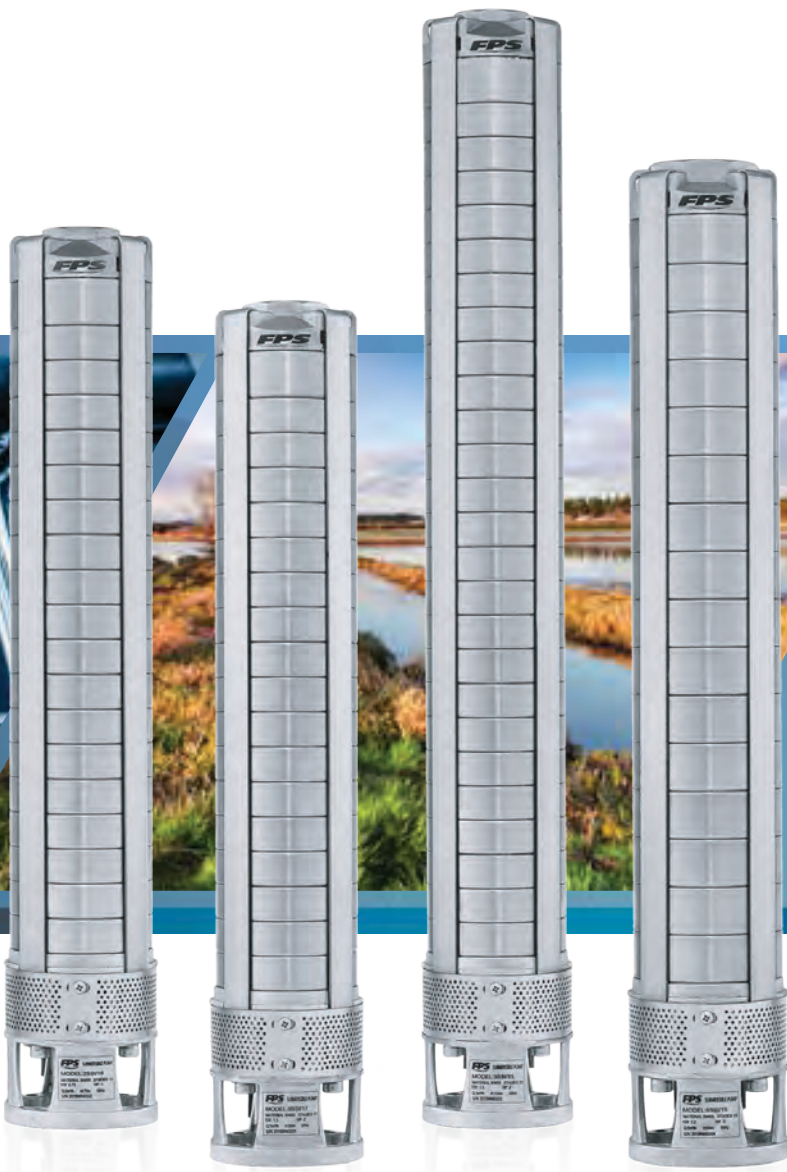




Franklin Electric



50 Hz SSI SERIES 4" Submersible Pumps

SSI 4" PUMP SERIES

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4" SSI SERIES

Engineered for excellence, our 4" stainless steel borehole pump is your reliable water extraction solution for tough environment. Designed for deep wells and built to last, this pump combines robust durability with high efficiency, ensuring consistent water flow with minimal energy consumption. Whether for agricultural irrigation, industrial applications, or residential water supply, our pump delivers outstanding performance with the added benefit of corrosion resistance. Choose the pump that stands up to the toughest conditions, offering peace of mind and superior water management.

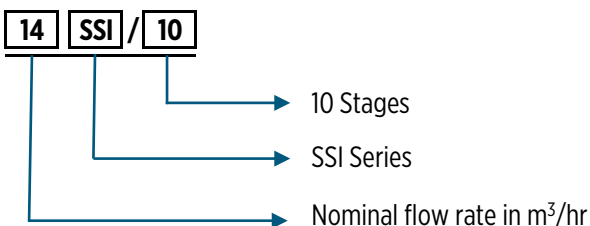
APPLICATIONS

- Municipal water works
- Irrigation and sprinkler systems
- Water supply to and from tanks, reservoir and wells
- Residential and farm wells and drainage
- General industry

