

FPS



50 Hz SSI SERIES 4" Submersible Pumps



SSI 4" PUMP SERIES

Features	5
Applications	6
2 SSI	6
Performance Curve	6
Dimensions	7
3 SSI	8
Performance Curve	8
Dimensions	9
5 SSI	10
Performance Curve	10
Dimensions	11
8 SSI	12
Performance Curve	12
Dimensions	13
14 SSI	14
Performance Curve	14
Dimensions	15

For the most up-to-date product information, visit franklinwater.com.



FPS SSI 4" SERIES

APPLICATIONS

- The FPS SSI 4" pump is engineered for commercial, irrigation, and residential use.
- Design advancements reduce efficiency losses caused by internal pump leakage and abrasives.

FEATURES

- 5 performance ranges: 2, 3, 5, 8, 14 m³/hr.
- Cast stainless steel discharge head and motor bracket.
- Stainless steel impellers and diffusers
- NEMA standard connection
- Internal check valve included.
- Powered by Franklin Electric's corrosion-resistant 4" submersible motor.

MODEL NOMENCLATURE

14 **SSI** / **25**

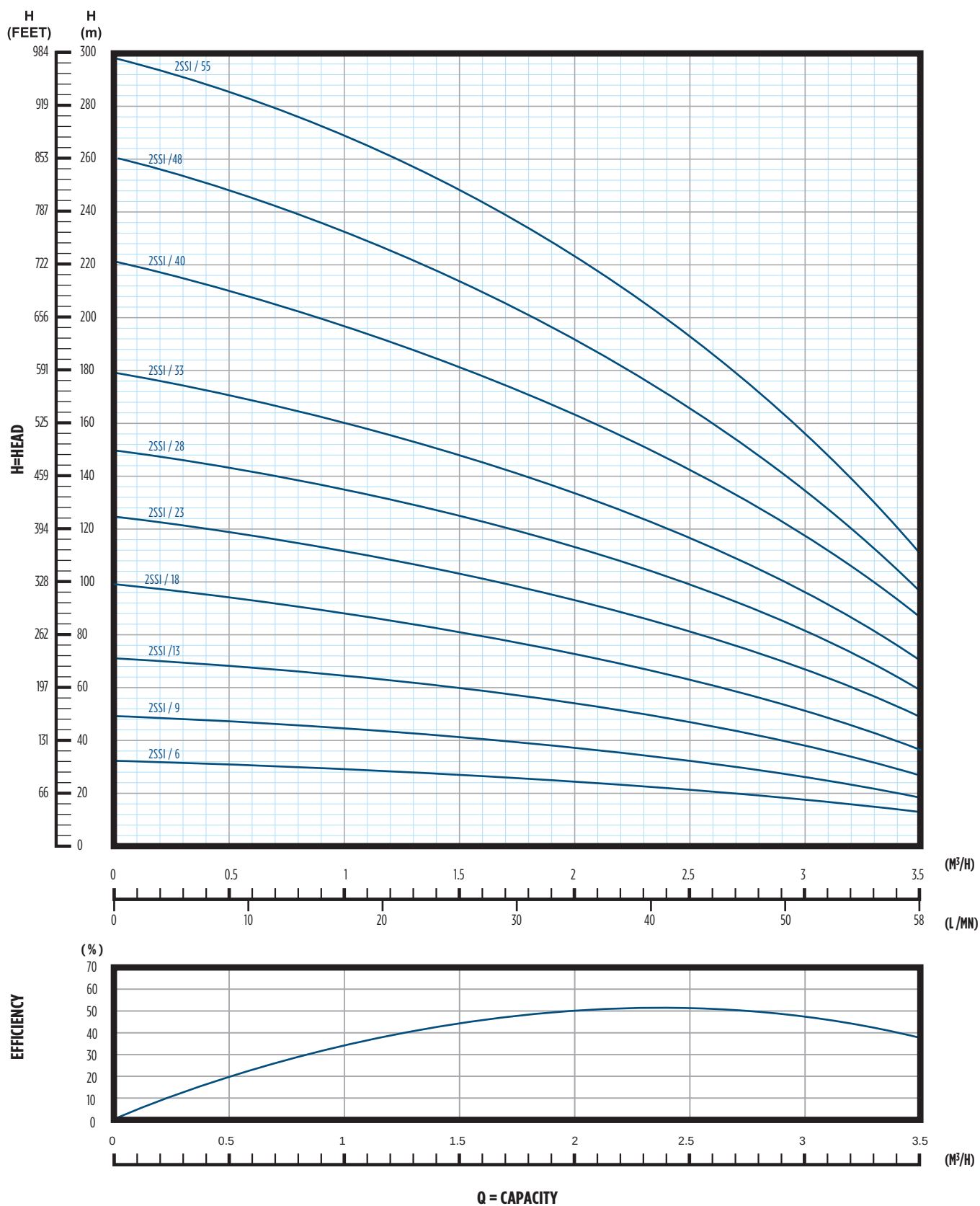
25 Stages

SSI Series

nominal flow rate in m³/hr.



2SSI - PERFORMANCE CURVE



2SSI - PERFORMANCE

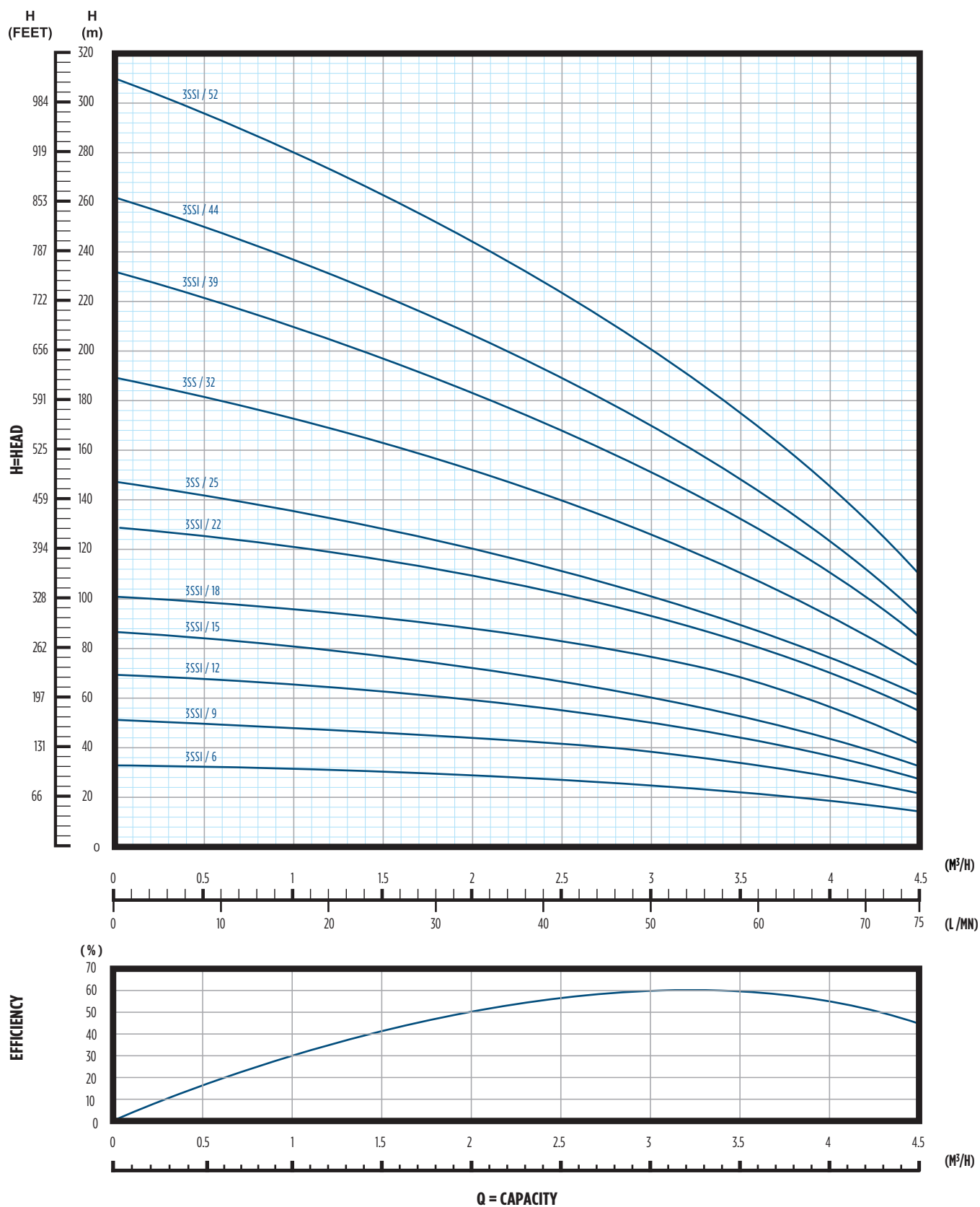
Model	Stages	Motor Power		L/MIN	0	25	33	42	50	58
		KW	HP	M ³ /HR	0	1.5	2	2.5	3	3.5
2SSI / 06	6	0.37	0.5	Head in Meter (m)	32	27	24	21	17	13
2SSI / 09	9	0.37	0.5		49	41	37	32	26	18
2SSI / 13	13	0.55	0.75		71	60	54	47	38	27
2SSI / 18	18	0.75	1		99	81	72	63	52	36
2SSI / 23	23	1.1	1.5		124	103	93	81	67	49
2SSI / 28	28	1.5	2		150	125	113	99	82	60
2SSI / 33	33	1.5	2		180	148	133	116	96	71
2SSI / 40	40	2.2	3		220	181	164	143	117	87
2SSI / 48	48	2.2	3		260	214	192	166	134	96
2SSI / 55	55	3	4		298	248	223	192	156	110

