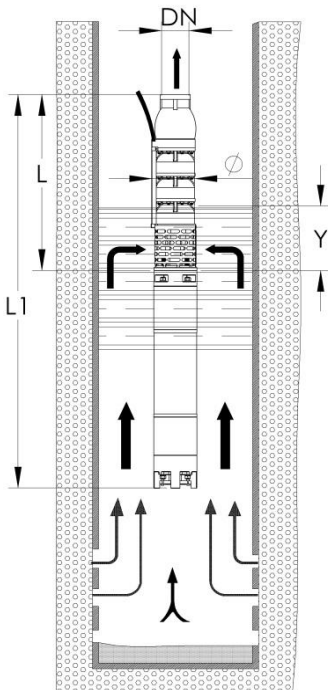
Performance at 2900 RPM 50Hz

SM6/300

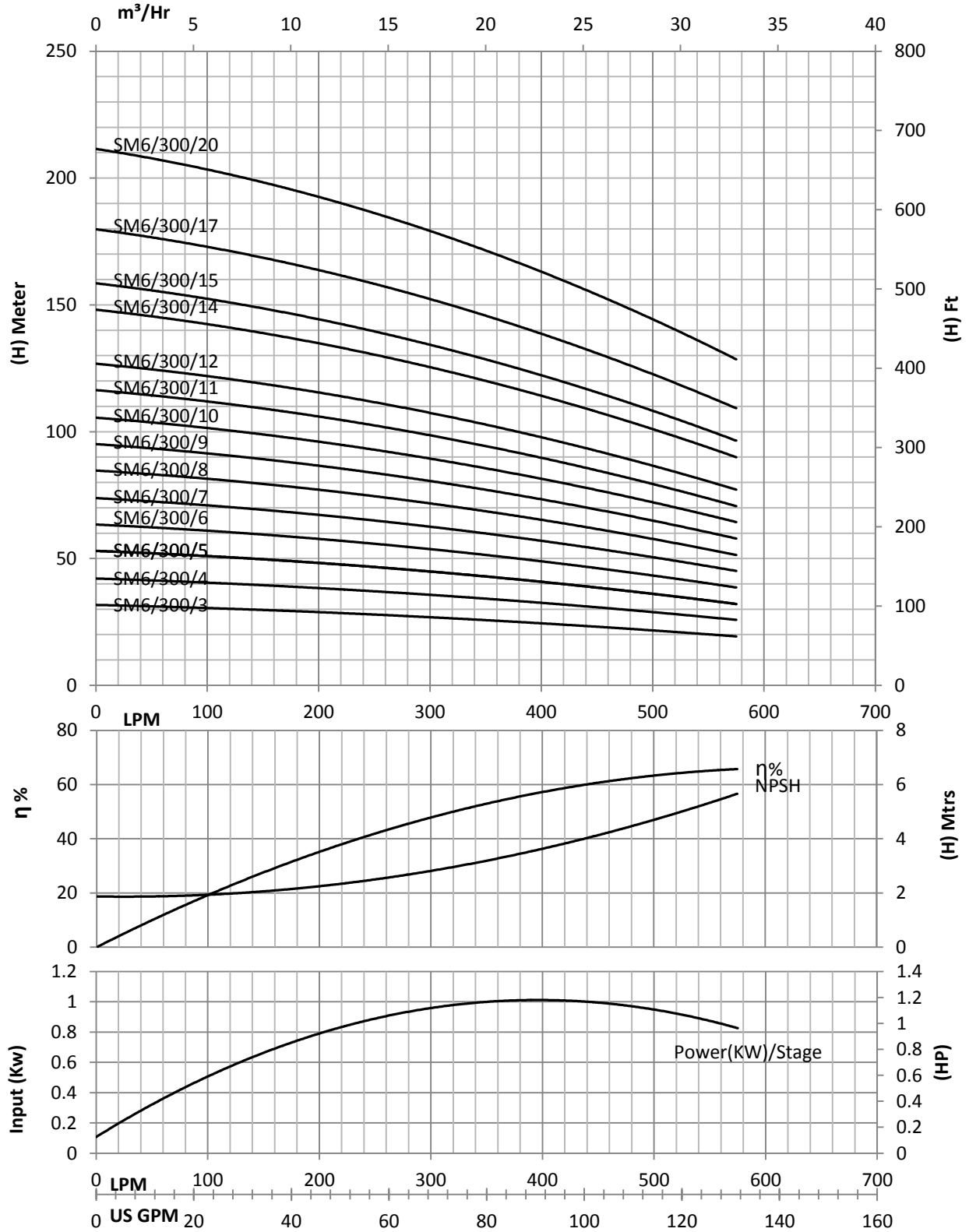
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	40.9	76.1	95.1	108.3	125.5	136	151.9
				m ³ /Hr	0	9.3	17.28	21.6	24.6	28.5	30.9	34.5
		HP	kW	lpm	0	155	288	360	410	475	515	575
SM6/300/3	3	4	3	H e a d m t r s	32	29	27	26	24	23	21	19
SM6/300/4	4	5	3.7		42.5	38.5	36	34.5	32	30.5	28	25.5
SM6/300/5	5	5	3.7		53.5	48.5	45	43.5	40	38.5	35	31.5
SM6/300/5	5	6	4.5		53.5	48.5	45	43.5	40	38.5	35	31.5
SM6/300/6	6	6	4.5		64	58	54	52	48	46	42	38
SM6/300/7	7	7.5	5.5		74.5	67.5	63	60.5	56	53.5	49	44.5
SM6/300/8	8	7.5	5.5		85.5	77.5	72	69.5	64	61.5	56	50.5
SM6/300/9	9	10	7.5		96	87	81	78	72	69	63	57
SM6/300/10	10	10	7.5		106.5	96.5	90	86.5	80	76.5	70	63.5
SM6/300/11	11	12.5	9.3		117.5	106.5	99	95.5	88	84.5	77	69.5
SM6/300/12	12	12.5	9.3		128	116	108	104	96	92	84	76
SM6/300/14	14	15	11		149.5	135.5	126	121.5	112	107.5	98	88.5
SM6/300/15	15	17.5	13		160	145	135	130	120	115	105	95
SM6/300/17	17	20	15		181.5	164.5	153	147.5	136	130.5	119	107.5
SM6/300/20	20	25	18.5		213.5	193.5	180	173.5	160	153.5	140	126.5

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/300/3	6" NEMA	146	635	*	30	36.8	22.8	800	2 1/2
SM6/300/4	6" NEMA	146	724	*	35	42.5	25.5	800	2 1/2
SM6/300/5	6" NEMA	146	813	*	41	49.3	28.2	800	2 1/2
SM6/300/5	6" NEMA	146	813	*	41	49.3	28.2	800	2 1/2
SM6/300/6	6" NEMA	146	902	*	46	55.1	30.9	800	2 1/2
SM6/300/7	6" NEMA	146	991	*	51	60.8	33.5	800	2 1/2
SM6/300/8	6" NEMA	146	1080	*	56	66.6	36.2	800	2 1/2
SM6/300/9	6" NEMA	146	1169	*	61	72.4	38.9	800	2 1/2
SM6/300/10	6" NEMA	146	1258	*	66	78.1	41.6	800	2 1/2
SM6/300/11	6" NEMA	146	1347	*	72	84.9	44.3	800	2 1/2
SM6/300/12	6" NEMA	146	1436	*	77	90.7	47	800	2 1/2
SM6/300/14	6" NEMA	146	1614	*	87	102.2	52.3	800	2 1/2
SM6/300/15	6" NEMA	146	1703	*	92	107.9	55	800	2 1/2
SM6/300/17	6" NEMA	146	1881	*	102.4	119.9	60.4	800	2 1/2
SM6/300/20	6" NEMA	146	2148	*	117.9	137.7	68.4	800	2 1/2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

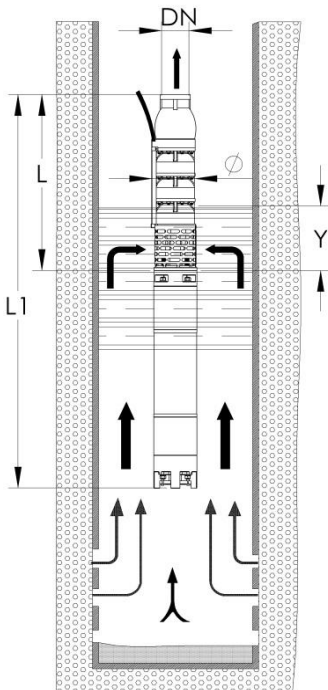
Performance at 2900 RPM 50Hz

SM6/350A

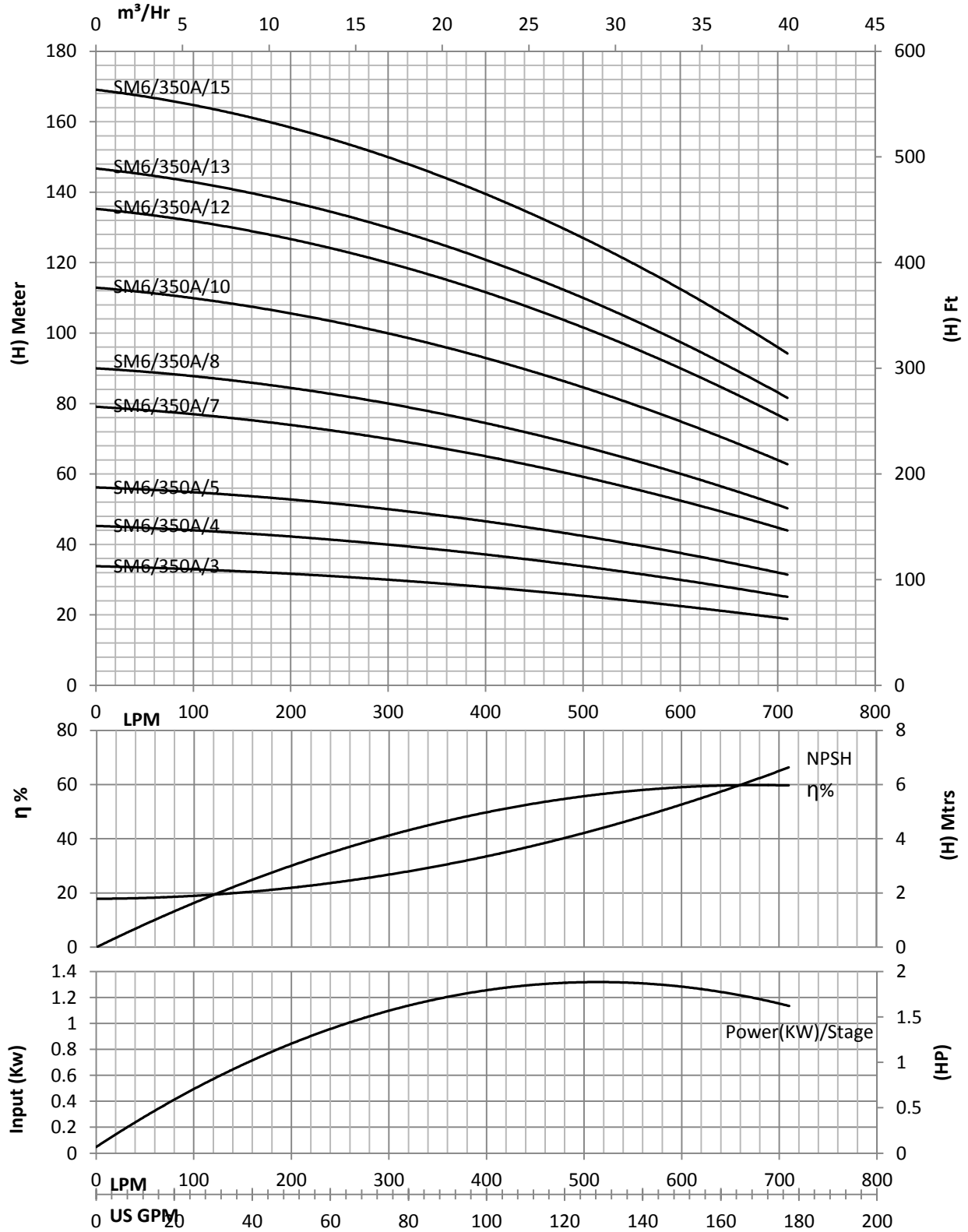
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	74	108.3	129.4	149	162.4	170.6	187.5
				m ³ /Hr	0	16.8	24.6	29.4	33.84	36.9	38.76	42.6
		HP	kW	lpm	0	280	410	490	564	615	646	710
SM6/350A/3	3	5	3.7	H e a d m t r s	34	30	27	26	24	23	21	18
SM6/350A/4	4	6	4.5		45.5	40	36	34.5	32	30.5	28	24
SM6/350A/5	5	7.5	5.5		56.5	50	45	43.5	40	38.5	35	30
SM6/350A/7	7	10	7.5		79.5	70	63	60.5	56	53.5	49	42
SM6/350A/8	8	12.5	9.3		90.5	80	72	69.5	64	61.5	56	48
SM6/350A/10	10	15	11		113.5	100	90	86.5	80	76.5	70	60
SM6/350A/12	12	17.5	13		136	120	108	104	96	92	84	72
SM6/350A/13	13	20	15		147.5	130	117	112.5	104	99.5	91	78
SM6/350A/15	15	25	18.5		170	150	135	130	120	115	105	90

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/350A/3	6" NEMA	146	635	*	30.3	37.1	22.8	800	2 1/2
SM6/350A/4	6" NEMA	146	724	*	35.5	43	25.5	800	2 1/2
SM6/350A/5	6" NEMA	146	813	*	40.6	48.9	28.2	800	2 1/2
SM6/350A/7	6" NEMA	146	991	*	50.9	60.7	33.5	800	2 1/2
SM6/350A/8	6" NEMA	146	1080	*	56.1	66.7	36.2	800	2 1/2
SM6/350A/10	6" NEMA	146	1258	*	66.4	78.5	41.6	800	2 1/2
SM6/350A/12	6" NEMA	146	1436	*	76.7	90.4	47	800	2 1/2
SM6/350A/13	6" NEMA	146	1525	*	81.8	96.2	49.6	800	2 1/2
SM6/350A/15	6" NEMA	146	1703	*	92.1	108	55	800	2 1/2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