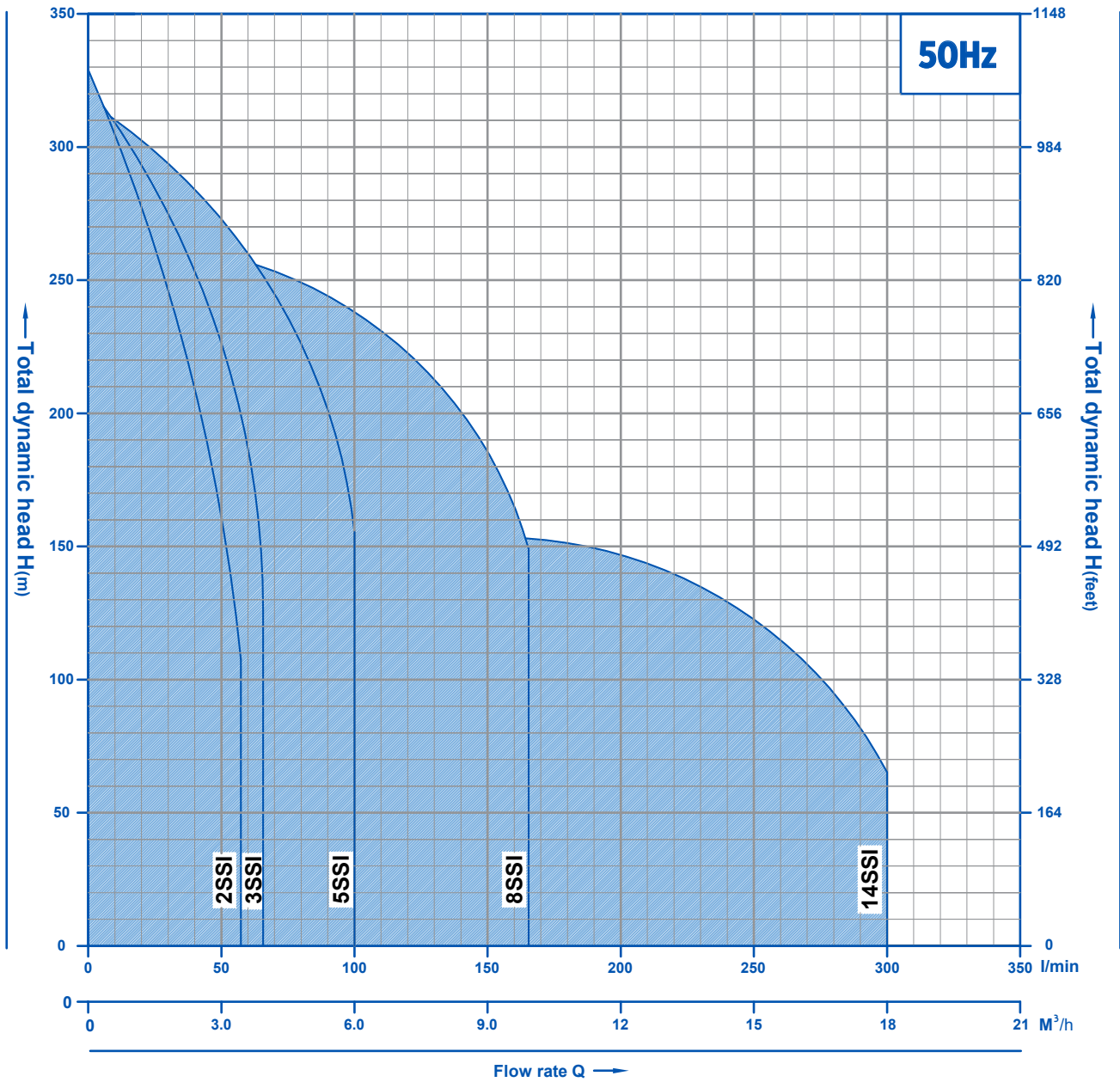
FEATURES

- 5 performance ranges: 2, 3, 5, 8, 14m³/hr
- Robust & Corrosion Resistance: Cast stainless steel discharge head and motor bracket. Main components constructed from high-grade stainless steel, ensuring long-term durability and resistance to corrosion.
- Efficient Performance: High efficiency in water delivery, reducing energy consumption and operational costs.
- Easy Installation: NEMA standard connection
- Enhanced Safety: Built in internal check valve