2SSI - DIMENSIONS

Pump	Discharge (DN)	Length (L1) mm	Weight kg
2SSI / 06	1½"	291	2.4
2SSI / 09	1½"	354	3.0
2SSI / 13	1½"	438	3.8
2SSI / 18	1½"	543	4.8
2SSI / 23	1½"	648	5.8
2SSI / 28	1½"	753	6.8
2SSI / 33	1½"	858	7.8
2SSI / 40	1½"	1005	9.2
2SSI / 48	1½"	1173	10.8
2SSI / 55	1½"	1320	12.1



3SSI - PERFORMANCE CURVE

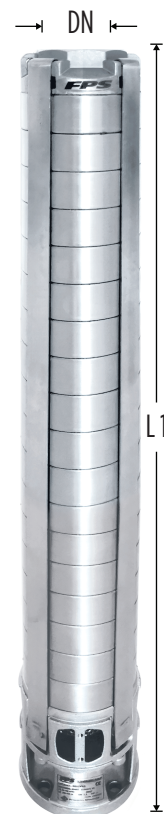


3SSI - PERFORMANCE

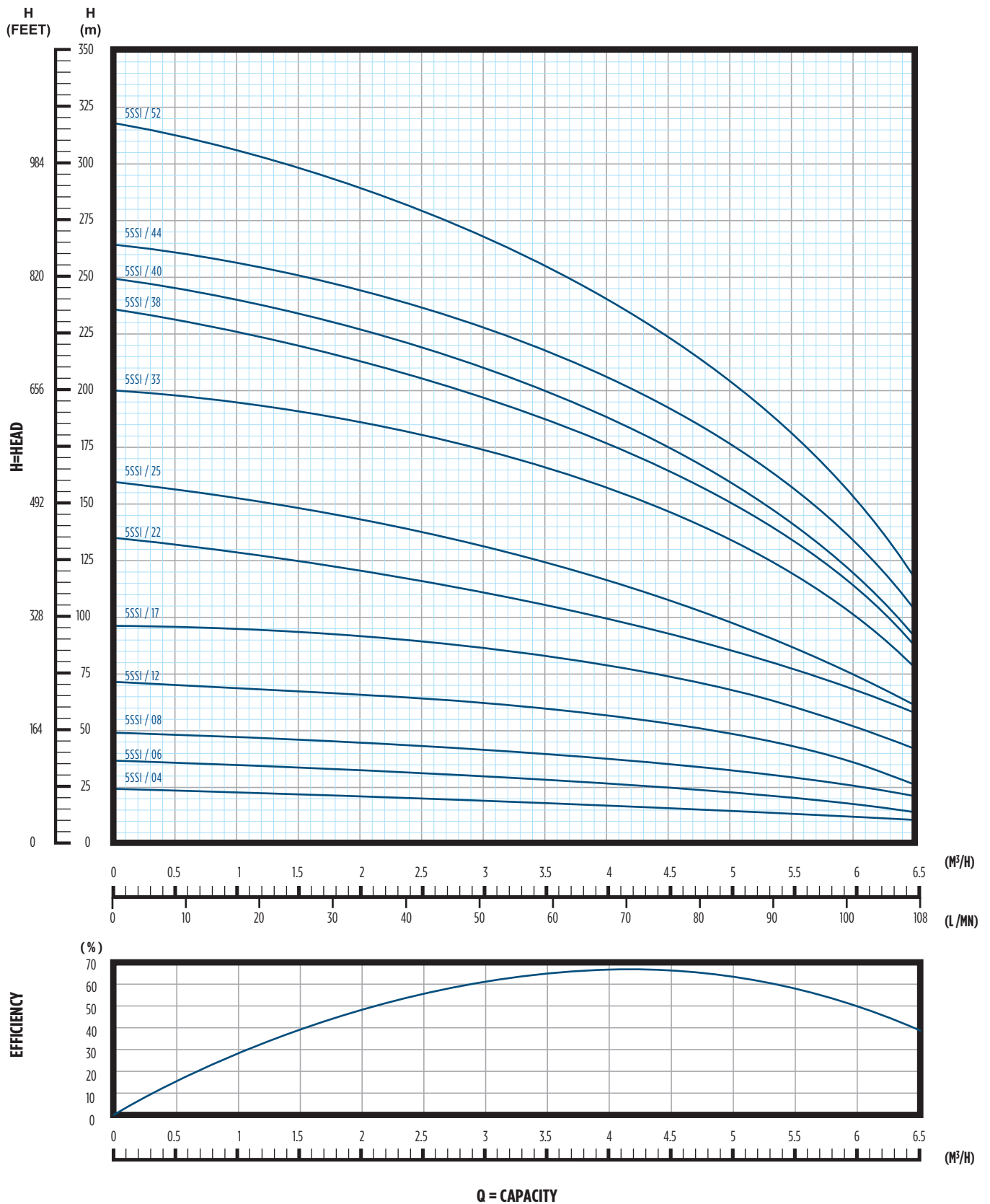
Model	Stages	Motor Power		L/MIN	0	33	42	50	58	67	75
		KW	HP	M ³ /HR	0	2	2.5	3	3.5	4	4.5
3SSI / 06	6	0.37	0.5	Head in Meter (m)	33	29	27	25	22	18	14
3SSI / 09	9	0.55	0.75		51	44	42	38	34	28	22
3SSI / 12	12	0.75	1		69	59	55	50	44	36	27
3SSI / 15	15	1.1	1.5		87	72	67	60	52	44	32
3SSI / 18	18	1.1	1.5		101	88	83	77	72	56	42
3SSI / 22	22	1.5	2		128	110	102	93	83	70	55
3SSI / 25	25	1.5	2		147	120	112	101	90	76	62
3SSI / 32	32	2.2	3		188	152	140	126	110	92	72
3SSI / 39	39	3	4		232	183	168	151	132	111	84
3SSI / 44	44	3	4		262	206	189	170	148	124	93
3SSI / 52	52	3.7	5		310	244	224	221	177	145	110

3SSI - DIMENSIONS

Pump	Discharge (DN)	Length (L1) mm	Weight kg
3SSI / 06	1½"	291	2.4
3SSI / 09	1½"	354	3.0
3SSI / 12	1½"	417	3.6
3SSI / 15	1½"	480	4.2
3SSI / 18	1½"	543	4.8
3SSI / 22	1½"	627	5.6
3SSI / 25	1½"	690	6.2
3SSI / 32	1½"	837	7.6
3SSI / 39	1½"	984	9.0
3SSI / 44	1½"	1089	10.0
3SSI / 52	1½"	1257	11.5