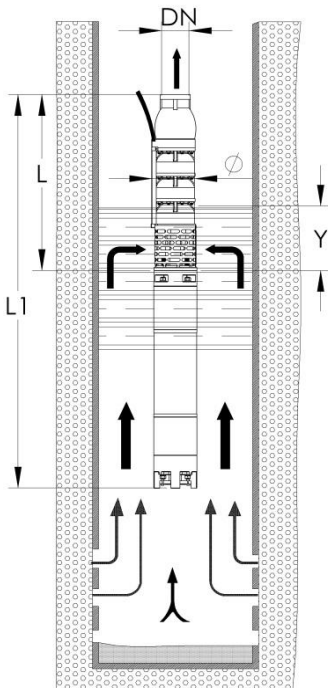
Performance at 2900 RPM 50Hz

SM6/350B

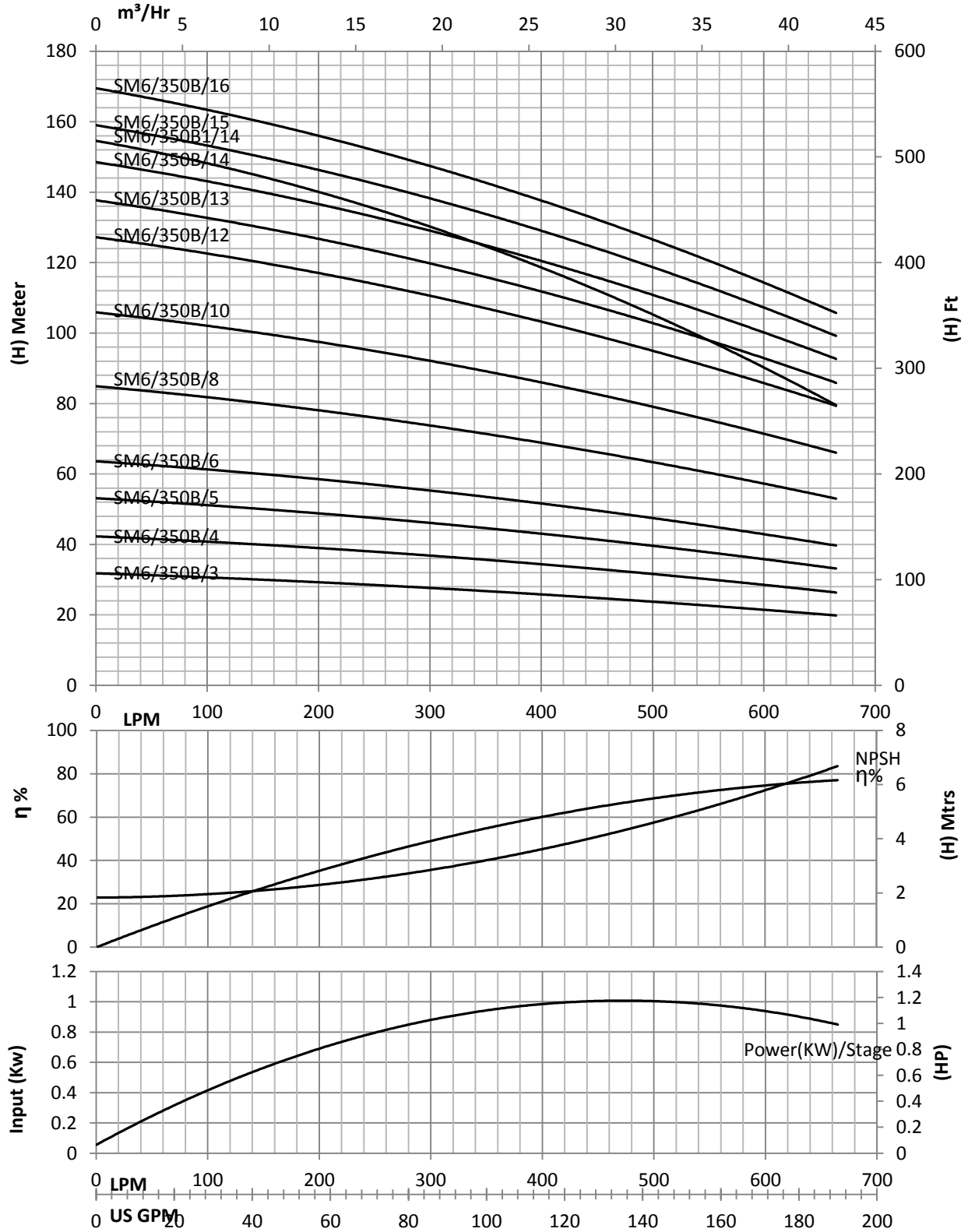
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	62.1	103	121.5	136	151.9	157.1	175.6
				m ³ /Hr	0	14.1	23.4	27.6	30.9	34.5	35.7	39.9
		HP	kW	lpm	0	235	390	460	515	575	595	665
SM6/350B/3	3	4	3	H e a d m t r s	32	28	26	26	23	22	21	20
SM6/350B/4	4	5	3.7		42.5	37.5	34.5	34.5	30.5	29.5	28	26.5
SM6/350B/5	5	6	4.5		53.5	46.5	43.5	43.5	38.5	36.5	35	33.5
SM6/350B/6	6	7.5	5.5		64	56	52	52	46	44	42	40
SM6/350B/8	8	10	7.5		85.5	74.5	69.5	69.5	61.5	58.5	56	53.5
SM6/350B/10	10	12.5	9.3		106.5	93.5	86.5	86.5	76.5	73.5	70	66.5
SM6/350B/12	12	15	11		128	112	104	104	92	88	84	80
SM6/350B/13	13	17.5	13		138.5	121.5	112.5	112.5	99.5	95.5	91	86.5
SM6/350B/14	14	17.5	13		149.5	130.5	121.5	121.5	107.5	102.5	98	93.5
SM6/350B1/14	14	20	15		156	132.5	121	111.5	104.5	97.5	90.5	76.5
SM6/350B/15	15	20	15		160	140	130	130	115	110	105	100
SM6/350B/16	16	20	15		170.5	149.5	138.5	138.5	122.5	117.5	112	106.5

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/350B/3	6" NEMA	146	635	*	30.3	37.1	22.8	800	2 1/2
SM6/350B/4	6" NEMA	146	724	*	35.5	43	25.5	800	2 1/2
SM6/350B/5	6" NEMA	146	813	*	40.6	48.9	28.2	800	2 1/2
SM6/350B/6	6" NEMA	146	902	*	45.8	54.9	30.9	800	2 1/2
SM6/350B/8	6" NEMA	146	1080	*	56.1	66.7	36.2	800	2 1/2
SM6/350B/10	6" NEMA	146	1258	*	66.4	78.5	41.6	800	2 1/2
SM6/350B/12	6" NEMA	146	1436	*	76.7	90.4	47	800	2 1/2
SM6/350B/13	6" NEMA	146	1525	*	81.8	96.2	49.6	800	2 1/2
SM6/350B/14	6" NEMA	146	1614	*	87	102.2	52.3	800	2 1/2
SM6/350B1/14	6" NEMA	146	1614	*	87	102.2	52.3	800	2 1/2
SM6/350B/15	6" NEMA	146	1703	*	92.1	108	55	800	2 1/2
SM6/350B/16	6" NEMA	146	1792	*	97.3	114	57.7	800	2 1/2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

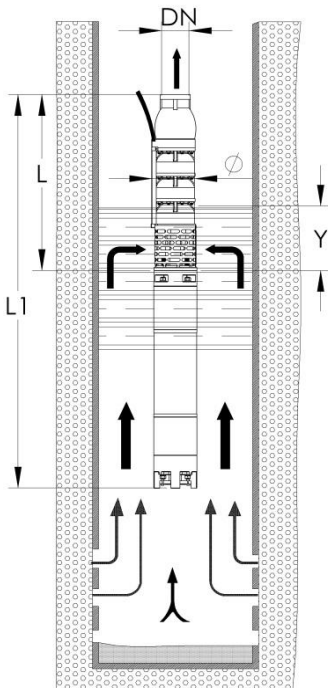
Performance at 2900 RPM 50Hz

SM6/450

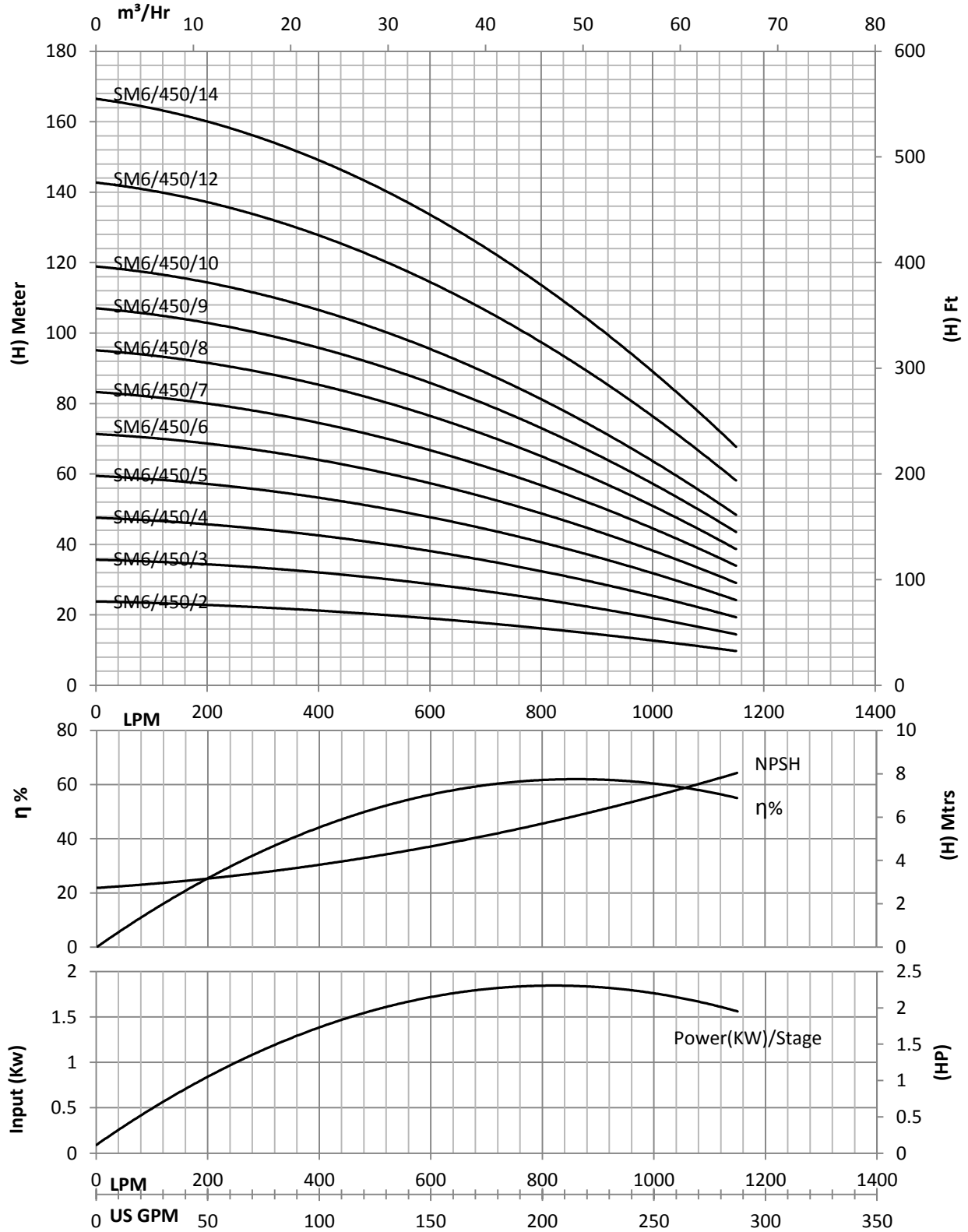
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	108.3	151.9	198.1	237.7	270.7	283.9	303.7
				m ³ /Hr	0	24.6	34.5	45	54	61.5	64.5	69
		HP	kW	lpm	0	410	575	750	900	1025	1075	1150
SM6/450/2	2	4	3	H e a d m t r s	24	21	18.5	17	15.5	13	11	9
SM6/450/3	3	6	4.5		36	31.5	28	26	23.5	19	16.5	13.5
SM6/450/4	4	7.5	5.5		48	42	37	34.5	31	25.5	22	18
SM6/450/5	5	10	7.5		60	52.5	46.5	43	39	32	27.5	22.5
SM6/450/6	6	12.5	9.3		72	63	56	51.5	47	38.5	33	27
SM6/450/7	7	15	11		84	73.5	65	60	54.5	45	38.5	31.5
SM6/450/8	8	15	11		96	84	74.5	69	62.5	51	44	36
SM6/450/9	9	17.5	13		108	94.5	83.5	77.5	70	57.5	49.5	40.5
SM6/450/10	10	20	15		120	105	93	86	78	64	55	45
SM6/450/12	12	25	18.5		144	126	111.5	103	93.5	77	66	54
SM6/450/14	14	30	22		168	147	130	120.5	109	89.5	77	63

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/450/2	6" NEMA	146	584	*	25.6	31.9	21.3	800	3
SM6/450/3	6" NEMA	146	686	*	31.2	38.4	24.4	800	3
SM6/450/4	6" NEMA	146	787	*	36.9	45	27.4	800	3
SM6/450/5	6" NEMA	146	889	*	42.5	51.5	30.5	800	3
SM6/450/6	6" NEMA	146	991	*	48	57.8	33.5	800	3
SM6/450/7	6" NEMA	146	1092	*	53.8	64.5	36.6	800	3
SM6/450/8	6" NEMA	146	1194	*	59	70.6	39.7	800	3
SM6/450/9	6" NEMA	146	1295	*	65	77.4	42.7	800	3
SM6/450/10	6" NEMA	146	1397	*	71	84.3	45.8	800	3
SM6/450/12	6" NEMA	146	1600	*	82	97.1	51.9	800	3
SM6/450/14	6" NEMA	146	1803	*	93	109.8	58	800	3



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

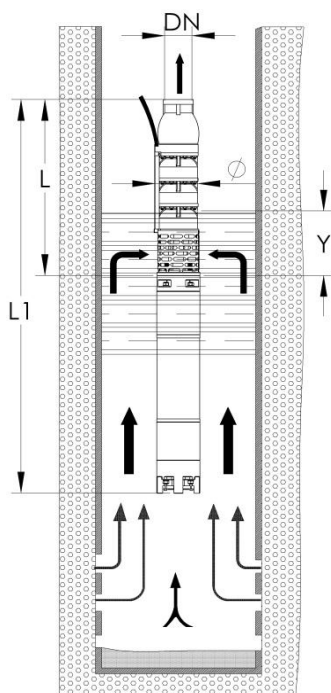
Performance at 2900 RPM 50Hz

SM6/500A

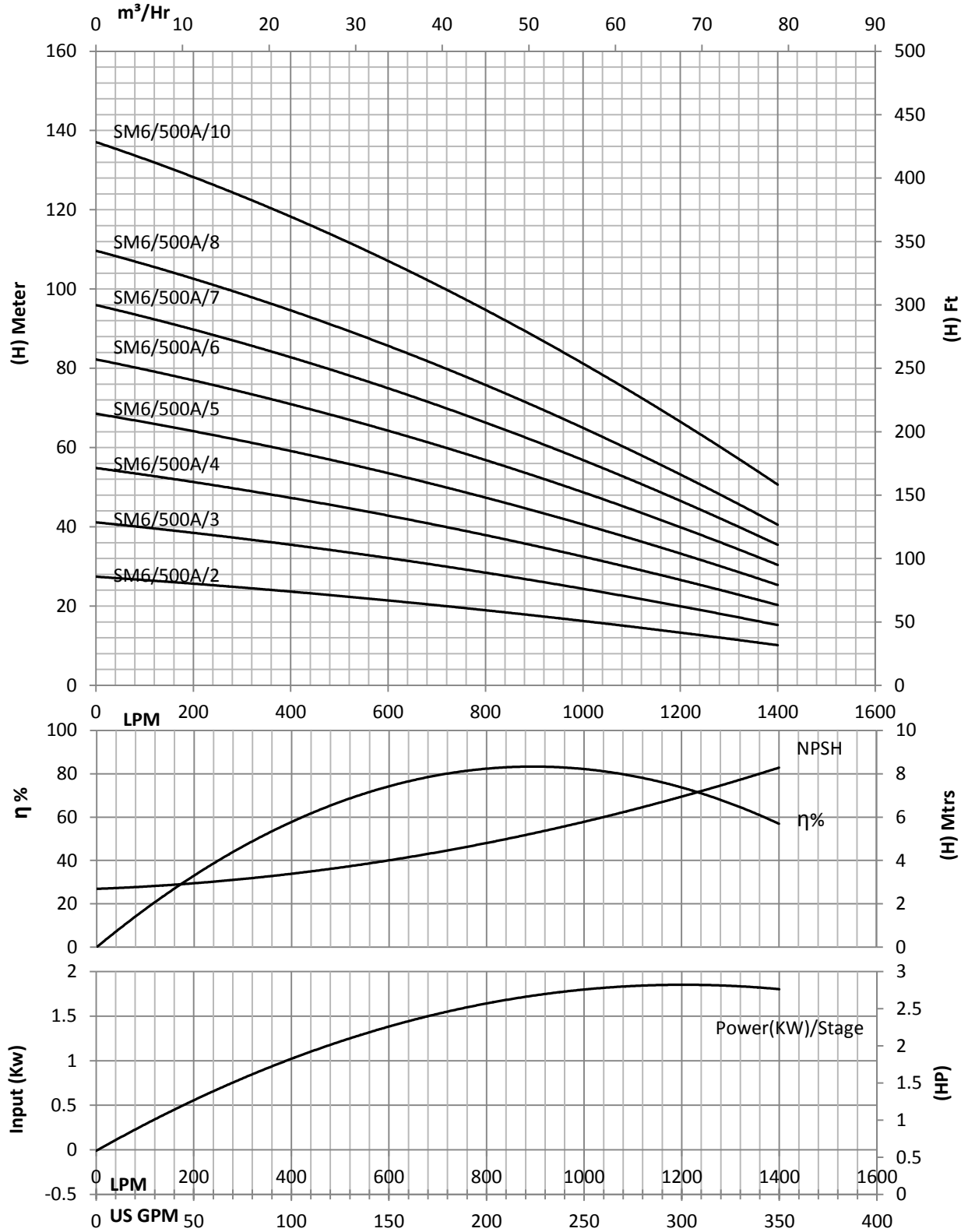
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	121.5	167.7	250.9	283.9	319.6	352.6	369.8
				m ³ /Hr	0	27.6	38.1	57	64.5	72.6	80.1	84
		HP	kW	lpm	0	460	635	950	1075	1210	1335	1400
SM6/500A/2	2	6	4.5	H m e t e r s	28	22	20	18	16	14	11	9
SM6/500A/3	3	10	7.5		42	33	30	27	24	21	16.5	13.5
SM6/500A/4	4	12.5	9.3		56	44	40	36	32	28	22	18
SM6/500A/5	5	15	11		70	55	50	45	40	35	27.5	22.5
SM6/500A/6	6	17.5	13		84	66	60	54	48	42	33	27
SM6/500A/7	7	20	15		98	77	70	63	56	49	38.5	31.5
SM6/500A/8	8	25	18.5		112	88	80	72	64	56	44	36
SM6/500A/10	10	30	22		140	110	100	90	80	70	55	45