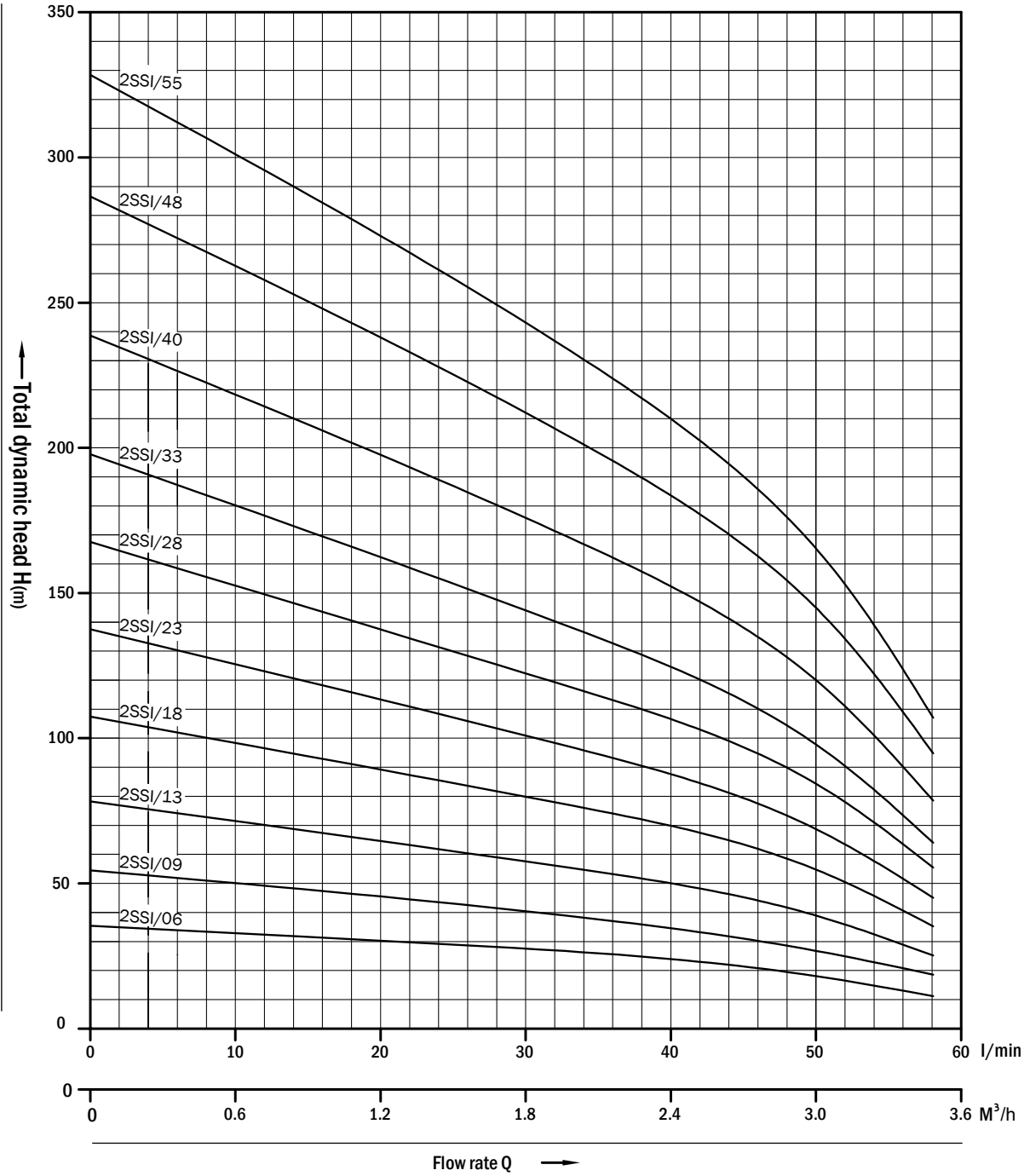
MODEL NOMENCLATURE



FAMILY CURVE



2SSI - PERFORMANCE CURVE

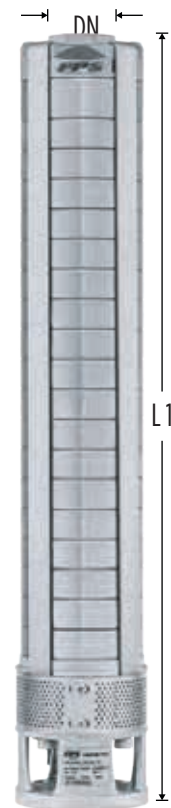


2SSI - PERFORMANCE

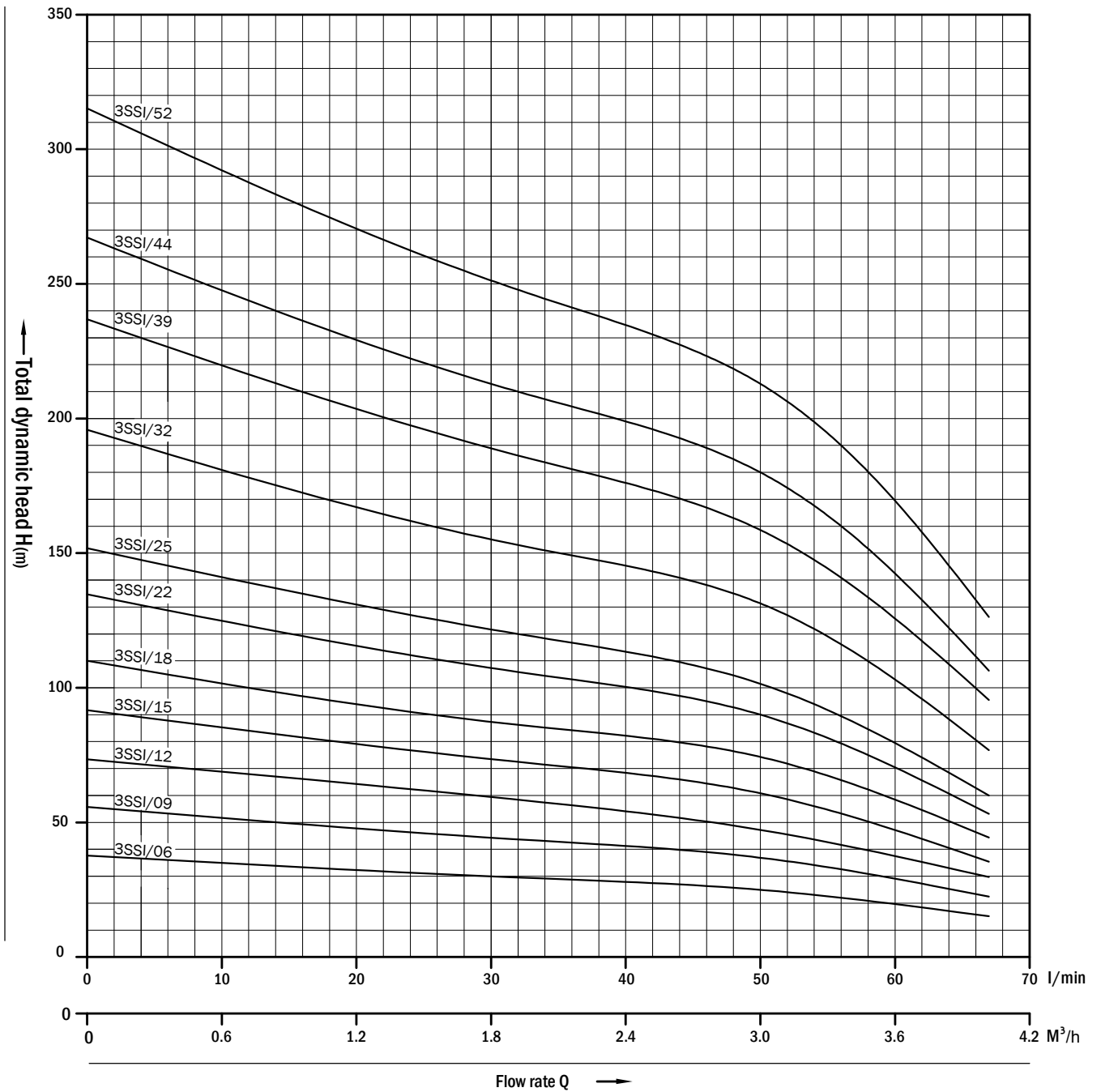
Model	Stages	Motor Power		m ³ /h	0.0	1.5	2.0	2.5	3.0	3.5
		kW	HP							
2SSI / 06	6	0.37	0.50	head/m	36	28	25	23	18	12
2SSI / 09	9	0.37	0.50		54	42	38	34	27	18
2SSI / 13	13	0.55	0.75		78	60	55	49	39	25
2SSI / 18	18	0.75	1		108	83	76	68	54	35
2SSI / 23	23	1.1	1.5		138	107	97	88	69	45
2SSI / 28	28	1.5	2		168	130	118	107	84	55
2SSI / 33	33	1.5	2		198	153	139	126	99	64
2SSI / 40	40	2.2	3		239	185	169	152	120	78
2SSI / 48	48	2.2	4		287	222	203	183	144	94
2SSI / 55	55	3	4		329	255	232	209	165	107