5SSI - PERFORMANCE CURVE

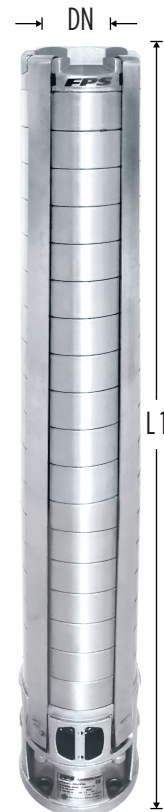


5SSI - PERFORMANCE

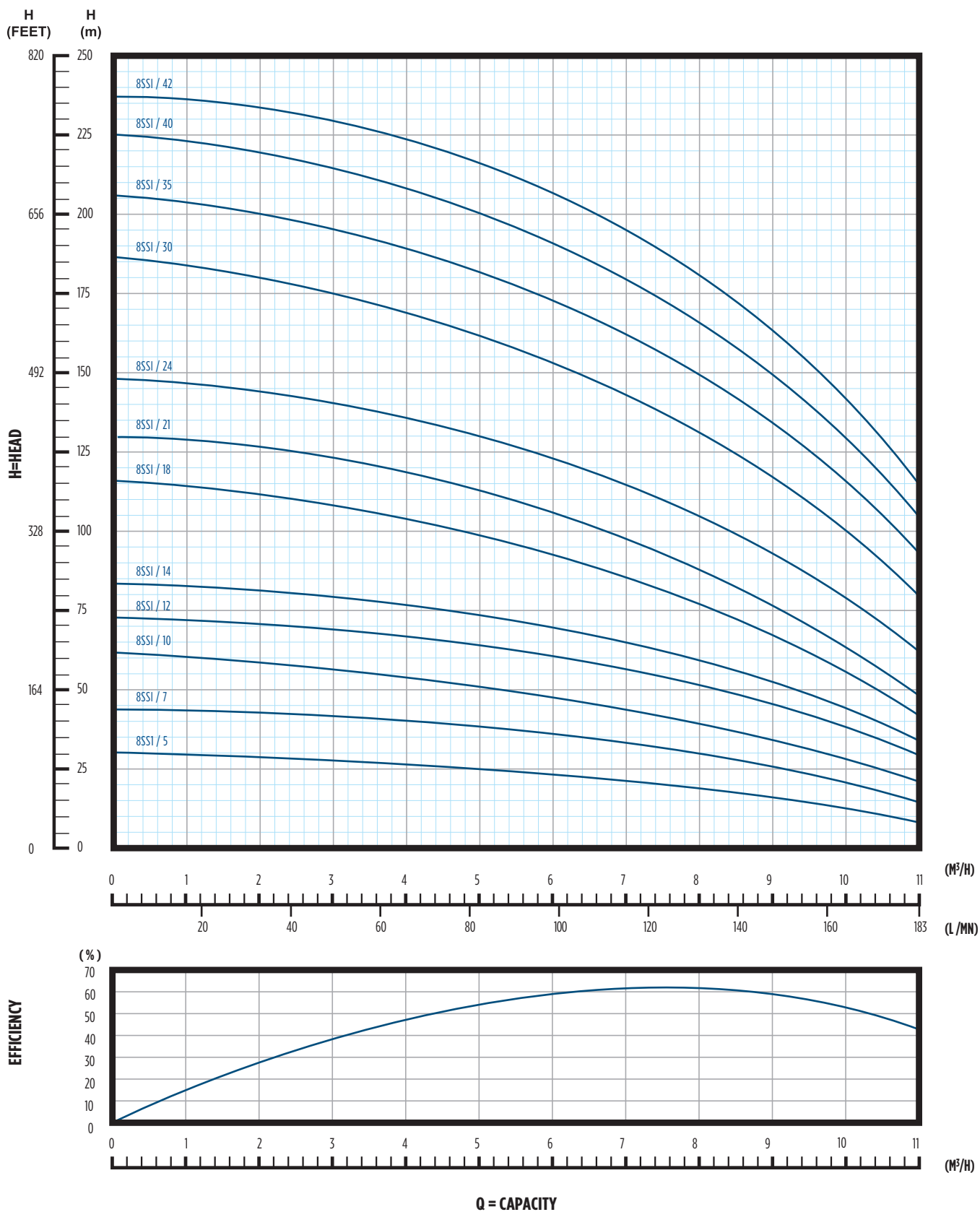
Model	Stages	Motor Power		L/MIN M ³ /HR	0	50	67	83	100	117
		KW	HP		0	3	4	5	6	6.5
5SSI / 04	4	0.37	0.5	Head in Meter (m)	25	19	17	15	12	10
5SSI / 06	6	0.55	0.75		36	30	26	23	18	15
5SSI / 08	8	0.75	1		49	41	38	32	26	21
5SSI / 12	12	1.1	1.5		71	62	56	50	36	26
5SSI / 17	17	1.5	2		96	86	80	68	52	42
5SSI / 22	22	2.2	3		135	111	100	85	69	58
5SSI / 25	25	2.2	3		160	131	116	97	75	62
5SSI / 33	33	3	4		200	174	157	135	102	78
5SSI / 38	38	4	5.5		235	196	176	150	115	87
5SSI / 40	40	4	5.5		250	210	188	160	120	90
5SSI / 44	44	4	5.5		265	228	207	176	135	104
5SSI / 52	52	5.5	7.5		318	267	240	205	155	117