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/500A/2	6" NEMA	146	584	*	25.6	31.9	21.3	800	3
SM6/500A/3	6" NEMA	146	685	*	31	38.2	24.3	800	3
SM6/500A/4	6" NEMA	146	787	*	37	45.1	27.4	800	3
SM6/500A/5	6" NEMA	146	888	*	42	50.9	30.4	800	3
SM6/500A/6	6" NEMA	146	990	*	48	57.8	33.5	800	3
SM6/500A/7	6" NEMA	146	1092	*	53.6	64.3	36.6	800	3
SM6/500A/8	6" NEMA	146	1193	*	59	70.6	39.6	800	3
SM6/500A/10	6" NEMA	146	1396	*	70	83.3	45.8	800	3



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

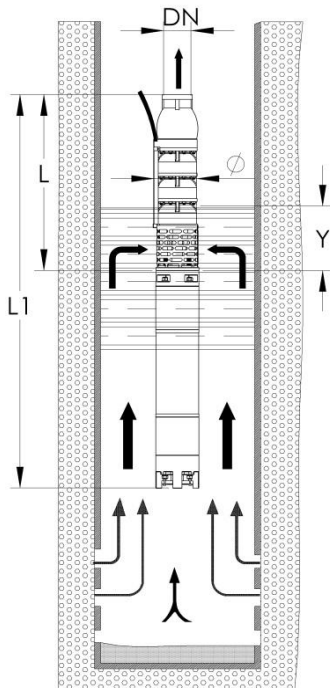
Performance at 2900 RPM 50Hz

SM6/500B

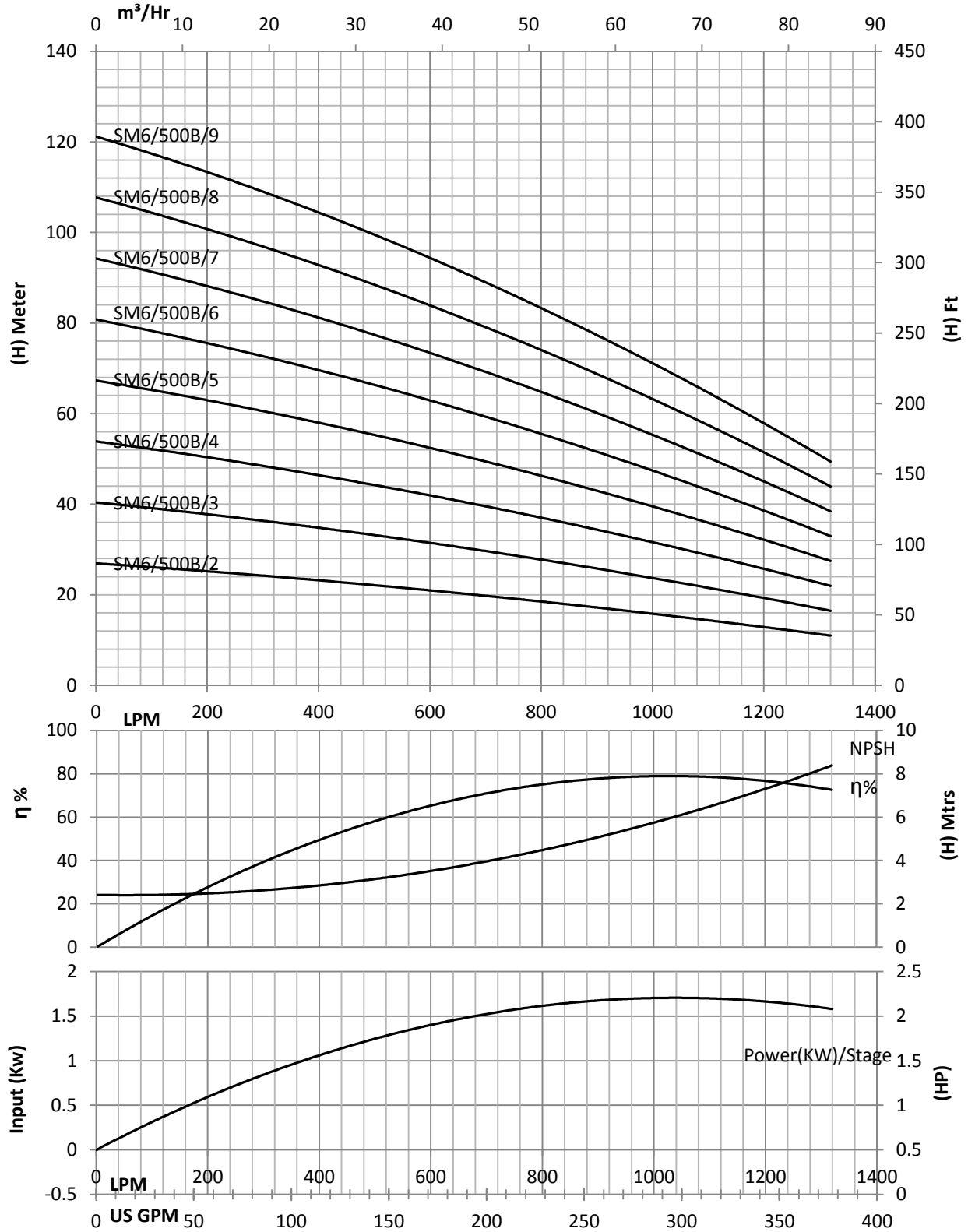
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	175.6	216.6	237.7	270.7	303.7	342	348.6
				m ³ /Hr	0	39.9	49.2	54	61.5	69	77.7	79.2
		HP	kW	lpm	0	665	820	900	1025	1150	1295	1320
SM6/500B/2	2	5	3.7	H m e t e r s	27	20	18	17	16	14	12	10
SM6/500B/3	3	7.5	5.5		40.5	30	27	25.5	24	21	18	15
SM6/500B/4	4	10	7.5		54	40	36	34	32	28	24	20
SM6/500B/5	5	12.5	9.3		67.5	50	45	42.5	40	35	30	25
SM6/500B/6	6	15	11		81	60	54	51	48	42	36	30
SM6/500B/7	7	17.5	13		94.5	70	63	59.5	56	49	42	35
SM6/500B/8	8	20	15		108	80	72	68	64	56	48	40
SM6/500B/9	9	25	18.5		121.5	90	81	76.5	72	63	54	45

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/500B/2	6" NEMA	146	584	*	26	32.3	21.3	800	3
SM6/500B/3	6" NEMA	146	685	*	31	38.2	24.3	800	3
SM6/500B/4	6" NEMA	146	787	*	37	45.1	27.4	800	3
SM6/500B/5	6" NEMA	146	888	*	42	50.9	30.4	800	3
SM6/500B/6	6" NEMA	146	990	*	48	57.8	33.5	800	3
SM6/500B/7	6" NEMA	146	1092	*	54	64.7	36.6	800	3
SM6/500B/8	6" NEMA	146	1193	*	59	70.6	39.6	800	3
SM6/500B/9	6" NEMA	146	1295	*	64.8	77.2	42.7	800	3



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

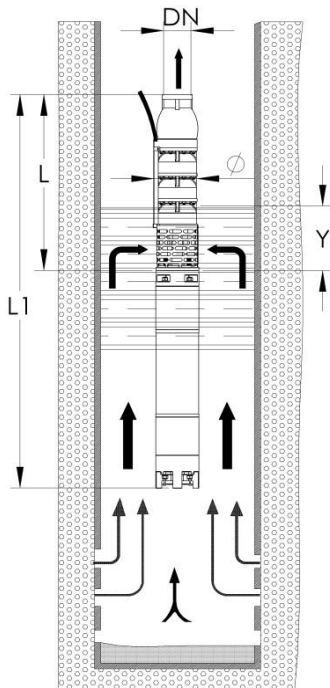
Performance at 2900 RPM 50Hz

SM6/500C

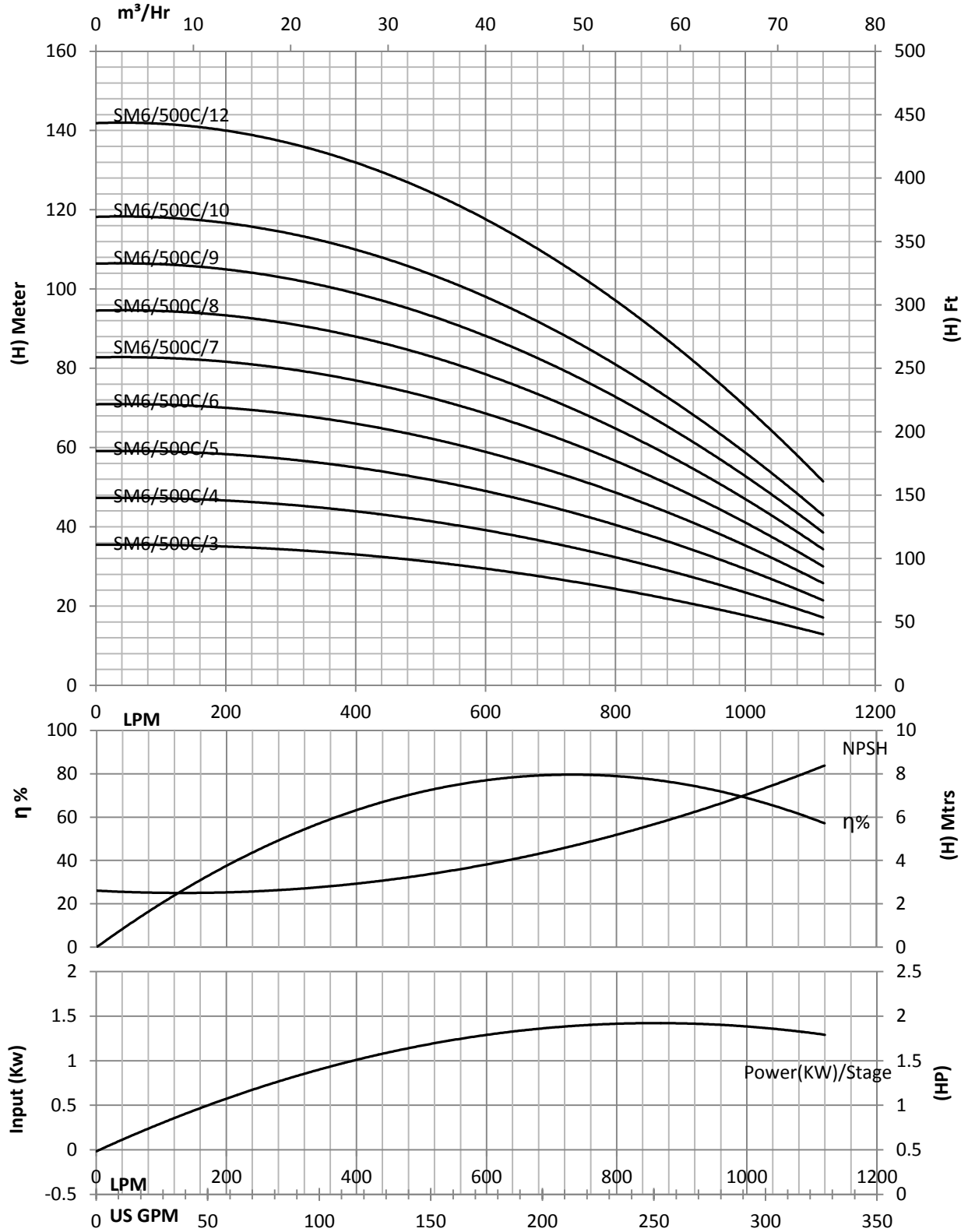
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	121.5	200.7	221.9	244.3	260.2	276	295.8
				m ³ /Hr	0	27.6	45.6	50.4	55.5	59.1	62.7	67.2
		HP	kW	lpm	0	460	760	840	925	985	1045	1120
SM6/500C/3	3	6	3	H e a d m t r s	36	30	26.5	24	21	19	15	12
SM6/500C/4	4	7.5	4.5		48	40	35	32	28	25	20	16
SM6/500C/5	5	10	5.5		60	50	44	40	35	31.5	25	20
SM6/500C/6	6	12.5	7.5		72	60	53	48	42	38	30	24
SM6/500C/7	7	15	9.3		84	70	61.5	56	49	44	35	28
SM6/500C/8	8	17.5	11		96	80	70.5	64	56	50.5	40	32
SM6/500C/9	9	20	11		108	90	79	72	63	56.5	45	36
SM6/500C/10	10	25	13		120	100	88	80	70	63	50	40
SM6/500C/12	12	30	15		144	120	105.5	96	84	75.5	60	48

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SM6/500C/3	6" NEMA	146	685	*	31	38.2	24.3	800	3
SM6/500C/4	6" NEMA	146	787	*	37	45.1	27.4	800	3
SM6/500C/5	6" NEMA	146	888	*	42	50.9	30.4	800	3
SM6/500C/6	6" NEMA	146	990	*	48	57.8	33.5	800	3
SM6/500C/7	6" NEMA	146	1092	*	54	64.7	36.6	800	3
SM6/500C/8	6" NEMA	146	1193	*	59	70.6	39.6	800	3
SM6/500C/9	6" NEMA	146	1295	*	65	77.4	42.7	800	3
SM6/500C/10	6" NEMA	146	1396	*	70.4	83.7	45.8	800	3
SM6/500C/12	6" NEMA	146	1600	*	81.6	96.7	51.9	800	3



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

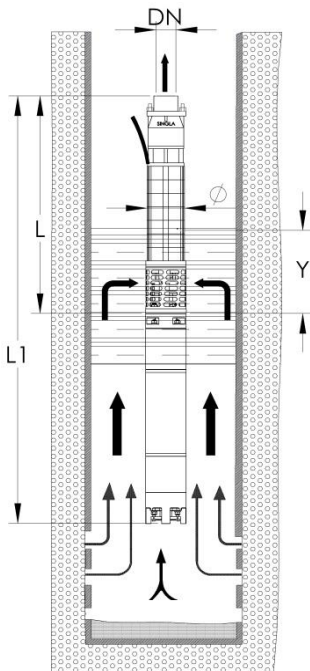
Performance at 2900 RPM 50Hz

SR6/50

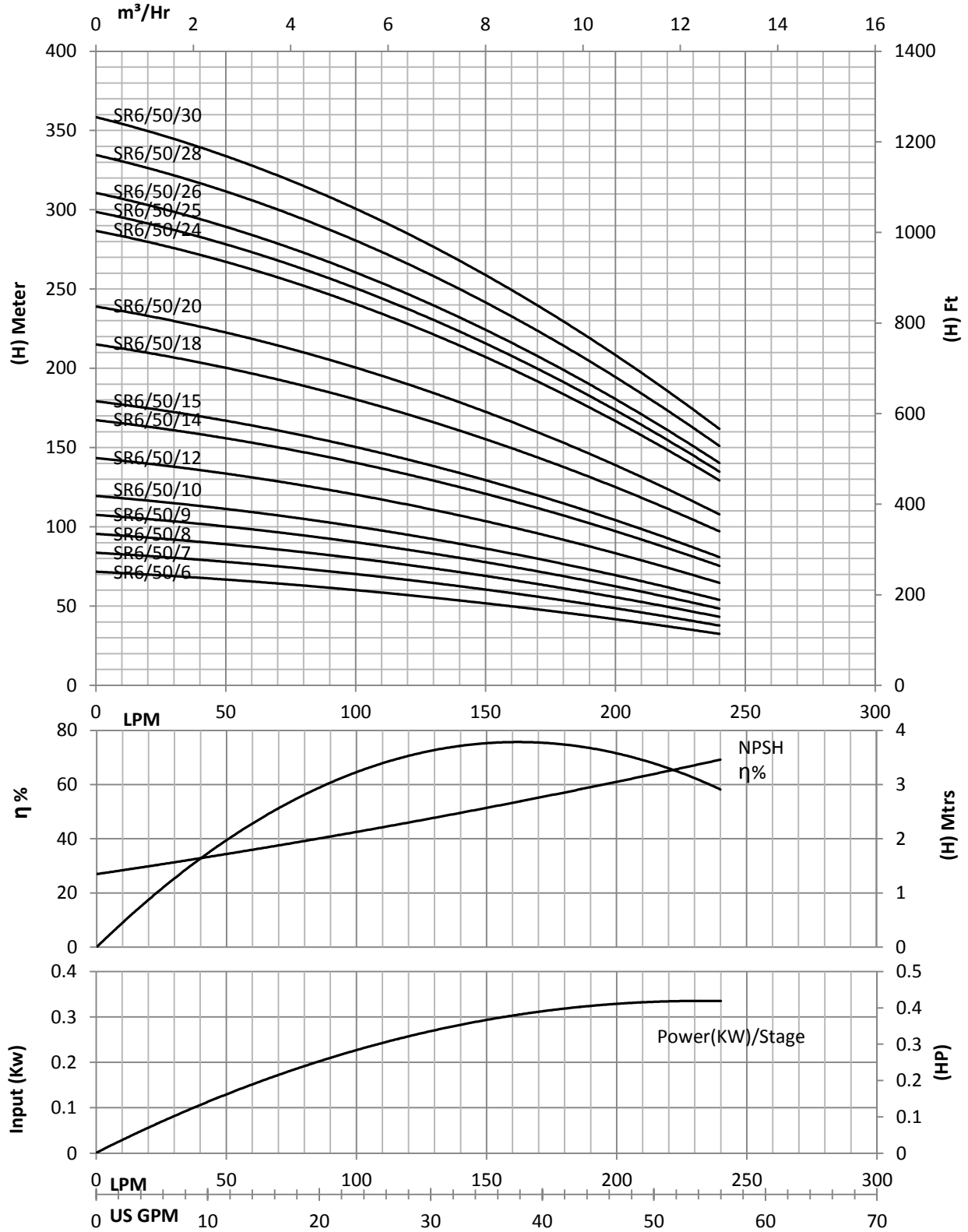
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	23.8	35.7	39.6	44.9	51.5	55.5	63.4
				m ³ /Hr	0	5.4	8.1	9	10.2	11.7	12.6	14.4
		HP	kW	lpm	0	90	135	150	170	195	210	240
SR6/50/6	6	3	2.2	H e a d m t r s	72	60	55	52	50	42	38	33
SR6/50/7	7	4	3		84	70	64.5	61	58	49	44	38.5
SR6/50/8	8	4	3		96	80	73.5	69.5	66.5	56	50.5	44
SR6/50/9	9	4	3		108	90	83	78.5	74.5	63	56.5	49.5
SR6/50/10	10	5	3.7		120	100	92	87	83	70	63	55
SR6/50/12	12	6	4.5		144	120	110.5	104.5	99.5	84	75.5	66
SR6/50/14	14	7.5	5.5		168	140	129	122	116	98	88	77
SR6/50/15	15	7.5	5.5		180	150	138	130.5	124.5	105	94.5	82.5
SR6/50/18	18	10	7.5		216	180	165.5	156.5	149.5	126	113.5	99
SR6/50/20	20	10	7.5		240	200	184	174	166	140	126	110
SR6/50/24	24	12.5	9.3		288	240	221	209	199	168	151	132
SR6/50/25	25	12.5	9.3		300	250	230	217.5	207.5	175	157.5	137.5
SR6/50/26	26	15	11		312	260	239	226	216	182	164	143
SR6/50/28	28	15	11		336	280	257.5	243.5	232.5	196	176.5	154
SR6/50/30	30	15	11		360	300	276	261	249	210	189	165