2SSI - WEIGHT & DIMENSION

Model	Stages	Power (kW)	Power (HP)	Discharge Size	Length (mm)	Weight (kg)
2SSI / 06	6	0.37	0.5	1.25"	321	3.4
2SSI / 09	9	0.37	0.5	1.25"	384	4
2SSI / 13	13	0.55	0.75	1.25"	468	4.8
2SSI / 18	18	0.75	1	1.25"	573	5.8
2SSI / 23	23	1.1	1.5	1.25"	678	6.8
2SSI / 28	28	1.5	2	1.25"	783	7.8
2SSI / 33	33	1.5	2	1.25"	888	8.8
2SSI / 40	40	2.2	3	1.25"	1035	10.2
2SSI / 48	48	2.2	3	1.25"	1203	11.8
2SSI / 55	55	3	4	1.25"	1350	13.2



3SSI - PERFORMANCE CURVE

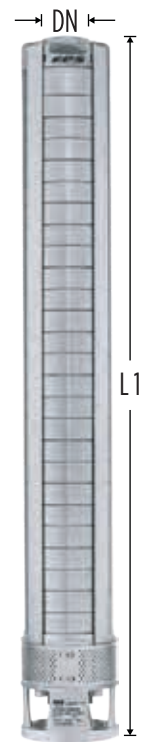


3SSI - PERFORMANCE

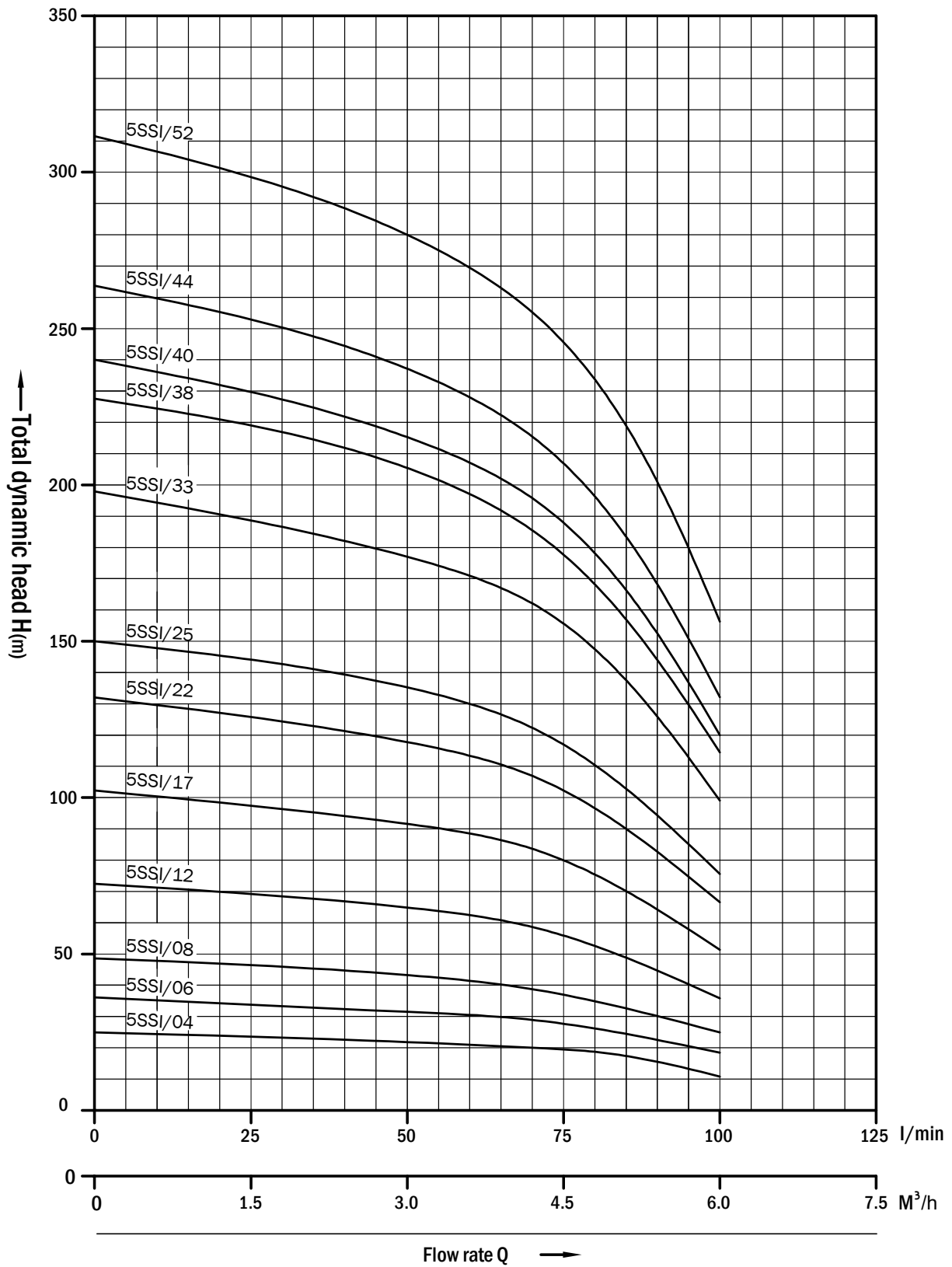
Model	Stages	Motor Power		m ³ /h	0.0	2.0	2.5	3.0	3.5	4.0
		kW	HP							
3SSI / 06	6	0.37	0.50	head/m	37	29	27	25	20	15
3SSI / 09	9	0.55	0.75		55	43	40	37	30	22
3SSI / 12	12	0.75	1		73	57	53	49	40	29
3SSI / 15	15	1.1	1.5		91	71	66	61	50	36
3SSI / 18	18	1.1	1.5		110	86	80	74	60	44
3SSI / 22	22	1.5	2		134	105	97	90	73	53
3SSI / 25	25	1.5	2		152	119	110	102	83	60
3SSI / 32	32	2.2	3		195	152	141	131	107	77
3SSI / 39	39	3	4		237	185	172	159	130	94
3SSI / 44	44	3	4		268	209	194	180	147	106
3SSI / 52	52	4	5		316	247	230	212	173	126

