

# DEEP WELL PUMP

*The number of impeller stages covers 7-38 stages  
to meet the head requirements of different use environments*



# SEM DEEP WELL PUMP

ZHEJIANG GRANDFAR PUMP INDUSTRY CO., LTD  
E-MAIL:INFO@GRANDFARGROUP.COM



Product  
Info



# DEEP WELL PUMP

## PRODUCT SERIES



- Built-in capacitor, the capacitor is installed in the motor cavity
- The Outlet/Connection can be made by brass/stainless steel/cast iron.



DOMESTIC WATER



HIGH-RISE WATER SUPPLY



DEEP WELL WATER INTAKE

# SEM

## DEEP WELL PUMP

The deep well pump has the advantages of simple structure, high unit efficiency, low noise, safe and reliable operation, convient installation and maintenance.



**SEM**

DEEP WELL PUMP

## DEEP WELL PUMP

Suitable for use with clean water with a sand content of no more than 150g/m<sup>3</sup>. 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 on fire-fighting sets, etc.



### Model instruction

3 SE m 1.8 / 7 T

T: cast iron outlet and connection  
S: stainless steel outlet and connection  
Normal model: brass outlet and connection

Number of Impeller

Rated flow

m: Single Phase Motor

SE: Product code  
Built-in capacitor

Pump diameter: 3"

#### Pump configuration

- Pump body: Stainless steel;
- Impeller: Plastic POM;
- Motor shaft: 45# steel or 304 stainless steel;
- Mechanical seal: Ceramic-graphite or Sic to graphite;

#### Pump Features

- High temperature resistance and good sealing
- Excellent anti-sand and anti-wear performance
- The separate design of the motor and the pump body
- Low noise, No leakage.

#### Application Limits

- The volume ratio of solid impurities in the medium is not more than 0.25%
- Maximum liquid temperature + 40 °C;
- The PH value of the medium is between 6.5-8.5;

## TECHNICAL SPECIFICATIONS

Max.Power

Up to 2.2kW

Max.Flow

400 l/min

Max.Head

283 m

Max Depth

120 m

Maximum Liquid temperature

+40°C

# INTRODUCTION: 6 ADVANTAGES

The Split type design of motor and pump, which is convenient for maintenance and repair, and the overall outer cylinder structure, which can prevent water leakage between stages and ensure efficient running of the pump



Protection: IP 68



Insulation: Class B



Overload protection



Low-noise operation



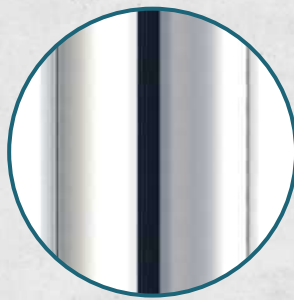
Energy efficient



Easy maintenance

# INTRODUCTION: STAINLESS STEEL

Motor, pump body and fasteners are all made of high-grade stainless steel, beautiful and elegant, corrosion-resistant and durable.



## STAINLESS STEEL, RUST-FREE



# INTRODUCTION: PUMP CONFIGURATION

The motor has a built-in large compensation volume regulating oil bladder, when the pressure inside the motor cavity changes due to the rise of the motor running oil temperature, the pressure inside and outside the motor cavity is automatically adjusted by the regulating oil bladder to make it reach a balance and expand the diving range of the motor.



**304 stainless steel shaft**  
High precision machining,  
smooth running, good durability.



**Stainless steel strainer**  
Dense strainer mesh for effective  
filtration of impurities such as water  
plants and silt.