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/50/6	6" NEMA	146	704	*	35	42.4	24.9	800	2
SR6/50/7	6" NEMA	146	754	*	38	45.8	26.4	800	2
SR6/50/8	6" NEMA	146	805	*	41	49.2	27.9	800	2
SR6/50/9	6" NEMA	146	856	*	44	52.7	29.5	800	2
SR6/50/10	6" NEMA	146	958	*	50	59.5	32.5	800	2
SR6/50/12	6" NEMA	146	1059	*	56	66.4	35.6	800	2
SR6/50/14	6" NEMA	146	1161	*	62	73.3	38.7	800	2
SR6/50/15	6" NEMA	146	1212	*	65	76.7	40.2	800	2
SR6/50/18	6" NEMA	146	1415	*	77	90.5	46.3	800	2
SR6/50/20	6" NEMA	146	1516	*	83	97.3	49.4	800	2
SR6/50/24	6" NEMA	146	1720	*	95	111.1	55.5	800	2
SR6/50/25	6" NEMA	146	1770	*	98	114.5	57	800	2
SR6/50/26	6" NEMA	146	1821	*	101	118	58.6	800	2
SR6/50/28	6" NEMA	146	1974	*	110	128.3	63.2	800	2
SR6/50/30	6" NEMA	146	2075	*	116	135.1	66.2	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

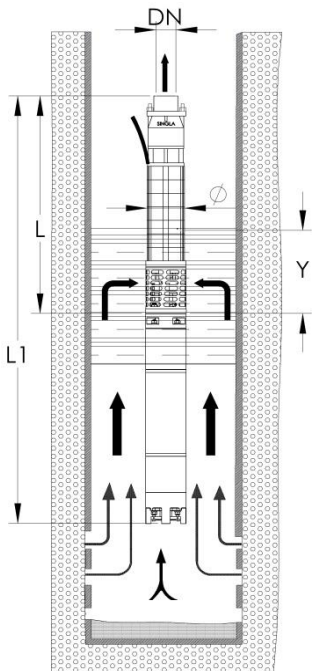
Performance at 2900 RPM 50Hz

SR6/60

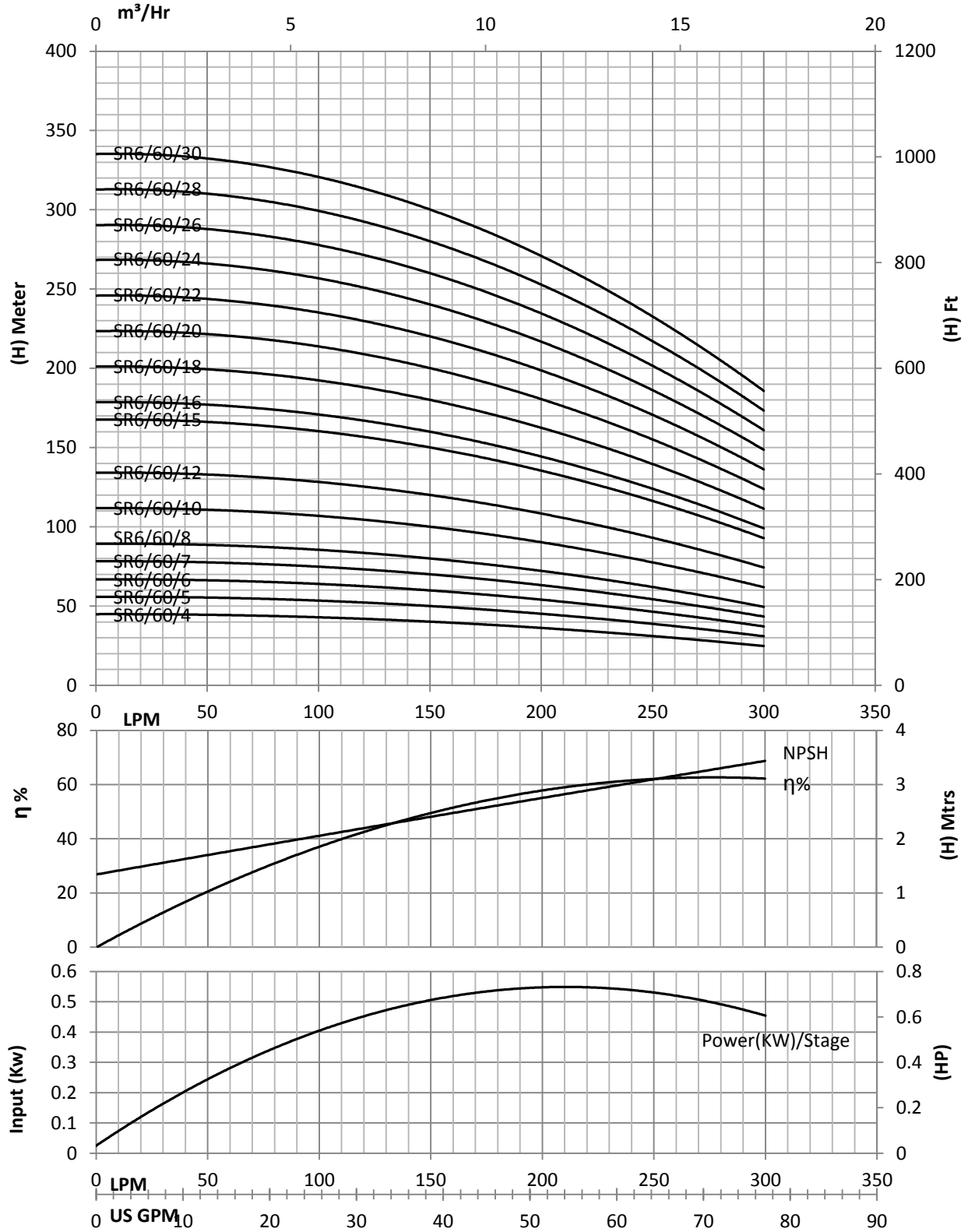
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	29.1	35.7	42.3	52.8	63.4	70	79.2
				m ³ /Hr	0	6.6	8.1	9.6	12	14.4	15.9	18
		HP	kW	lpm	0	110	135	160	200	240	265	300
SR6/60/4	4	3	2.2	H e a d m t r s	45	42.5	41	39	36	33	30	24
SR6/60/5	5	3	2.2		56	53	51	48.5	45	41	37.5	30
SR6/60/6	6	4	3		67	63.5	61	58	54	49	45	36
SR6/60/7	7	4	3		78.5	74	71.5	68	63	57.5	52.5	42
SR6/60/8	8	5	3.7		89.5	85	81.5	77.5	72	65.5	60	48
SR6/60/10	10	6	4.5		112	106	102	97	90	82	75	60
SR6/60/12	12	7.5	5.5		134.5	127	122.5	116.5	108	98.5	90	72
SR6/60/15	15	10	7.5		168	159	153	145.5	135	123	112.5	90
SR6/60/16	16	10	7.5		179	169.5	163	155	144	131	120	96
SR6/60/18	18	12.5	9.3		201.5	191	183.5	174.5	162	147.5	135	108
SR6/60/20	20	12.5	9.3		224	212	204	194	180	164	150	120
SR6/60/22	22	15	11		246.5	233	224.5	213.5	198	180.5	165	132
SR6/60/24	24	15	11		269	254.5	245	233	216	197	180	144
SR6/60/26	26	17.5	13		291	275.5	265	252	234	213	195	156
SR6/60/28	28	17.5	13		313.5	297	285.5	271.5	252	229.5	210	168
SR6/60/30	30	20	15		336	318	306	291	270	246	225	180

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/60/4	6" NEMA	146	602	*	29	35.5	21.8	800	2
SR6/60/5	6" NEMA	146	653	*	32	38.9	23.4	800	2
SR6/60/6	6" NEMA	146	704	*	35	42.4	24.9	800	2
SR6/60/7	6" NEMA	146	754	*	38	45.8	26.4	800	2
SR6/60/8	6" NEMA	146	805	*	41	49.2	27.9	800	2
SR6/60/10	6" NEMA	146	958	*	50	59.5	32.5	800	2
SR6/60/12	6" NEMA	146	1059	*	56	66.4	35.6	800	2
SR6/60/15	6" NEMA	146	1212	*	65	76.7	40.2	800	2
SR6/60/16	6" NEMA	146	1262	*	68	80.2	41.7	800	2
SR6/60/18	6" NEMA	146	1415	*	77	90.5	46.3	800	2
SR6/60/20	6" NEMA	146	1516	*	83	97.3	49.4	800	2
SR6/60/22	6" NEMA	146	1618	*	89	104.2	52.4	800	2
SR6/60/24	6" NEMA	146	1720	*	95	111.1	55.5	800	2
SR6/60/26	6" NEMA	146	1821	*	101	118	58.6	800	2
SR6/60/28	6" NEMA	146	1974	*	110	128.3	63.2	800	2
SR6/60/30	6" NEMA	146	2075	*	116	135.1	66.2	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

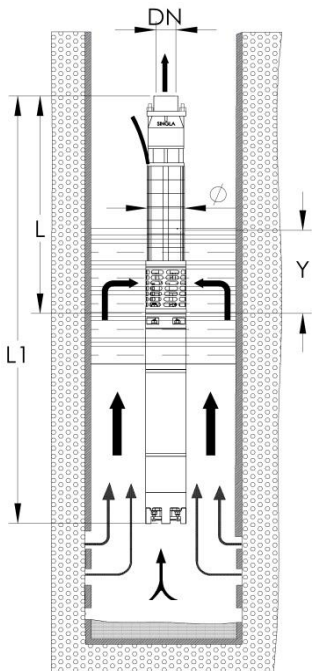
Performance at 2900 RPM 50Hz

SR6/70

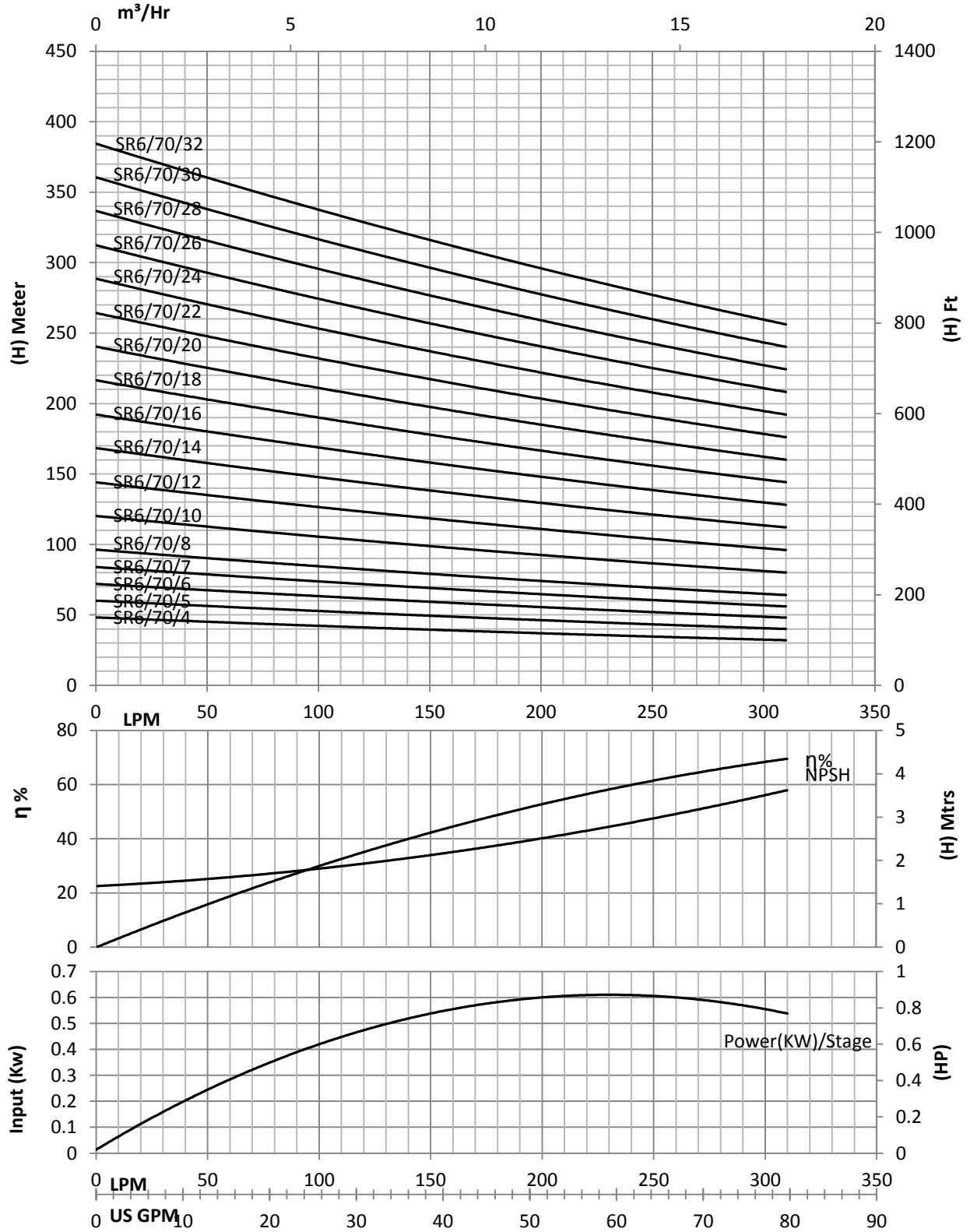
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	37	50.2	63.4	67.3	71.3	75.3	81.9
				m ³ /Hr	0	8.4	11.4	14.4	15.3	16.2	17.1	18.6
		HP	kW	lpm	0	140	190	240	255	270	285	310
SR6/70/4	4	3	2.2	H e a d m t r s	48.5	39	37	36.5	35	34	33	31
SR6/70/5	5	4	3		60.5	48.5	46.5	45.5	44	42.5	41.5	38.5
SR6/70/6	6	4	3		72.5	58	56	54.5	53	51	50	46
SR6/70/7	7	5	3.7		84.5	68	65	63.5	61.5	59.5	58	54
SR6/70/8	8	6	4.5		97	77.5	74.5	73	70.5	68	66.5	61.5
SR6/70/10	10	7.5	5.5		121	97	93	91	88	85	83	77
SR6/70/12	12	10	7.5		145	116.5	111.5	109	105.5	102	99.5	92.5
SR6/70/14	14	10	7.5		169.5	136	130	127.5	123	119	116	108
SR6/70/16	16	12.5	9.3		193.5	155	149	145.5	141	136	133	123
SR6/70/18	18	12.5	9.3		218	174.5	167.5	164	158.5	153	149.5	138.5
SR6/70/20	20	15	11		242	194	186	182	176	170	166	154
SR6/70/22	22	17.5	13		266	213.5	204.5	200	193.5	187	182.5	169.5
SR6/70/24	24	17.5	13		290.5	233	223	218.5	211	204	199	185
SR6/70/26	26	20	15		314.5	252	242	236.5	229	221	216	200
SR6/70/28	28	20	15		339	271.5	260.5	255	246.5	238	232.5	215.5
SR6/70/30	30	25	18.5		363	291	279	273	264	255	249	231
SR6/70/32	32	25	18.5		387	310.5	297.5	291	281.5	272	265.5	246.5