3SSI - WEIGHT & DIMENSION

Model	Stages	Power (kW)	Power (HP)	Discharge Size	Length (mm)	Weight (kg)
3SSI / 06	6	0.37	0.5	1.25"	321	3.7
3SSI / 09	9	0.55	0.75	1.25"	384	4.45
3SSI / 12	12	0.75	1	1.25"	447	5.2
3SSI / 15	15	1.1	1.5	1.25"	510	5.95
3SSI / 18	18	1.1	1.5	1.25"	573	6.7
3SSI / 22	22	1.5	2	1.25"	657	7.7
3SSI / 25	25	1.5	2	1.25"	720	8.45
3SSI / 32	32	2.2	3	1.25"	867	10.2
3SSI / 39	39	3	4	1.25"	1014	11.95
3SSI / 44	44	3	4	1.25"	1119	13.2
3SSI / 52	52	3.7	5	1.25"	1287	15.2



5SSI - PERFORMANCE CURVE



5SSI - PERFORMANCE CURVE

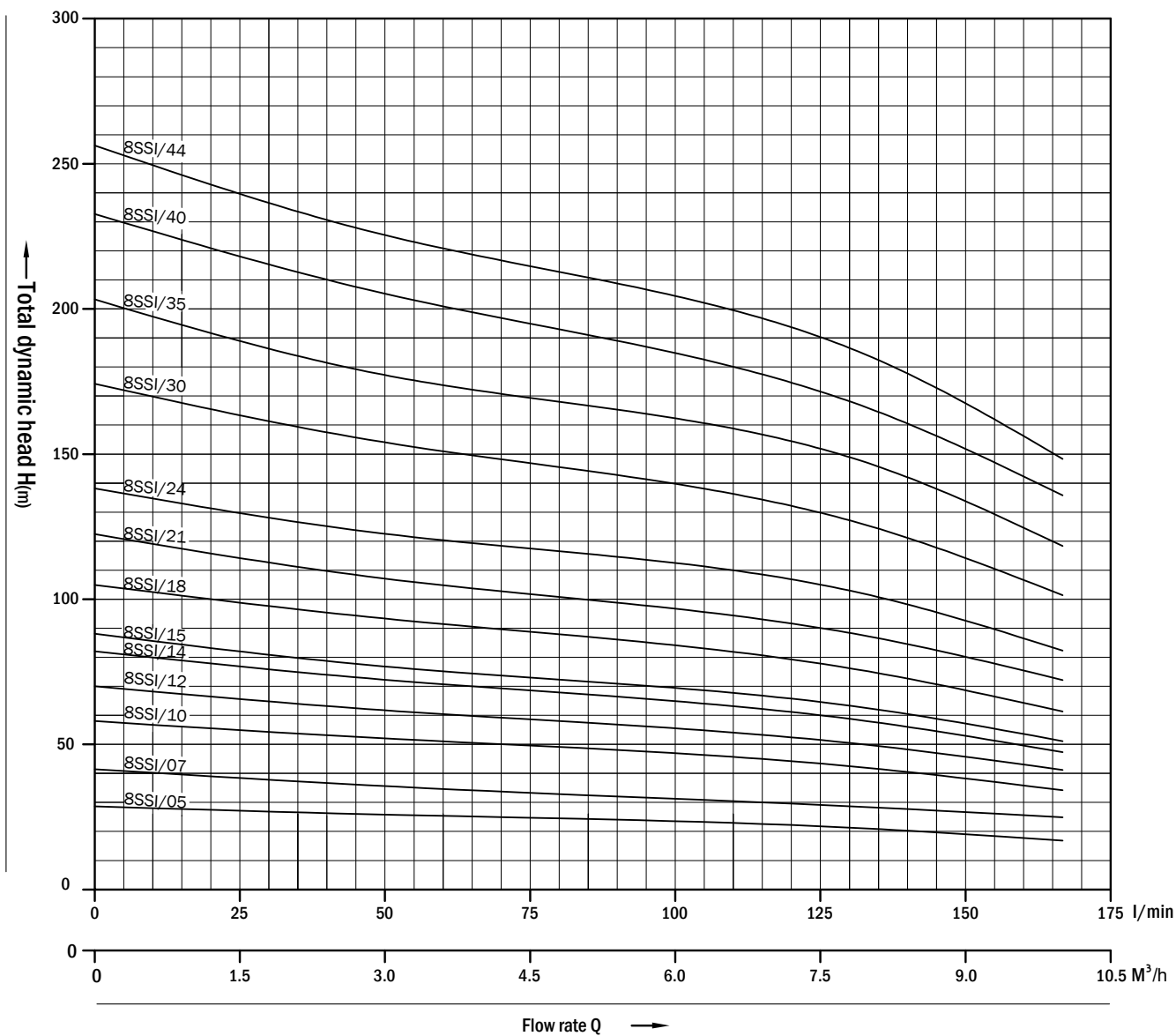
Model	Stages	Motor Power		m ³ /h	0.0	3.0	3.6	4.2	5.0	6.0
		kW	HP							
5SSI / 04	4	0.37	0.50	head/m	24	22	21	20	17	12
5SSI / 06	6	0.55	0.75		36	32	31	29	26	18
5SSI / 08	8	0.75	1		48	43	41	39	34	24
5SSI / 12	12	1.1	1.5		72	65	62	59	51	36
5SSI / 17	17	1.5	2		102	91	87	83	72	51
5SSI / 22	22	2.2	3		132	118	113	107	94	66
5SSI / 25	25	2.2	3		150	134	128	122	106	75
5SSI / 33	33	3	4		198	177	169	161	140	99
5SSI / 38	38	4	5.5		228	204	195	185	162	114
5SSI / 40	40	4	5.5		240	215	205	195	170	120
5SSI / 44	44	4	5.5		264	237	226	215	187	132
5SSI / 52	52	5.5	7.5		312	280	267	254	221	156