5SSI - DIMENSIONS

Pump	Discharge (DN)	Length (L1) mm	Weight kg
5SSI / 04	1½"	249	2.0
5SSI / 06	1½"	291	2.5
5SSI / 08	1½"	333	2.9
5SSI / 12	1½"	417	3.7
5SSI / 17	1½"	522	4.8
5SSI / 22	1½"	627	5.8
5SSI / 25	1½"	690	6.5
5SSI / 33	1½"	858	8.1
5SSI / 38	1½"	963	9.2
5SSI / 40	1½"	1005	9.6
5SSI / 44	1½"	1089	10.4
5SSI / 52	1½"	1257	12.1



8SSI - PERFORMANCE CURVE

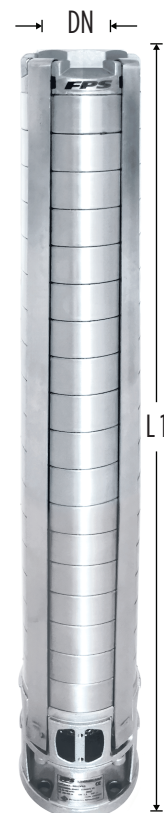


8SSI - PERFORMANCE

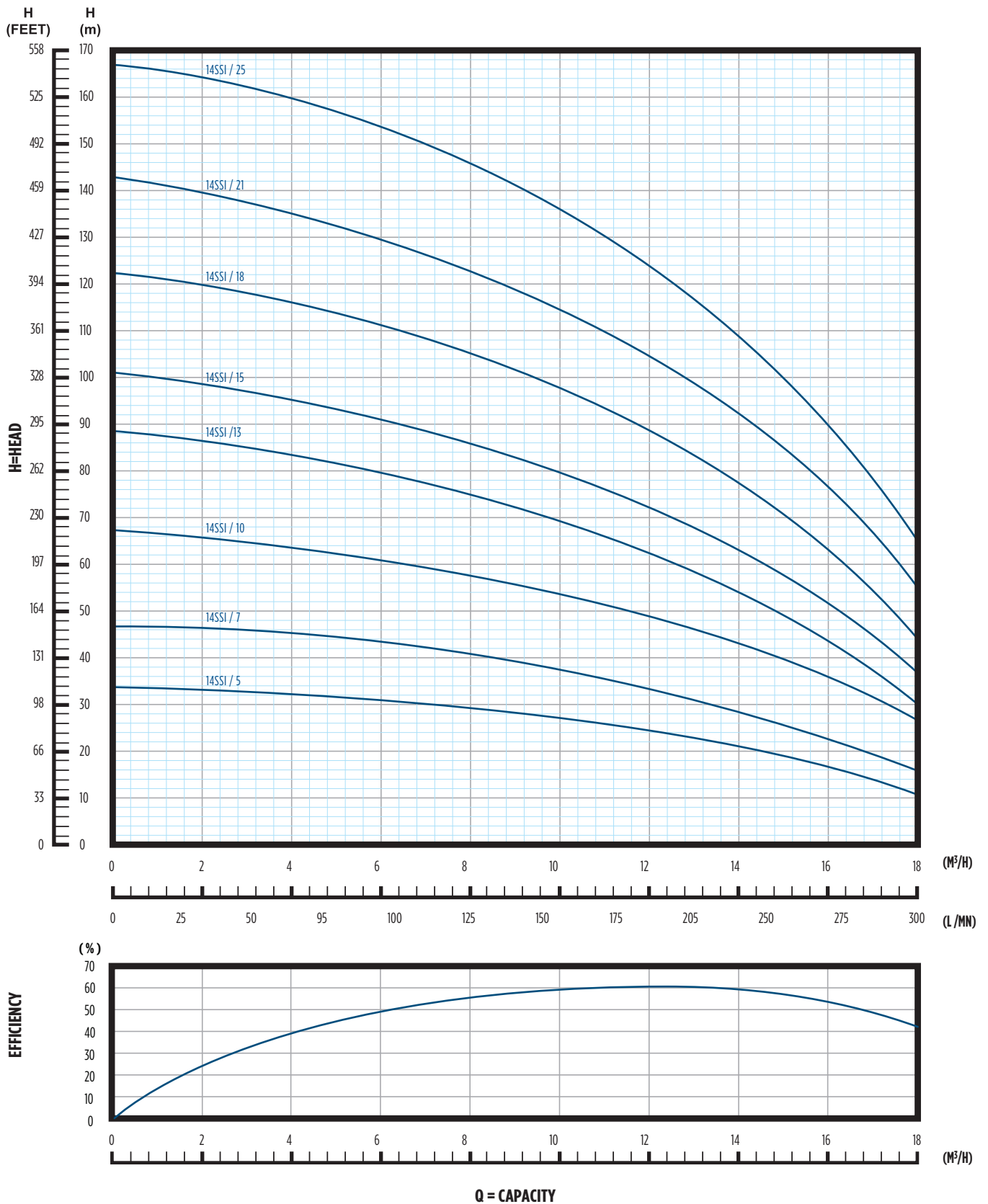
Model	Stages	Motor Power		L/MIN M ³ /HR	0	83	100	117	133	150	167
		KW	HP		0	5	6	7	8	9	10
8SSI / 05	5	0.75	1	Head in Meter (m)	30	25	23	21	19	16	12
8SSI / 07	7	1.1	1.5		44	38	36	34	30	26	21
8SSI / 10	10	1.5	2		62	51	47	44	39	34	28
8SSI / 12	12	2.2	3		72	64	61	56	52	45	38
8SSI / 14	14	2.2	3		84	73	70	65	59	52	44
8SSI / 18	18	3	4		116	98	93	85	77	67	55
8SSI / 21	21	4	5.5		130	113	106	97	88	76	64
8SSI / 24	24	4	5.5		147	130	123	115	105	93	79
8SSI / 30	30	5.5	7.5		186	162	153	143	131	116	100
8SSI / 35	35	5.5	7.5		206	182	173	162	150	134	115
8SSI / 40	40	7.5	10		225	200	191	180	166	150	130
8SSI / 44	44	7.5	10		236	216	207	195	180	163	141