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/70/4	6" NEMA	146	602	*	29	35.5	21.8	800	2
SR6/70/5	6" NEMA	146	653	*	32	38.9	23.4	800	2
SR6/70/6	6" NEMA	146	704	*	35	42.4	24.9	800	2
SR6/70/7	6" NEMA	146	754	*	38	45.8	26.4	800	2
SR6/70/8	6" NEMA	146	805	*	41	49.2	27.9	800	2
SR6/70/10	6" NEMA	146	958	*	50	59.5	32.5	800	2
SR6/70/12	6" NEMA	146	1059	*	56	66.4	35.6	800	2
SR6/70/14	6" NEMA	146	1161	*	62	73.3	38.7	800	2
SR6/70/16	6" NEMA	146	1262	*	68	80.2	41.7	800	2
SR6/70/18	6" NEMA	146	1415	*	77	90.5	46.3	800	2
SR6/70/20	6" NEMA	146	1516	*	83	97.3	49.4	800	2
SR6/70/22	6" NEMA	146	1618	*	89	104.2	52.4	800	2
SR6/70/24	6" NEMA	146	1720	*	95	111.1	55.5	800	2
SR6/70/26	6" NEMA	146	1821	*	101	118	58.6	800	2
SR6/70/28	6" NEMA	146	1974	*	110	128.3	63.2	800	2
SR6/70/30	6" NEMA	146	2075	*	116	135.1	66.2	800	2
SR6/70/32	6" NEMA	146	2177	*	122	142	69.3	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

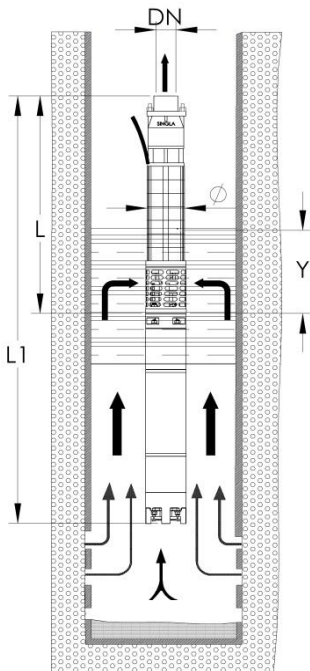
Performance at 2900 RPM 50Hz

SR6/80

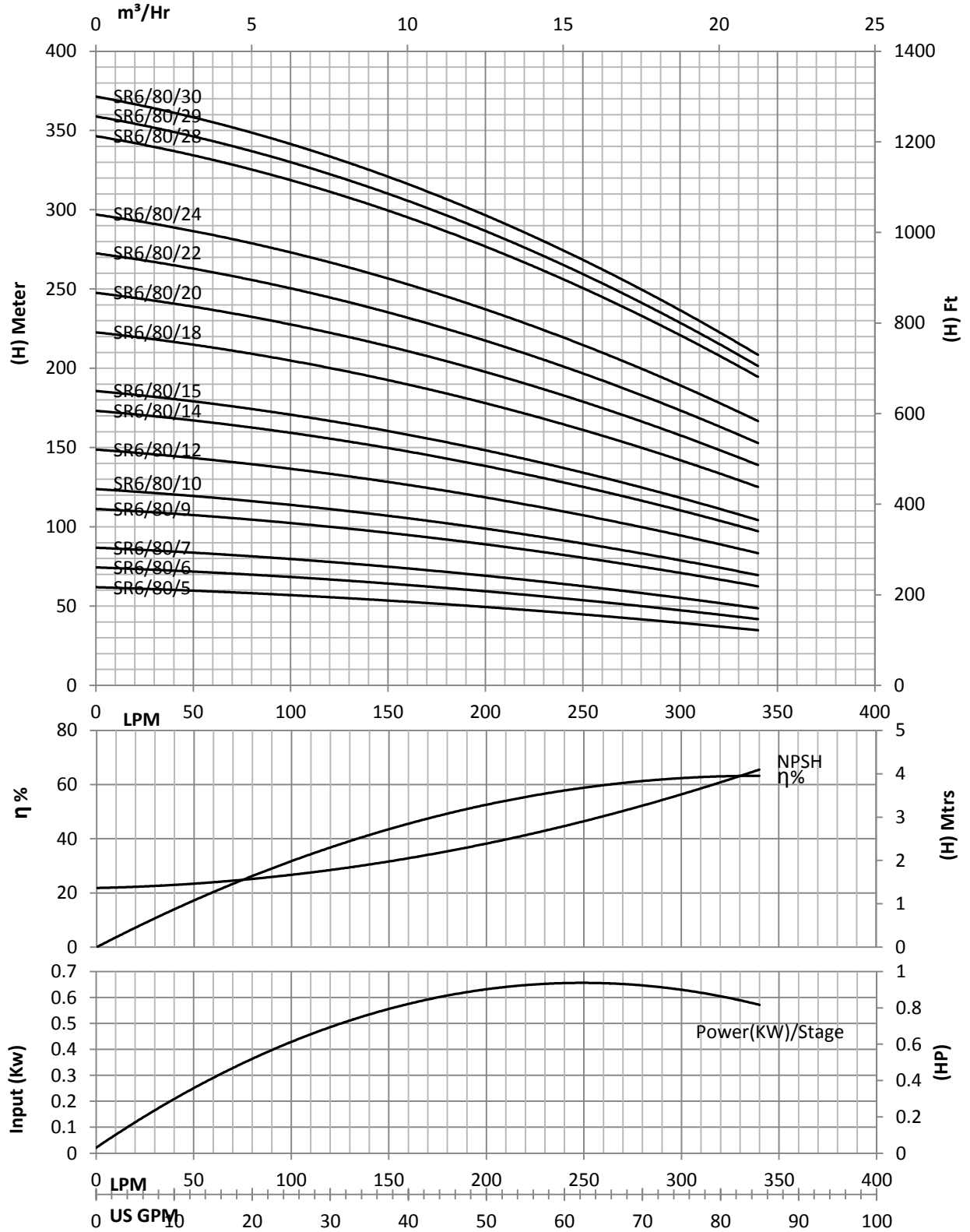
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	37	55.5	68.7	72.6	76.6	84.5	89.8
				m ³ /Hr	0	8.4	12.6	15.6	16.5	17.4	19.2	20.4
		HP	kW	lpm	0	140	210	260	275	290	320	340
SR6/80/5	5	4	3.7	H e a d m t r s	62	54	48	45	42	40	38	34
SR6/80/6	6	5	5.5		74.5	65	57.5	54	50.5	48	45.5	41
SR6/80/7	7	6	7.5		87	75.5	67	63	59	56	53	47.5
SR6/80/9	9	7.5	9.3		111.5	97	86.5	81	75.5	72	68.5	61
SR6/80/10	10	7.5	11		124	108	96	90	84	80	76	68
SR6/80/12	12	10	13		149	129.5	115	108	101	96	91	81.5
SR6/80/14	14	12.5	15		173.5	151	134.5	126	117.5	112	106.5	95
SR6/80/15	15	12.5	18.5		186	162	144	135	126	120	114	102
SR6/80/18	18	15	30		223	194.5	173	162	151	144	137	122.5
SR6/80/20	20	17.5	41		248	216	192	180	168	160	152	136
SR6/80/22	22	20	45		273	237.5	211	198	185	176	167	149.5
SR6/80/24	24	20	9.3		297.5	259	230.5	216	201.5	192	182.5	163
SR6/80/28	28	25	9.3		347	302.5	269	252	235	224	213	190.5
SR6/80/29	29	25	11		359.5	313	278.5	261	243.5	232	220.5	197
SR6/80/30	30	25	11		372	324	288	270	252	240	228	204

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/80/5	6" NEMA	146	653	*	32	38.9	23.4	800	2
SR6/80/6	6" NEMA	146	704	*	35	42.4	24.9	800	2
SR6/80/7	6" NEMA	146	754	*	38	45.8	26.4	800	2
SR6/80/9	6" NEMA	146	856	*	44	52.7	29.5	800	2
SR6/80/10	6" NEMA	146	958	*	50	59.5	32.5	800	2
SR6/80/12	6" NEMA	146	1059	*	56	66.4	35.6	800	2
SR6/80/14	6" NEMA	146	1161	*	62	73.3	38.7	800	2
SR6/80/15	6" NEMA	146	1212	*	65	76.7	40.2	800	2
SR6/80/18	6" NEMA	146	1415	*	77	90.5	46.3	800	2
SR6/80/20	6" NEMA	146	1516	*	83	97.3	49.4	800	2
SR6/80/22	6" NEMA	146	1618	*	89	104.2	52.4	800	2
SR6/80/24	6" NEMA	146	1720	*	95	111.1	55.5	800	2
SR6/80/28	6" NEMA	146	1974	*	110	128.3	63.2	800	2
SR6/80/29	6" NEMA	146	2024	*	113	131.7	64.7	800	2
SR6/80/30	6" NEMA	146	2075	*	116	135.1	66.2	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

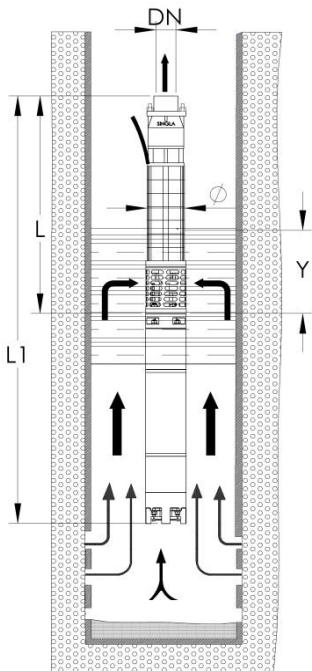
Performance at 2900 RPM 50Hz

SR6/100

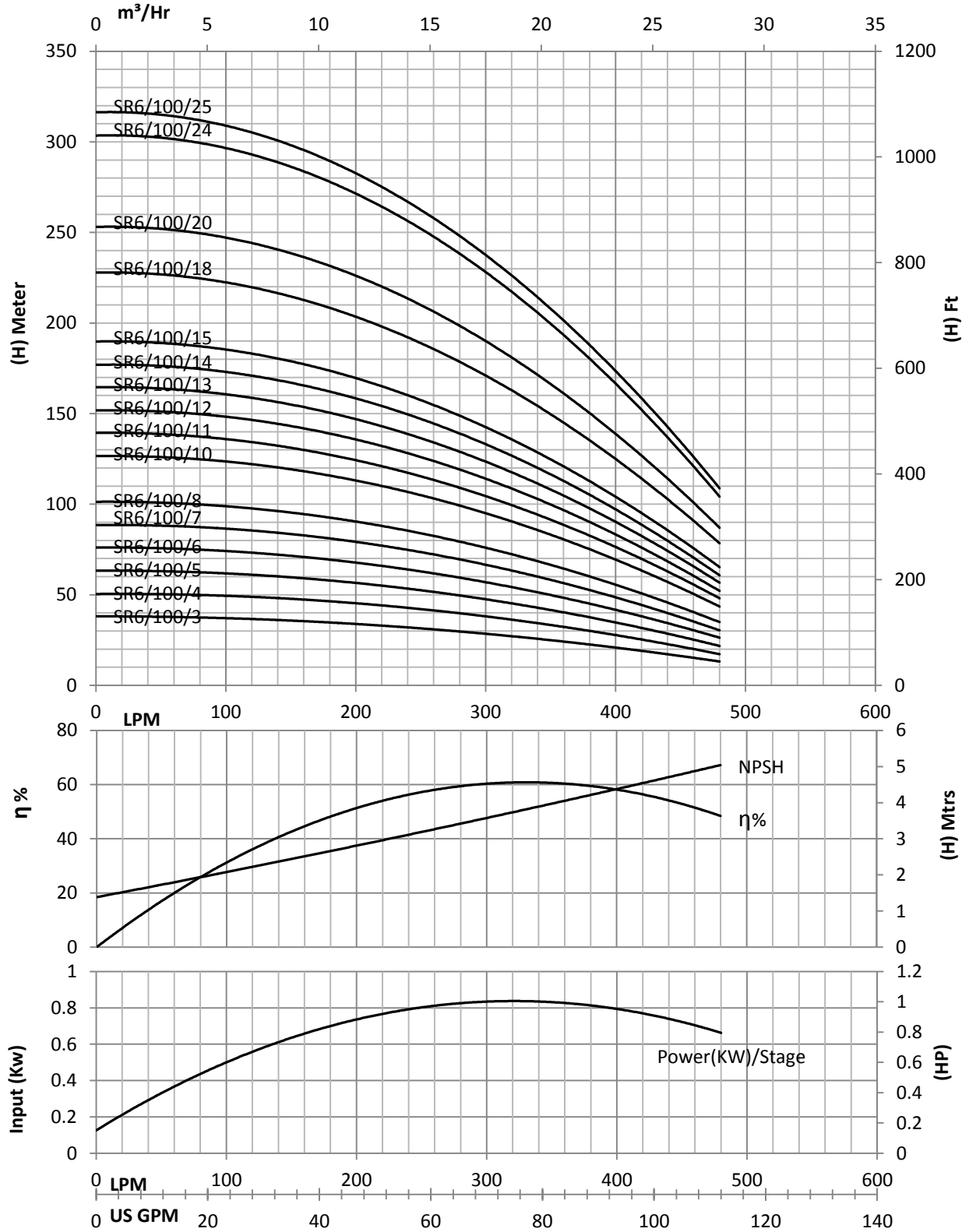
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	29.1	42.3	55.5	63.4	79.2	95.1	126.8
				m ³ /Hr	0	6.6	9.6	12.6	14.4	18	21.6	28.8
		HP	kW	lpm	0	110	160	210	240	300	360	480
SR6/100/3	3	3	2.2	H e a d m t r s	38.5	36	35	34	32	29	24	13
SR6/100/4	4	4	3		51	48	47	45	43	39	32	17
SR6/100/5	5	5	3.7		64	60	58.5	56.5	53.5	48.5	40	21.5
SR6/100/6	6	6	4.5		77	72	70	68	64	58	48	26
SR6/100/7	7	7.5	5.5		89.5	84	82	79	75	68	56	30
SR6/100/8	8	7.5	5.5		102.5	96	93.5	90.5	85.5	77.5	64	34.5
SR6/100/10	10	10	7.5		128	120	117	113	107	97	80	43
SR6/100/11	11	10	7.5		141	132	128.5	124.5	117.5	106.5	88	47.5
SR6/100/12	12	12.5	9.3		153.5	144	140.5	135.5	128.5	116.5	96	51.5
SR6/100/13	13	12.5	9.3		166.5	156	152	147	139	126	104	56
SR6/100/14	14	15	11		179	168	164	158	150	136	112	60
SR6/100/15	15	15	11		192	180	175.5	169.5	160.5	145.5	120	64.5
SR6/100/18	18	17.5	13		230.5	216	210.5	203.5	192.5	174.5	144	77.5
SR6/100/20	20	20	15		256	240	234	226	214	194	160	86
SR6/100/24	24	25	18.5		307	288	281	271	257	233	192	103
SR6/100/25	25	25	18.5		320	300	292.5	282.5	267.5	242.5	200	107.5

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/100/3	6" NEMA	146	563	*	26	32.2	20.6	800	2
SR6/100/4	6" NEMA	146	608	*	29	35.5	22	800	2
SR6/100/5	6" NEMA	146	652	*	32	38.9	23.3	800	2
SR6/100/6	6" NEMA	146	697	*	35	42.3	24.7	800	2
SR6/100/7	6" NEMA	146	741	*	38	45.7	26	800	2
SR6/100/8	6" NEMA	146	786	*	41	49.1	27.4	800	2
SR6/100/10	6" NEMA	146	919	*	50	59.2	31.4	800	2
SR6/100/11	6" NEMA	146	963	*	53	62.6	32.7	800	2
SR6/100/12	6" NEMA	146	1008	*	56	66	34.1	800	2
SR6/100/13	6" NEMA	146	1052	*	59	69.4	35.4	800	2
SR6/100/14	6" NEMA	146	1097	*	62	72.7	36.7	800	2
SR6/100/15	6" NEMA	146	1141	*	65	76.1	38.1	800	2
SR6/100/18	6" NEMA	146	1319	*	77	89.6	43.4	800	2
SR6/100/20	6" NEMA	146	1408	*	83	96.4	46.1	800	2
SR6/100/24	6" NEMA	146	1586	*	95	109.9	51.5	800	2
SR6/100/25	6" NEMA	146	1630	*	98	113.3	52.8	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