5SSI - WEIGHT & DIMENSION

Model	Stages	Power (kW)	Power (HP)	Discharge Size	Length (mm)	Weight (kg)
5SSI / 04	4	0.37	0.5	1.5"	291	3.28
5SSI / 06	6	0.55	0.75	1.5"	339	3.82
5SSI / 08	8	0.75	1	1.5"	387	4.36
5SSI / 12	12	1.1	1.5	1.5"	483	5.44
5SSI / 17	17	1.5	2	1.5"	603	6.79
5SSI / 22	22	2.2	3	1.5"	723	8.14
5SSI / 25	25	2.2	3	1.5"	795	8.95
5SSI / 33	33	3	4	1.5"	987	11.11
5SSI / 38	38	4	5.5	1.5"	1107	12.46
5SSI / 40	40	4	5.5	1.5"	1155	13
5SSI / 44	44	4	5.5	1.5"	1251	14.08
5SSI / 52	52	5.5	7.5	1.5"	1443	16.24



8SSI - PERFORMANCE CURVE

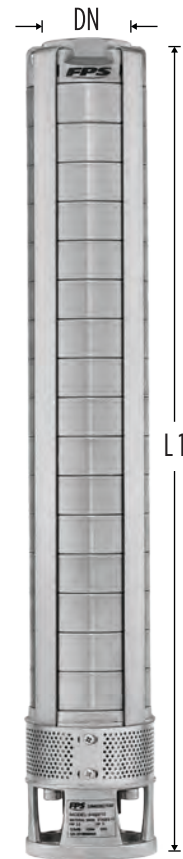


8SSI - PERFORMANCE CURVE

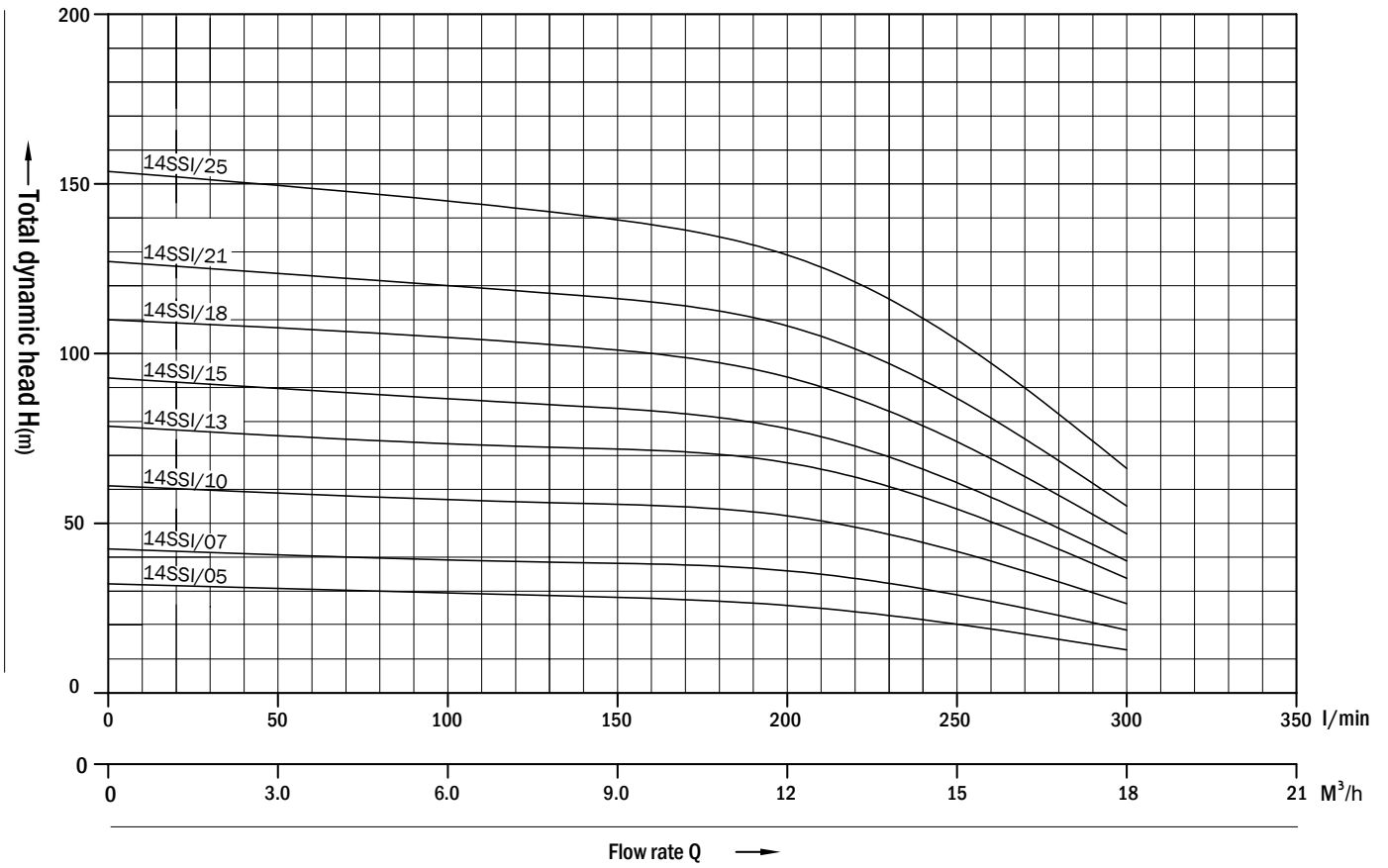
Model	Stages	Motor Power		m ³ /h	0.0	2.0	3.0	5.0	8.0	10.0
		kW	HP							
8SSI / 05	5	0.75	1	head/m	29	26	25	24	21	17
8SSI / 07	7	1.1	1.5		41	37	36	33	29	24
8SSI / 10	10	1.5	2		58	53	51	48	42	34
8SSI / 12	12	2	3		70	63	61	57	50	41
8SSI / 14	14	2	3		81	74	71	67	59	47
8SSI / 15	15	2	3		87	79	76	71	63	51
8SSI / 18	18	3	4		105	95	92	86	75	61
8SSI / 21	21	4	5.5		122	111	107	100	88	71
8SSI / 24	24	4	5.5		139	127	122	114	101	81
8SSI / 30	30	5.5	7.5		174	159	153	143	126	101
8SSI / 35	35	5.5	7.5		203	185	178	167	147	118
8SSI / 40	40	7.5	10		232	211	204	190	168	135
8SSI / 44	44	7.5	10		256	233	224	210	184	149

8SSI - WEIGHT & DIMENSION

Model	Stages	Power (kW)	Power (HP)	Discharge Size	Length (mm)	Weight (kg)
8SSI / 05	5	0.75	1	2"	405	4.8
8SSI / 07	7	1.1	1.5	2"	489	5.84
8SSI / 10	10	1.5	2	2"	615	7.4
8SSI / 12	12	2.2	3	2"	699	8.44
8SSI / 14	14	2.2	3	2"	783	9.48
8SSI / 15	15	2.2	3	2"	825	10
8SSI / 18	18	3	4	2"	951	11.56
8SSI / 21	21	4	5.5	2"	1077	13.12
8SSI / 24	24	4	5.5	2"	1203	14.68
8SSI / 30	30	5.5	7.5	2"	1455	17.8
8SSI / 35	35	5.5	7.5	2"	1665	20.4
8SSI / 40	40	7.5	10	2"	1875	23
8SSI / 44	44	7.5	10	2"	2043	25.08