8SSI - DIMENSIONS

Pump	Discharge (DN)	Length (L1) mm	Weight kg
8SSI / 05	2"	298	27
8SSI / 07	2"	353	3.2
8SSI / 10	2"	435	4.0
8SSI / 12	2"	490	4.5
8SSI / 14	2"	545	5.1
8SSI / 18	2"	655	6.1
8SSI / 21	2"	738	6.9
8SSI / 24	2"	820	7.7
8SSI / 30	2"	985	9.4
8SSI / 35	2"	1123	10.7
8SSI / 40	2"	1260	12.0
8SSI / 44	2"	1370	13.1



14SSI - PERFORMANCE CURVE



14SSI - PERFORMANCE

Model	Stages	Motor Power		L/MIN	0	100	133	167	200	233	267	300
		KW	HP	M ³ /HR	0	6	8	10	12	14	16	18
14SSI / 05	5	1.5	2	Head in Meter (m)	32	31	29	27	24	21	17	11
14SSI / 07	7	2.2	3		46	44	40	38	34	28	22	16
14SSI / 10	10	3	4		67	61	58	54	49	43	36	27
14SSI / 13	13	4	5.5		88	80	75	69	62	54	44	30
14SSI / 15	15	5.5	7.5		101	91	86	80	72	63	52	37
14SSI / 18	18	5.5	7.5		122	111	105	98	88	77	63	44
14SSI / 21	21	7.5	10		143	129	122	114	104	92	76	56
14SSI / 25	25	7.5	10		167	154	145	136	124	108	90	66

14SSI - DIMENSIONS

Pump	Discharge (DN)	Length (L1) mm	Weight kg
14SSI / 05	2"	425	3.5
14SSI / 07	2"	525	4.4
14SSI / 10	2"	675	5.6
14SSI / 13	2"	825	6.9
14SSI / 15	2"	925	7.8
14SSI / 18	2"	1075	9.1
14SSI / 21	2"	1225	10.4
14SSI / 25	2"	1425	12.1





PT. Multi Screen Indonesia

PIK Avenue Mall, Lantai 6, Jl. Pantai Indah Barat No. 1, Kamal Muara, Penjaringan, Jakarta Utara 14470

Tel: +62 21 22674247

submersiblepump.co.id