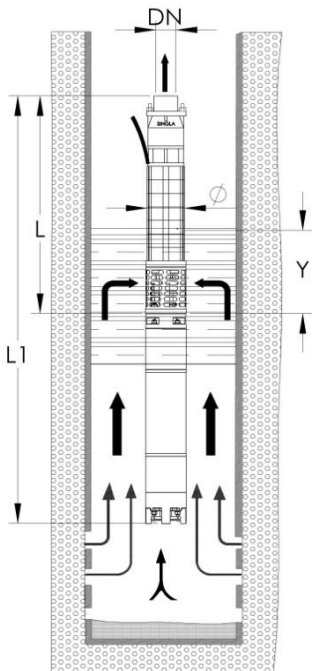
Performance at 2900 RPM 50Hz

SR6/120

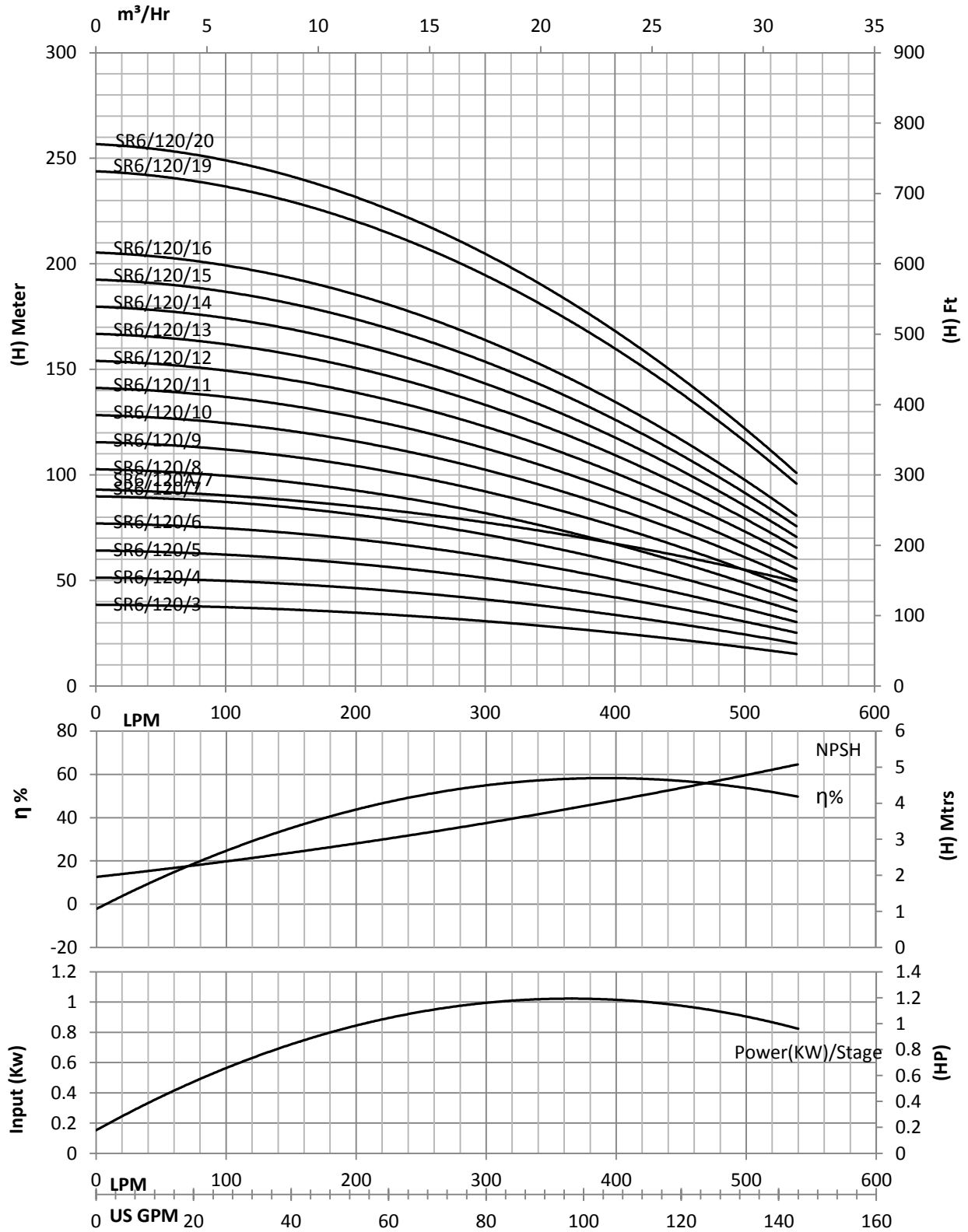
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	31.7	75.3	95.1	113.6	121.5	132.1	142.6
				m ³ /Hr	0	7.2	17.1	21.6	25.8	27.6	30	32.4
		HP	kW	lpm	0	120	285	360	430	460	500	540
SR6/120/3	3	4	3	H e a d m t r s	39	36	31.5	28	24	21	18	15
SR6/120/4	4	5	3.7		52	48	42	37.5	32	28	24	20
SR6/120/5	5	6	4.5		65	60	52.5	46.5	40	35	30	25
SR6/120/6	6	7.5	5.5		78	72	63	56	48	42	36	30
SR6/120/7	7	7.5	5.5		91	84	73.5	65.5	56	49	42	35
SR6/120A/7	7	10	7.5		98	81	77	74	70	65	53	44
SR6/120/8	8	10	7.5		104	96	84	74.5	64	56	48	40
SR6/120/9	9	10	7.5		117	108	94.5	84	72	63	54	45
SR6/120/10	10	12.5	9.3		130	120	105	93.5	80	70	60	50
SR6/120/11	11	12.5	9.3		143	132	115.5	102.5	88	77	66	55
SR6/120/12	12	15	11		156	144	126	112	96	84	72	60
SR6/120/13	13	15	11		169	156	136.5	121.5	104	91	78	65
SR6/120/14	14	17.5	13		182	168	147	130.5	112	98	84	70
SR6/120/15	15	20	15		195	180	157.5	140	120	105	90	75
SR6/120/16	16	20	15		208	192	168	149.5	128	112	96	80
SR6/120/19	19	25	18.5		247	228	199.5	177.5	152	133	114	95
SR6/120/20	20	25	18.5		260	240	210	186.5	160	140	120	100

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/120/3	6" NEMA	146	601	*	26	32.5	21.8	800	2
SR6/120/4	6" NEMA	146	664	*	29	36	23.7	800	2
SR6/120/5	6" NEMA	146	728	*	32	39.6	25.6	800	2
SR6/120/6	6" NEMA	146	791	*	35	43.1	27.5	800	2
SR6/120/7	6" NEMA	146	854	*	38	46.7	29.4	800	2
SR6/120A/7	6" NEMA	146	854	*	38	46.7	29.4	800	2
SR6/120/8	6" NEMA	146	917	*	41	50.2	31.3	800	2
SR6/120/9	6" NEMA	146	981	*	44	53.7	33.2	800	2
SR6/120/10	6" NEMA	146	1107	*	50	60.8	37	800	2
SR6/120/11	6" NEMA	146	1170	*	53	64.4	38.9	800	2
SR6/120/12	6" NEMA	146	1234	*	56	67.9	40.9	800	2
SR6/120/13	6" NEMA	146	1297	*	59	71.5	42.8	800	2
SR6/120/14	6" NEMA	146	1360	*	62	75	44.7	800	2
SR6/120/15	6" NEMA	146	1423	*	65	78.5	46.6	800	2
SR6/120/16	6" NEMA	146	1487	*	68	82.1	48.5	800	2
SR6/120/19	6" NEMA	146	1740	*	80	96.3	56.1	800	2
SR6/120/20	6" NEMA	146	1803	*	83	99.8	58	800	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

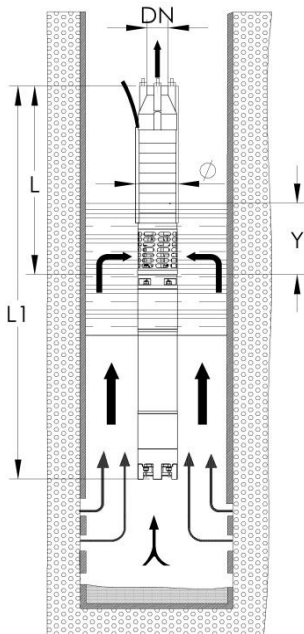
Performance at 2900 RPM 50Hz

SR6/60H

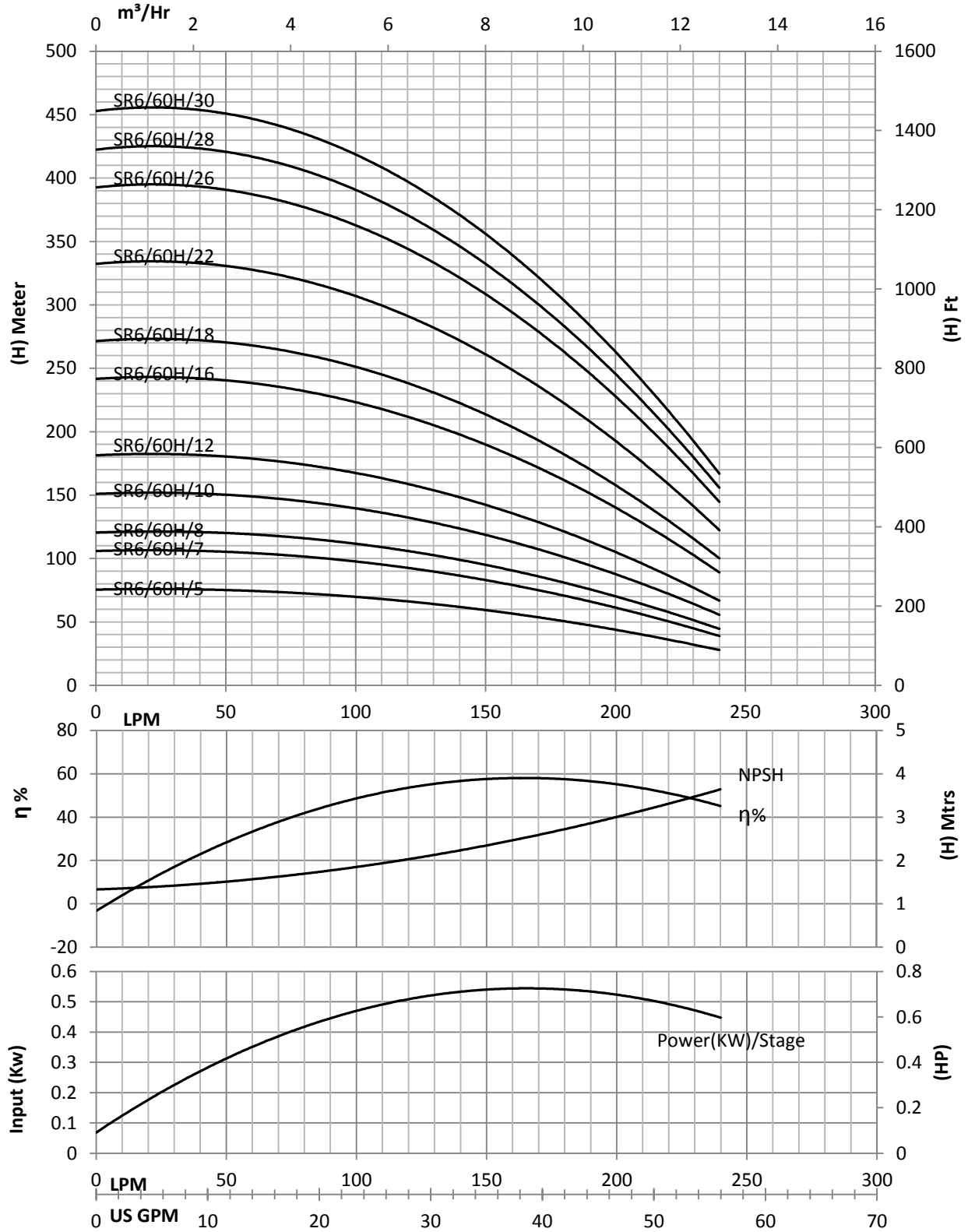
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	15.8	31.7	34.9	39.6	47.5	53.9	63.4
				m ³ /Hr	0	3.6	7.2	7.92	9	10.8	12.24	14.4
		HP	kW	lpm	0	60	120	132	150	180	204	240
SR6/60H/5	5	3	2.2	H e a d m t r s	77	72	65	63	60	53	45	25
SR6/60H/7	7	4	3		108	101	91	88	84	74	63	35
SR6/60H/8	8	5	3.7		123	115	104	101	96	85	72	40
SR6/60H/10	10	6	4.5		154	144	130	126	120	106	90	50
SR6/60H/12	12	7.5	5.5		185	173	156	151	144	127	108	60
SR6/60H/16	16	10	7.5		246.5	230.5	208	201.5	192	169.5	144	80
SR6/60H/18	18	12.5	9.3		277	259	234	227	216	191	162	90
SR6/60H/22	22	15	11		339	317	286	277	264	233	198	110
SR6/60H/26	26	17.5	13		400.5	374.5	338	327.5	312	275.5	234	130
SR6/60H/28	28	20	15		431	403	364	353	336	297	252	140
SR6/60H/30	30	20	15		462	432	390	378	360	318	270	150

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/60H/5	6" NEMA	146	546	*	28	34	20.1	900	2
SR6/60H/7	6" NEMA	146	610	*	31	37.6	22.1	900	2
SR6/60H/8	6" NEMA	146	641	*	33	39.8	23	900	2
SR6/60H/10	6" NEMA	146	743	*	38	45.7	26.1	900	2
SR6/60H/12	6" NEMA	146	806	*	41	49.2	28	900	2
SR6/60H/16	6" NEMA	146	933	*	47	56.3	31.8	900	2
SR6/60H/18	6" NEMA	146	1035	*	52	62.2	34.9	900	2
SR6/60H/22	6" NEMA	146	1162	*	58	69.3	38.7	900	2
SR6/60H/26	6" NEMA	146	1289	*	64.6	77	42.5	900	2
SR6/60H/28	6" NEMA	146	1391	*	70	83.3	45.6	900	2
SR6/60H/30	6" NEMA	146	1454	*	73	86.8	47.5	900	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