14SSI - PERFORMANCE CURVE

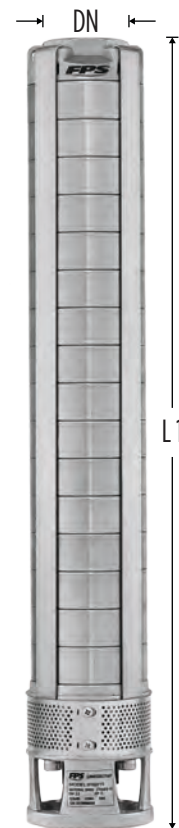


14SSI - PERFORMANCE CURVE

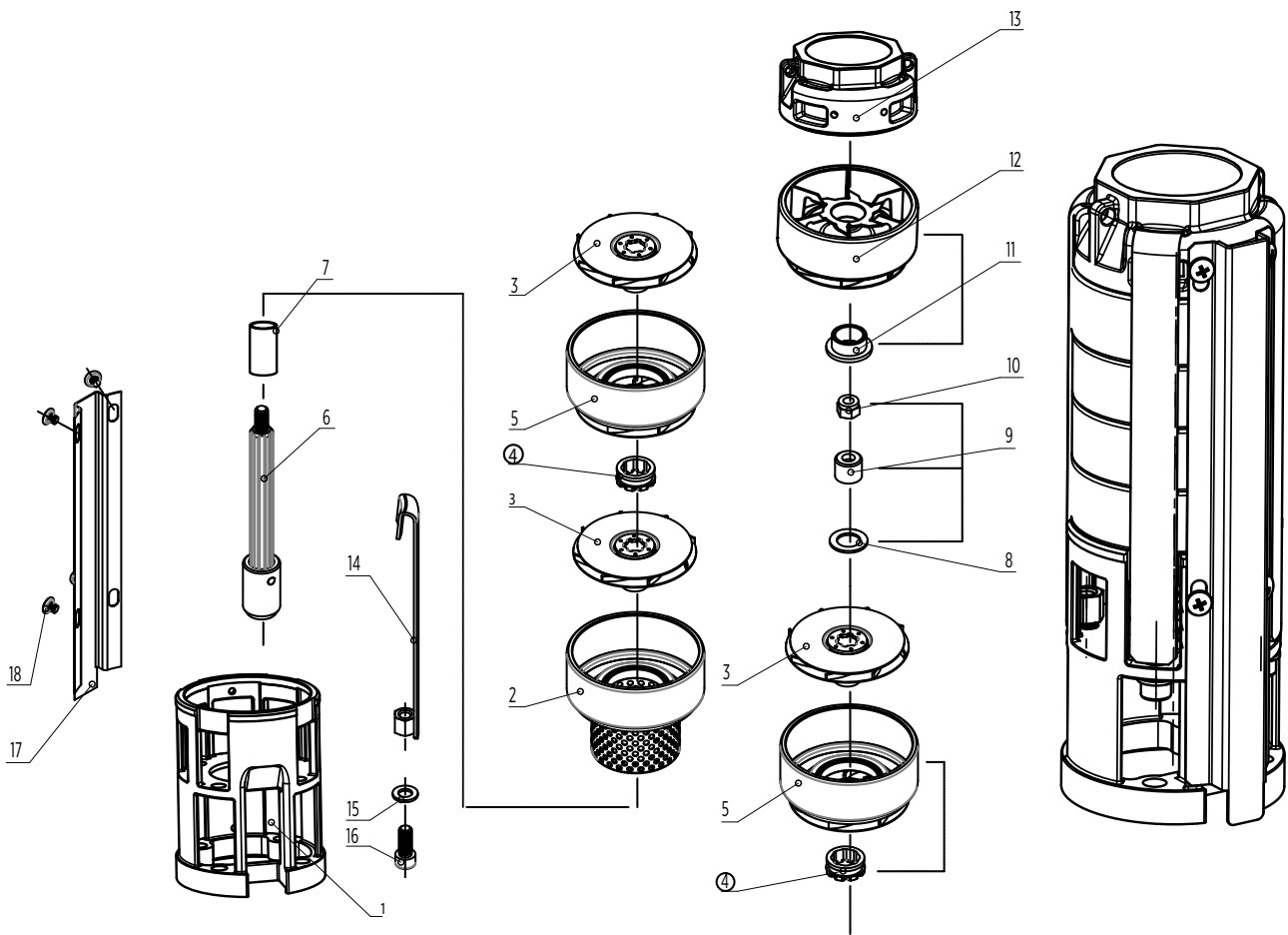
Model	Stages	Motor Power		m ³ /h	0.0	8.0	10.0	12.0	14.0	18.0
		kW	HP							
14SSI / 05	5	2	2	head/m	31	28	27	26	23	13
14SSI / 07	7	2	3		43	39	38	36	32	18
14SSI / 10	10	3	4		61	56	54	51	46	26
14SSI / 13	13	4	5.5		79	73	71	67	60	34
14SSI / 15	15	5.5	7.5		92	85	81	77	69	39
14SSI / 18	18	5.5	7.5		110	102	98	92	83	47
14SSI / 21	21	7.5	10		128	118	114	108	96	55
14SSI / 25	25	7.5	10		153	141	136	128	115	66

14SSI - WEIGHT & DIMENSION

Model	Stages	Power (kW)	Power (HP)	Discharge Size	Length (mm)	Weight (kg)
14SSI / 05	5	1.5	2	2"	520	5.2
14SSI / 07	7	2.2	3	2"	650	6.4
14SSI / 10	10	3	4	2"	845	8.2
14SSI / 13	13	4	5.5	2"	1040	10
14SSI / 15	15	5.5	7.5	2"	1170	11.2
14SSI / 18	18	5.5	7.5	2"	1365	13
14SSI / 21	21	7.5	10	2"	1560	14.8
14SSI / 25	25	7.5	10	2"	1820	17.2



PARTS LIST



NO.	Part Description	Material
1	Motor Bracket	SS 304
2	Suction strainer	SS 304
3	Impeller	SS 304
4	Shaft seal	NBR
5	Diffuser	SS 304
6	Shaft	SS 304
7	Sleeve	SS 304
8	Pump washer	SS 304
9	Retaining cap	SS 304
10	Locking nut	SS 304
11	Upper shaft seal	NBR
12	Top diffuser with check valve	SS 304
13	Discharge Head	SS 304
14	Pump strap	SS 304
15	Strap washer	SS 304
16	Hex socket head bolt	SS 304
17	Cable Guard	SS 304
18	Phillips screw	SS 304



Franklin Electric

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