**Pressure regulating oil bladder**  
Balanced internal and external  
pressure to protect motor running  
temperature



**Floating impeller**  
To make pumps with excellent sand  
and wear resistance.

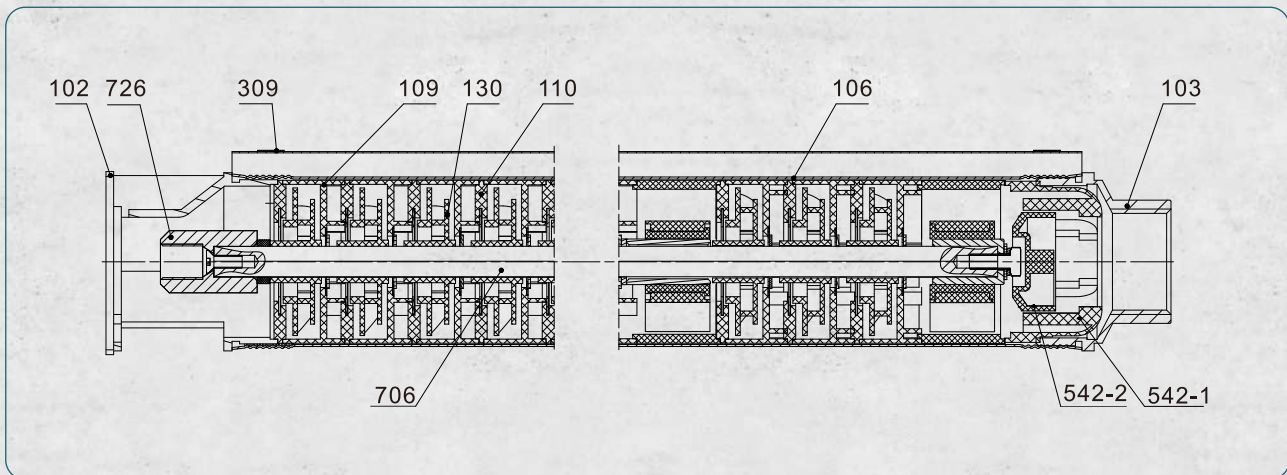


**Copper wire motor**  
Copper wire coil,  
cold rolled silicon steel sheet



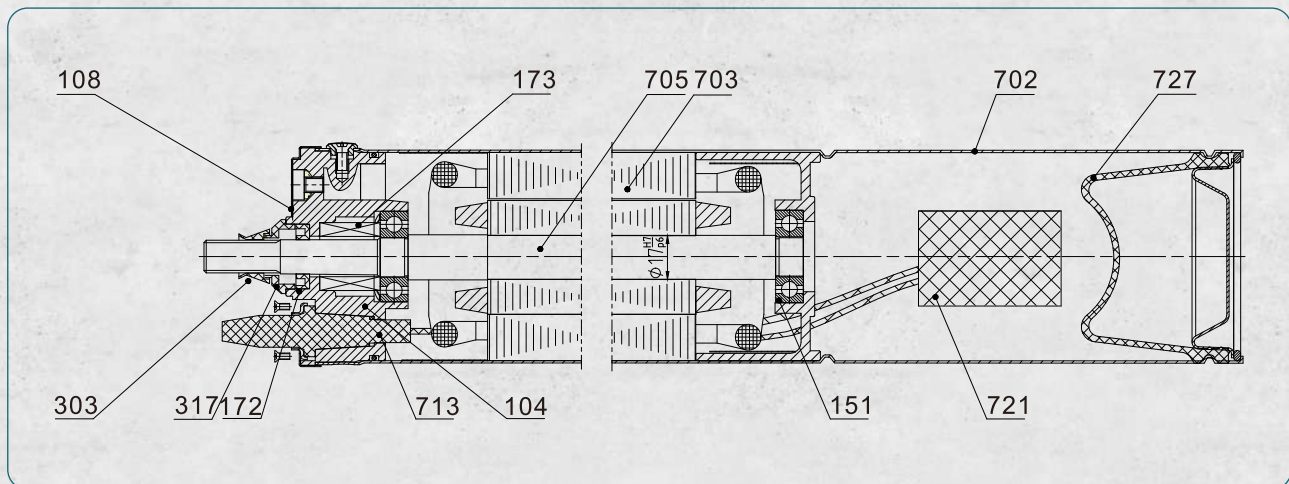
**Skeleton oil seal**  
Good sealing performance,  
good durability,  
good spring anti-rust performance.

# INTRODUCTION: PUMP BODY CONFIGURATION



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
102	WATER INLET JOINT	Cast iron or brass
103	OUTLET	Cast iron or brass
106	PUMP CASING	Stainless steel
109	GUIDE VANE	PC and stainless steel insert
110	GUIDE VANE COVER	PC and stainless steel insert
130	IMPELLER	Plastic POM
309	CABLE PROTECTOR	For fixing cable
542-1	CHECK VALVE SEAT	Load-bearing check valves
542-2	CHECK VALVE	Prevent water impact and sediment backflow
706	PUMP SHAFT	Stainless steel or 45# steel
726	COUPLING	Connect the pump body and motor