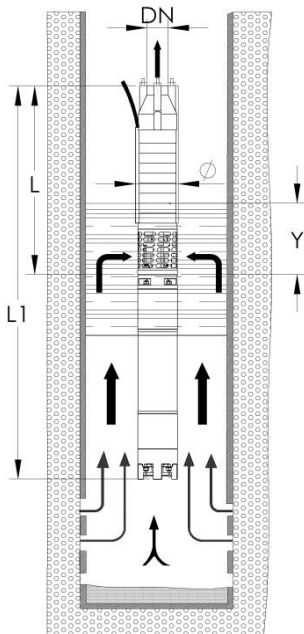
Performance at 2900 RPM 50Hz

SR6/80H

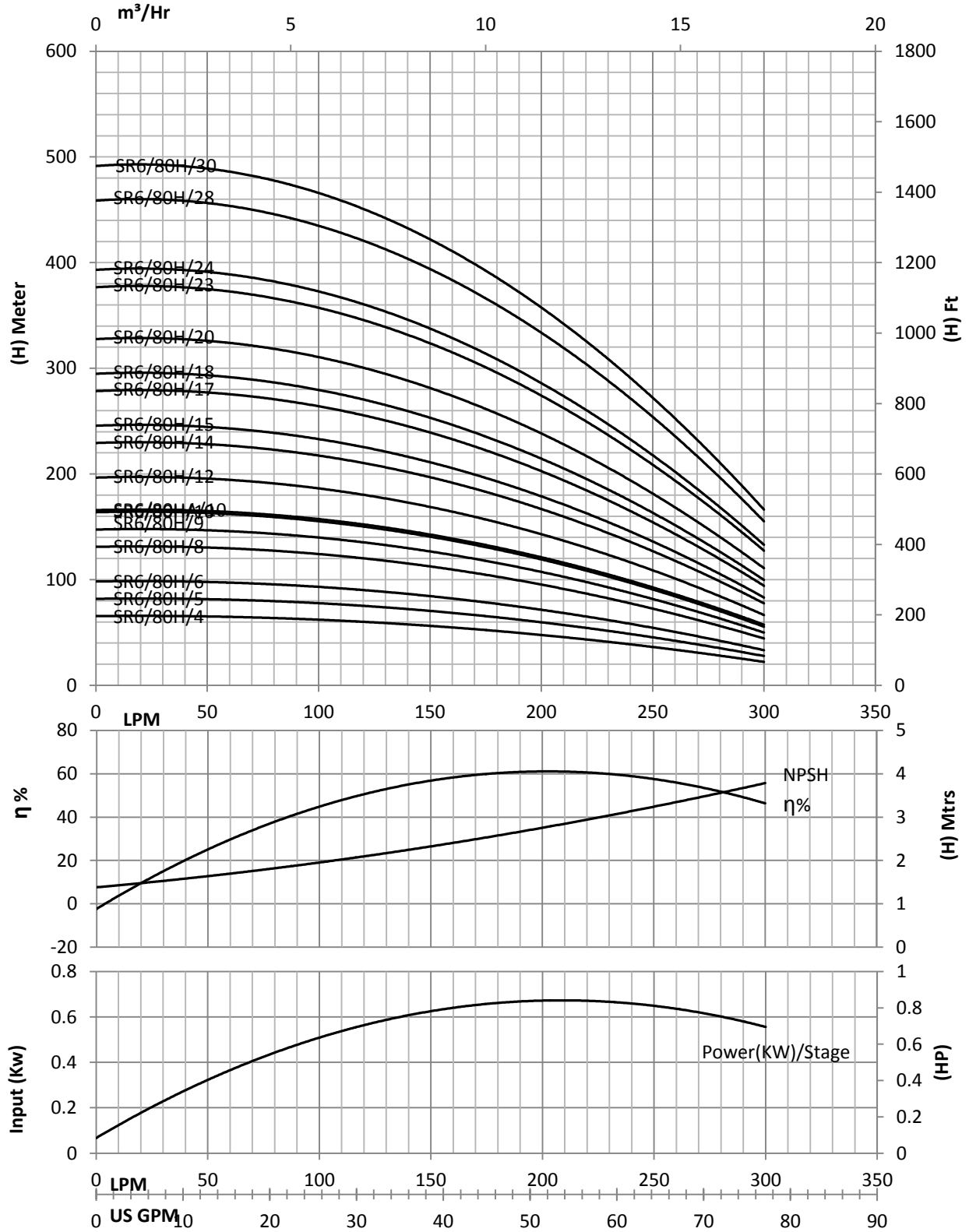
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	22.2	36.4	41.2	46	53.9	61.8	79.2
				m³/Hr	0	5.04	8.28	9.36	10.44	12.24	14.04	18
		HP	kW	lpm	0	84	138	156	174	204	234	300
SR6/80H/4	4	3	2.2	H e a d m t r s	66	62	58	56	53	47	40	22
SR6/80H/5	5	4	3		82.5	77.5	72.5	70	66.5	59	50	27.5
SR6/80H/6	6	5	3.7		99	93	87	84	79.5	70.5	60	33
SR6/80H/8	8	6	4.5		132	124	116	112	106	94	80	44
SR6/80H/9	9	7.5	5.5		148.5	139.5	130.5	126	119.5	106	90	49.5
SR6/80H/10	10	7.5	5.5		165	155	145	140	132.5	117.5	100	55
SR6/80HA/10	10	10	7.5		167	157	147	142	134.5	119.5	102	57
SR6/80H/12	12	10	7.5		198	186	174	168	159	141	120	66
SR6/80H/14	14	12.5	9.3		231	217	203	196	185.5	164.5	140	77
SR6/80H/15	15	12.5	9.3		247.5	232.5	217.5	210	199	176.5	150	82.5
SR6/80H/17	17	15	11		280.5	263.5	246.5	238	225.5	200	170	93.5
SR6/80H/18	18	15	11		297	279	261	252	238.5	211.5	180	99
SR6/80H/20	20	17.5	13		330	310	290	280	265	235	200	110
SR6/80H/23	23	20	15		379.5	356.5	333.5	322	305	270.5	230	126.5
SR6/80H/24	24	20	15		396	372	348	336	318	282	240	132
SR6/80H/28	28	25	18.5		462	434	406	392	371	329	280	154
SR6/80H/30	30	25	18.5		495	465	435	420	397.5	352.5	300	165

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/80H/4	6" NEMA	146	514	*	27	32.7	19.2	900	2
SR6/80H/5	6" NEMA	146	546	*	28	34	20.1	900	2
SR6/80H/6	6" NEMA	146	578	*	30	36.3	21.1	900	2
SR6/80H/8	6" NEMA	146	641	*	33	39.8	23	900	2
SR6/80H/9	6" NEMA	146	673	*	34.2	41.3	24	900	2
SR6/80H/10	6" NEMA	146	743	*	38	45.7	26.1	900	2
SR6/80HA/10	6" NEMA	146	743	*	38	45.7	26.1	900	2
SR6/80H/12	6" NEMA	146	806	*	41	49.2	28	900	2
SR6/80H/14	6" NEMA	146	870	*	44	52.8	29.9	900	2
SR6/80H/15	6" NEMA	146	902	*	46	55.1	30.9	900	2
SR6/80H/17	6" NEMA	146	965	*	48.6	58.2	32.8	900	2
SR6/80H/18	6" NEMA	146	1035	*	52	62.2	34.9	900	2
SR6/80H/20	6" NEMA	146	1099	*	55.4	66.2	36.8	900	2
SR6/80H/23	6" NEMA	146	1194	*	60	71.6	39.7	900	2
SR6/80H/24	6" NEMA	146	1226	*	62	73.8	40.6	900	2
SR6/80H/28	6" NEMA	146	1391	*	69.9	83.2	45.6	900	2
SR6/80H/30	6" NEMA	146	1454	*	73	86.8	47.5	900	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

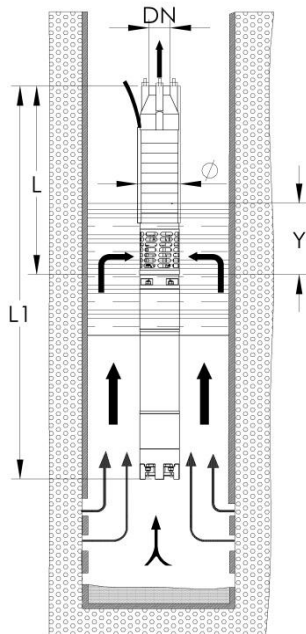
Performance at 2900 RPM 50Hz

SR6/100H

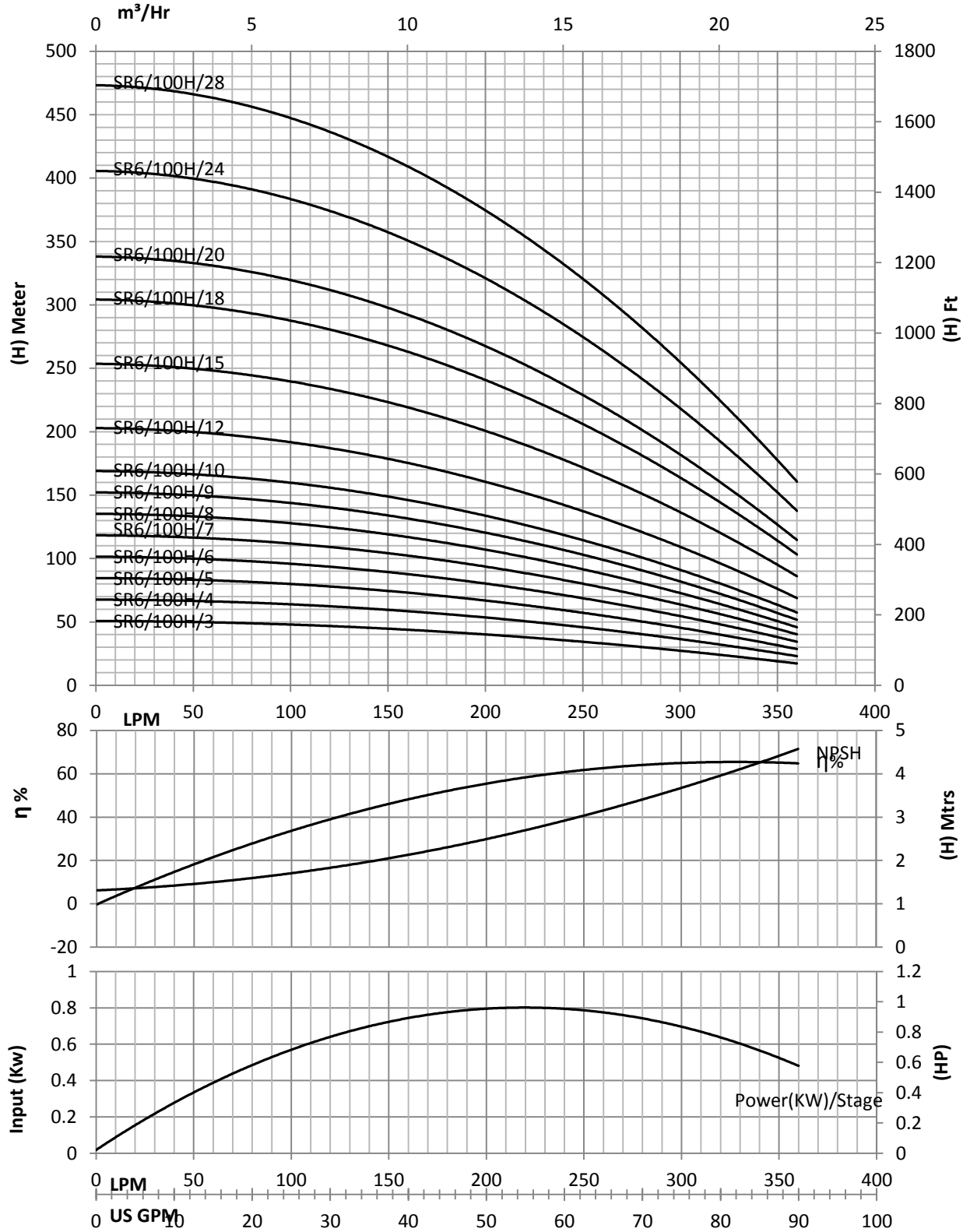
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	38.3	55.5	60.2	63.4	69.7	79.2	95.1
				m ³ /Hr	0	8.7	12.6	13.68	14.4	15.84	18	21.6
		HP	kW	lpm	0	145	210	228	240	264	300	360
SR6/100H/3	3	3	2.2	H e a d m t r s	51	44	39	37	36	33	28	16.5
SR6/100H/4	4	4	3		68	58.5	52	49.5	48	44	37.5	22
SR6/100H/5	5	5	3.7		85	73.5	65	61.5	60	55	46.5	27.5
SR6/100H/6	6	6	4.5		102	88	78	74	72	66	56	33
SR6/100H/7	7	7.5	5.5		119	102.5	91	86.5	84	77	65.5	38.5
SR6/100H/8	8	7.5	5.5		136	117.5	104	98.5	96	88	74.5	44
SR6/100H/9	9	10	7.5		153	132	117	111	108	99	84	49.5
SR6/100H/10	10	10	7.5		170	146.5	130	123.5	120	110	93.5	55
SR6/100H/12	12	12.5	9.3		204	176	156	148	144	132	112	66
SR6/100H/15	15	15	11		255	220	195	185	180	165	140	82.5
SR6/100H/18	18	17.5	13		306	264	234	222	216	198	168	99
SR6/100H/20	20	20	15		340	293.5	260	246.5	240	220	186.5	110
SR6/100H/24	24	25	18.5		408	352	312	296	288	264	224	132
SR6/100H/28	28	30	22		476	410.5	364	345.5	336	308	261.5	154

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/100H/3	6" NEMA	146	495	*	25	30.6	18.6	900	2
SR6/100H/4	6" NEMA	146	533	*	27	32.9	19.7	900	2
SR6/100H/5	6" NEMA	146	572	*	28	34.2	20.9	900	2
SR6/100H/6	6" NEMA	146	610	*	30	36.6	22.1	900	2
SR6/100H/7	6" NEMA	146	648	*	31	37.9	23.2	900	2
SR6/100H/8	6" NEMA	146	686	*	33	40.2	24.4	900	2
SR6/100H/9	6" NEMA	146	724	*	34	41.5	25.5	900	2
SR6/100H/10	6" NEMA	146	800	*	38	46.2	27.8	900	2
SR6/100H/12	6" NEMA	146	876	*	41	49.8	30.1	900	2
SR6/100H/15	6" NEMA	146	991	*	46	55.8	33.5	900	2
SR6/100H/18	6" NEMA	146	1143	*	52	63.1	38.1	900	2
SR6/100H/20	6" NEMA	146	1219	*	55	66.8	40.4	900	2
SR6/100H/24	6" NEMA	146	1372	*	62	75.1	45	900	2
SR6/100H/28	6" NEMA	146	1562	*	70	84.7	50.8	900	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

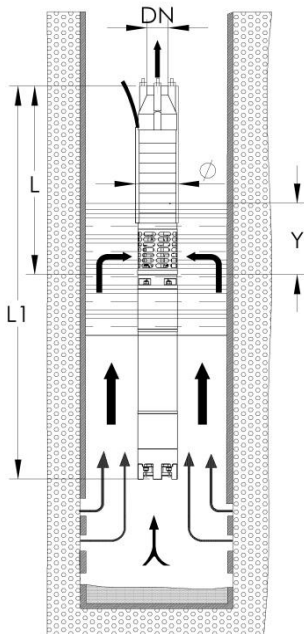
Performance at 2900 RPM 50Hz

SR6/125H

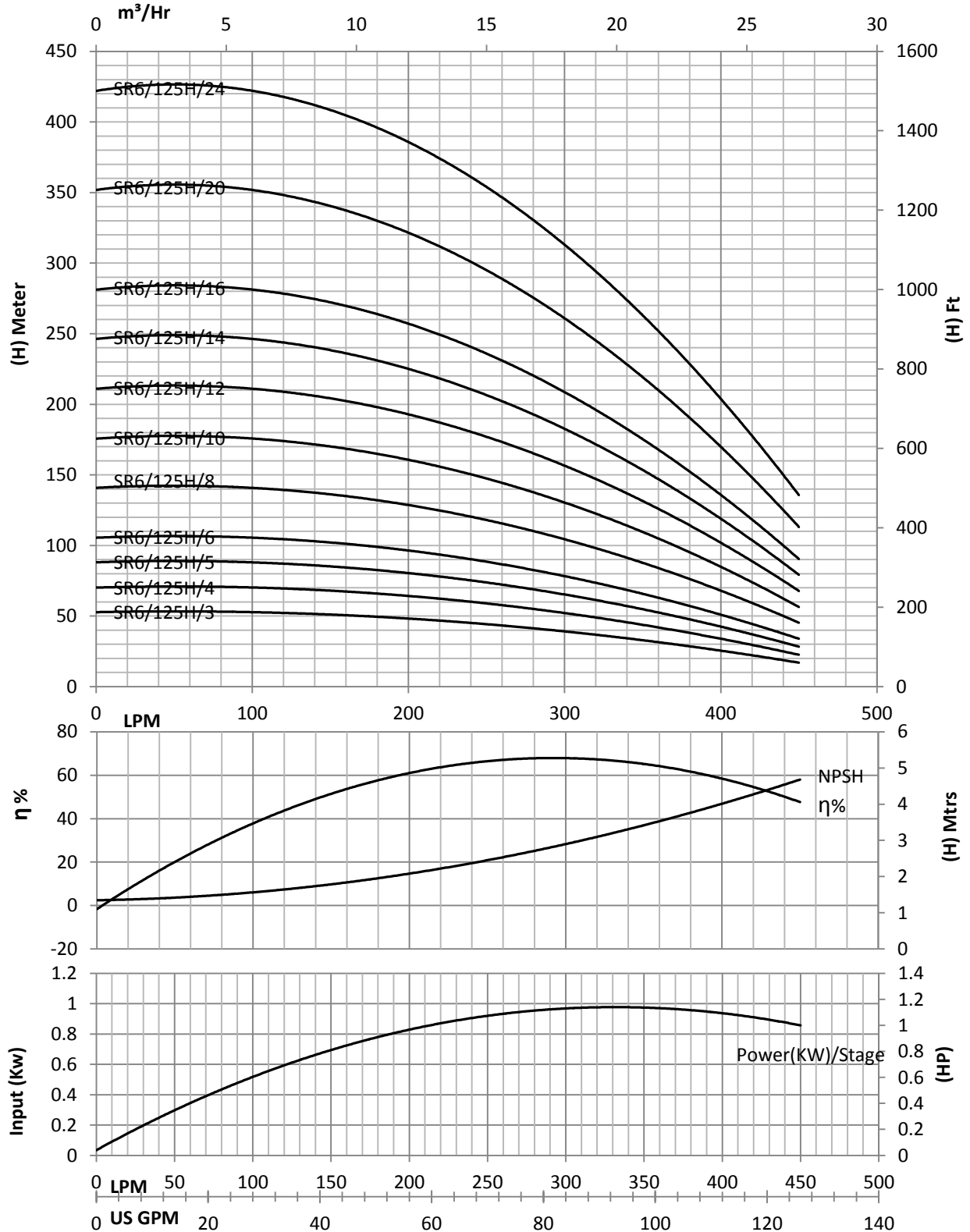
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	47.5	63.4	70.3	72.9	82.4	95.1	118.9
				m ³ /Hr	0	10.8	14.4	15.96	16.56	18.72	21.6	27
		HP	kW	lpm	0	180	240	266	276	312	360	450
SR6/125H/3	3	4	3	H e a d m t r s	53	48.5	45	43	42	38	32	16.5
SR6/125H/4	4	5	3.7		70.5	64.5	60	57.5	56	50.5	42.5	22
SR6/125H/5	5	6	4.5		88.5	81	75	71.5	70	63.5	53.5	27.5
SR6/125H/6	6	7.5	5.5		106	97	90	86	84	76	64	33
SR6/125H/8	8	10	7.5		141.5	129.5	120	114.5	112	101.5	85.5	44
SR6/125H/10	10	12.5	9.3		176.5	161.5	150	143.5	140	126.5	106.5	55
SR6/125H/12	12	15	11		212	194	180	172	168	152	128	66
SR6/125H/14	14	17.5	13		247.5	226.5	210	200.5	196	177.5	149.5	77
SR6/125H/16	16	20	15		282.5	258.5	240	229.5	224	202.5	170.5	88
SR6/125H/20	20	25	18.5		353.5	323.5	300	286.5	280	253.5	213.5	110
SR6/125H/24	24	30	22		424	388	360	344	336	304	256	132

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/125H/3	6" NEMA	146	508	*	25	30.7	19	900	2
SR6/125H/4	6" NEMA	146	552	*	27	33.1	20.3	900	2
SR6/125H/5	6" NEMA	146	597	*	28	34.5	21.7	900	2
SR6/125H/6	6" NEMA	146	641	*	30	36.8	23	900	2
SR6/125H/8	6" NEMA	146	730	*	33	40.6	25.7	900	2
SR6/125H/10	6" NEMA	146	857	*	38	46.7	29.5	900	2
SR6/125H/12	6" NEMA	146	946	*	41	50.4	32.2	900	2
SR6/125H/14	6" NEMA	146	1035	*	44	54.2	34.9	900	2
SR6/125H/16	6" NEMA	146	1124	*	47	58	37.6	900	2
SR6/125H/20	6" NEMA	146	1340	*	55	67.8	44.1	900	2
SR6/125H/24	6" NEMA	146	1518	*	62	76.4	49.4	900	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

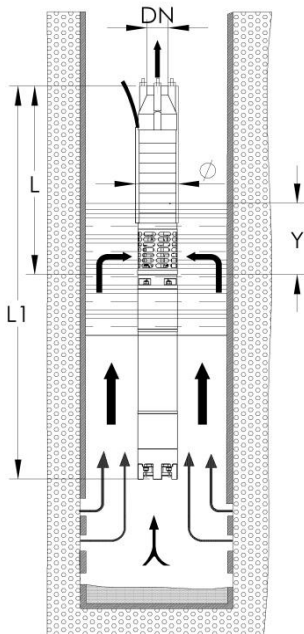
Performance at 2900 RPM 50Hz

SR6/150H

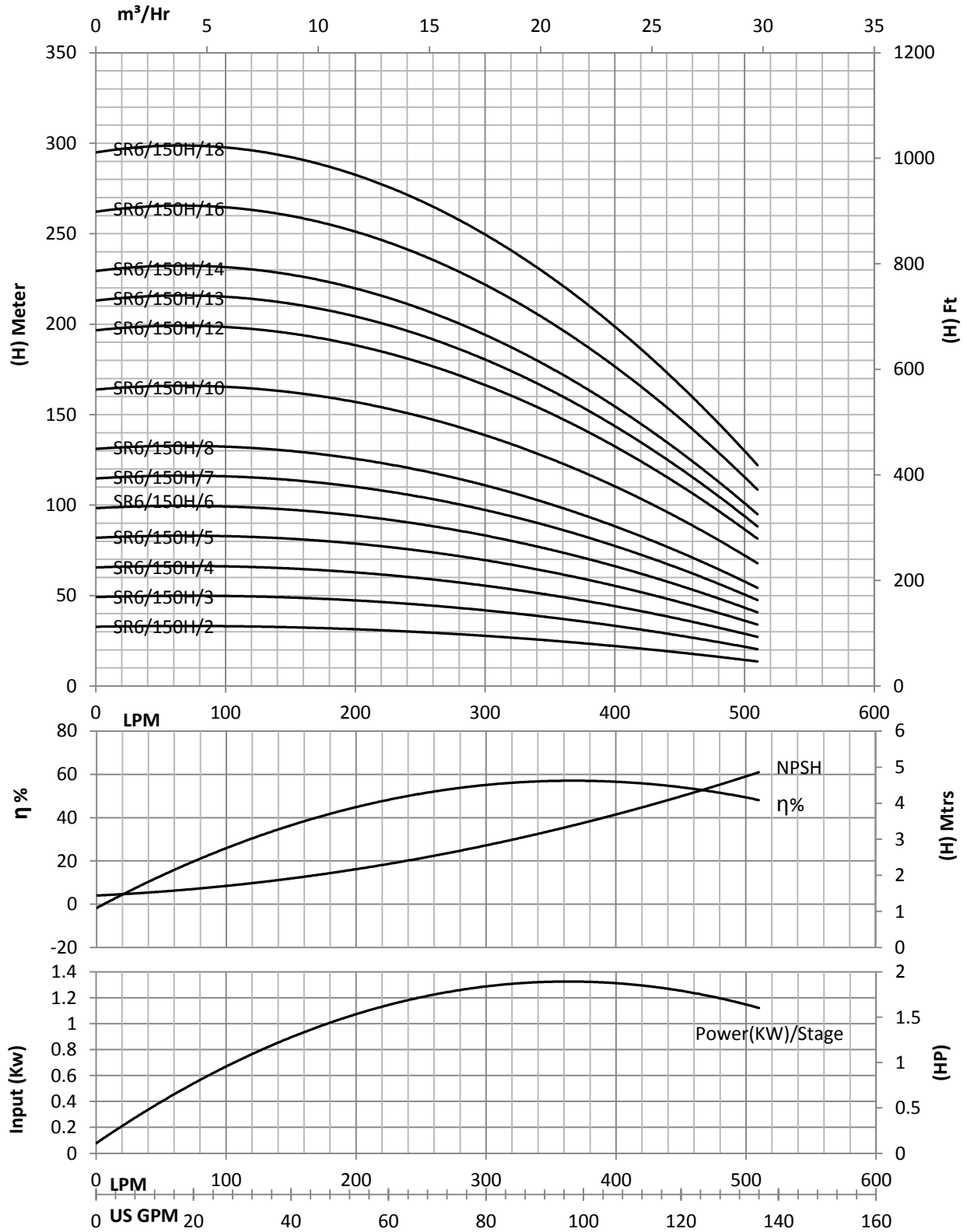
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	46	66.6	74.5	80.8	95.1	114.1	134.7
				m ³ /Hr	0	10.44	15.12	16.92	18.36	21.6	25.92	30.6
		HP	kW	lpm	0	174	252	282	306	360	432	510
SR6/150H/2	2	3	2.2	H e a d m t r s	33	31.5	29.5	28.5	27.5	25	20.5	13
SR6/150H/3	3	5	3.7		49.5	47.5	44.5	43	41.5	37.5	31	19.5
SR6/150H/4	4	6	4.5		66	63	59	57	55	50	41	26
SR6/150H/5	5	7.5	5.5		82.5	79	74	71.5	69	62.5	51.5	32.5
SR6/150H/6	6	10	7.5		99	94.5	88.5	85.5	82.5	75	61.5	39
SR6/150H/7	7	12.5	9.3		115.5	110.5	103.5	100	96.5	87.5	72	45.5
SR6/150H/8	8	12.5	9.3		132	126	118	114	110	100	82	52
SR6/150H/10	10	15	11		165	157.5	147.5	142.5	137.5	125	102.5	65
SR6/150H/12	12	17.5	13		198	189	177	171	165	150	123	78
SR6/150H/13	13	20	15		214.5	205	192	185.5	179	162.5	133.5	84.5
SR6/150H/14	14	20	15		231	220.5	206.5	199.5	192.5	175	143.5	91
SR6/150H/16	16	25	18.5		264	252	236	228	220	200	164	104
SR6/150H/18	18	30	22		297	283.5	265.5	256.5	247.5	225	184.5	117

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/150H/2	6" NEMA	146	466	*	24	29.3	17.7	900	2
SR6/150H/3	6" NEMA	146	512	*	25	30.7	19.1	900	2
SR6/150H/4	6" NEMA	146	559	*	27	33.1	20.5	900	2
SR6/150H/5	6" NEMA	146	605	*	28	34.5	21.9	900	2
SR6/150H/6	6" NEMA	146	652	*	30	36.9	23.3	900	2
SR6/150H/7	6" NEMA	146	698	*	31	38.3	24.7	900	2
SR6/150H/8	6" NEMA	146	744	*	33	40.7	26.1	900	2
SR6/150H/10	6" NEMA	146	876	*	38	46.8	30.1	900	2
SR6/150H/12	6" NEMA	146	969	*	41	50.6	32.9	900	2
SR6/150H/13	6" NEMA	146	1015	*	43	53	34.3	900	2
SR6/150H/14	6" NEMA	146	1061	*	44	54.4	35.7	900	2
SR6/150H/16	6" NEMA	146	1154	*	47	58.2	38.5	900	2
SR6/150H/18	6" NEMA	146	1285	*	52	64.4	42.4	900	2



All tolerances as per ISO9906 Annex A

6" Borewell Submersible Pumps

50 Hz

TECHNICAL DATA

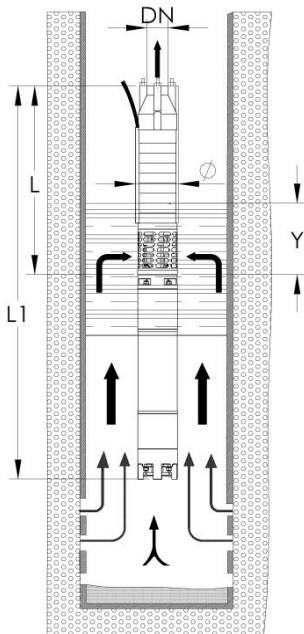
Performance at 2900 RPM 50Hz

SR6/200H

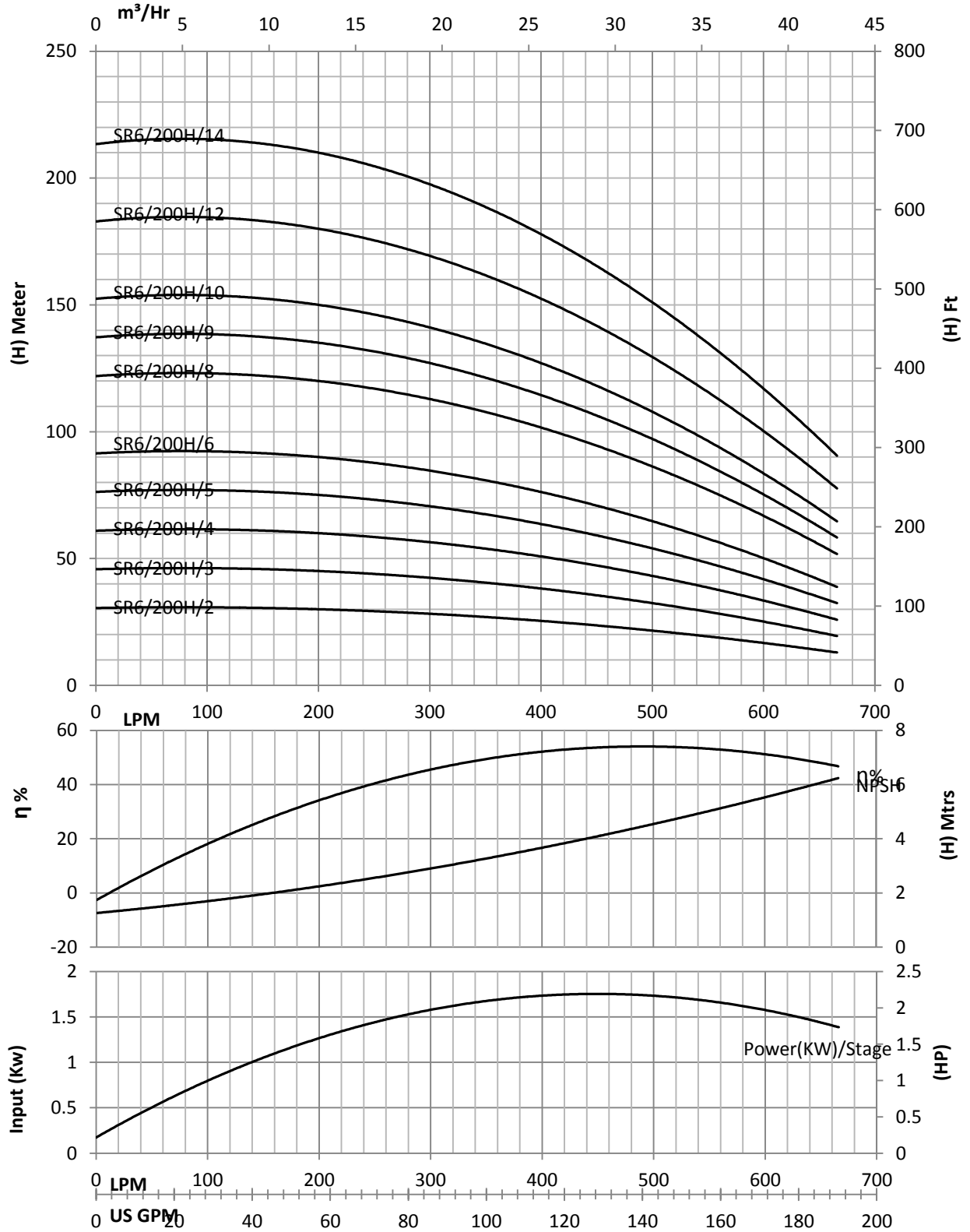
Model	Stage	Motor Rating		Q	HYDRAULIC PERFORMANCE							
				US GPM	0	47.5	74	90.3	115.7	144.2	152.1	175.9
				m ³ /Hr	0	10.8	16.8	20.52	26.28	32.76	34.56	39.96
		HP	kW	lpm	0	180	280	342	438	546	576	666
SR6/200H/2	2	4	3	H e a d m t r s	31	29.5	28	27	25	20	18.5	12
SR6/200H/3	3	6	4.5		46.5	44.5	42	40.5	37.5	30	28	18
SR6/200H/4	4	7.5	5.5		62	59	56	54	50	40	37	24
SR6/200H/5	5	10	7.5		77.5	74	70	67.5	62.5	50	46.5	30
SR6/200H/6	6	12.5	9.3		93	88.5	84	81	75	60	55.5	36
SR6/200H/8	8	15	11		124	118	112	108	100	80	74	48
SR6/200H/9	9	17.5	13		139.5	133	126	121.5	112.5	90	83.5	54
SR6/200H/10	10	20	15		155	147.5	140	135	125	100	92.5	60
SR6/200H/12	12	25	18.5		186	177	168	162	150	120	111	72
SR6/200H/14	14	30	22		217	206.5	196	189	175	140	129.5	84

Overall dimensions in mm and Weight in Kg

* For motor details please refer motor section
** Gross Weight includes Wooden Box for 4 Units



Model	Mounting	Max ø	Length		Net (Kg)	Gross** (Kg)	CBM	Y	DN Rp (inches)
			L	L1					
SR6/200H/2	6" NEMA	146	466	*	24	29.3	17.7	900	2
SR6/200H/3	6" NEMA	146	513	*	25	30.7	19.1	900	2
SR6/200H/4	6" NEMA	146	560	*	27	33.1	20.6	900	2
SR6/200H/5	6" NEMA	146	607	*	28	34.5	22	900	2
SR6/200H/6	6" NEMA	146	654	*	30	36.9	23.4	900	2
SR6/200H/8	6" NEMA	146	748	*	33	40.7	26.2	900	2
SR6/200H/9	6" NEMA	146	795	*	34	42.2	27.6	900	2
SR6/200H/10	6" NEMA	146	880	*	38	46.9	30.2	900	2
SR6/200H/12	6" NEMA	146	974	*	41	50.7	33	900	2
SR6/200H/14	6" NEMA	146	1068	*	44	54.5	35.9	900	2



All tolerances as per ISO9906 Annex A