# INTRODUCTION: PUMP MOTOR CONFIGURATION



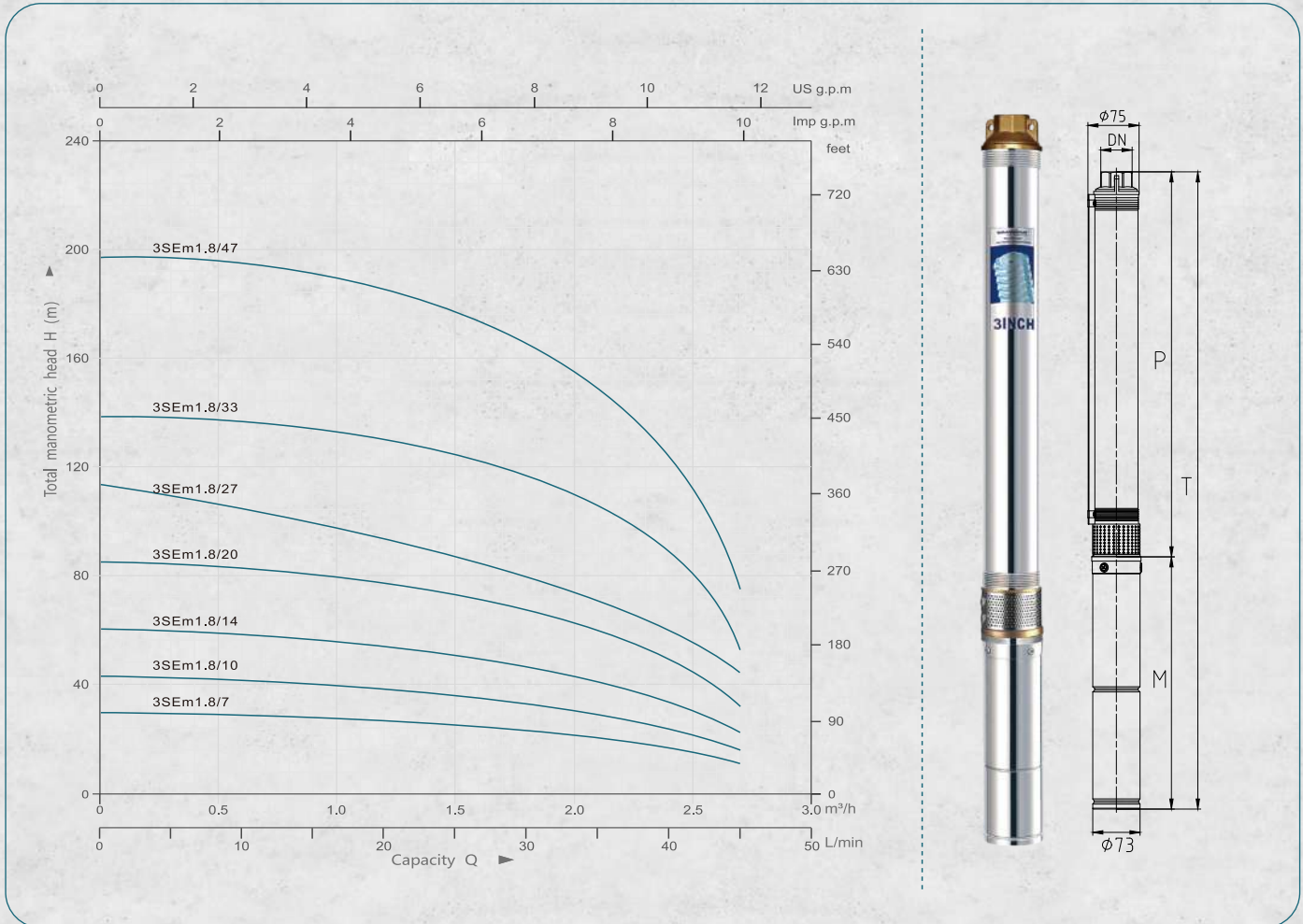
POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
104	OIL CHAMBER	1. Bearing, skeleton oil seal, mechanical seal carrier 2. Pump body load-bearing carrier 3. Motor sealing carrier
108	OIL CHAMBER COVER	Protects the oil chamber and against sand
151	BEARING	Deep groove ball bearings
172	SKELETON OIL SEAL	Dustproof parts of motor
173	MECHANICAL SEAL	Ceramic- graphite or Sic to graphite
303	WATER THROWING RING	Anti-sand assembly
317	SAND CONTROL SEAT	Anti-sand assembly
702	BARREL	Stainless steel
703	STATOR	Stator core with winding
705	ROTOR	Stainless steel or 45# steel
713	CABLE	100% copper wire core, One-piece vulcanized joint
721	CAPACITOR	Electronic Components
727	PRESSURE REGULATING MEMBRANE	Pressure regulating oil bladder, balanced internal and external pressure



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

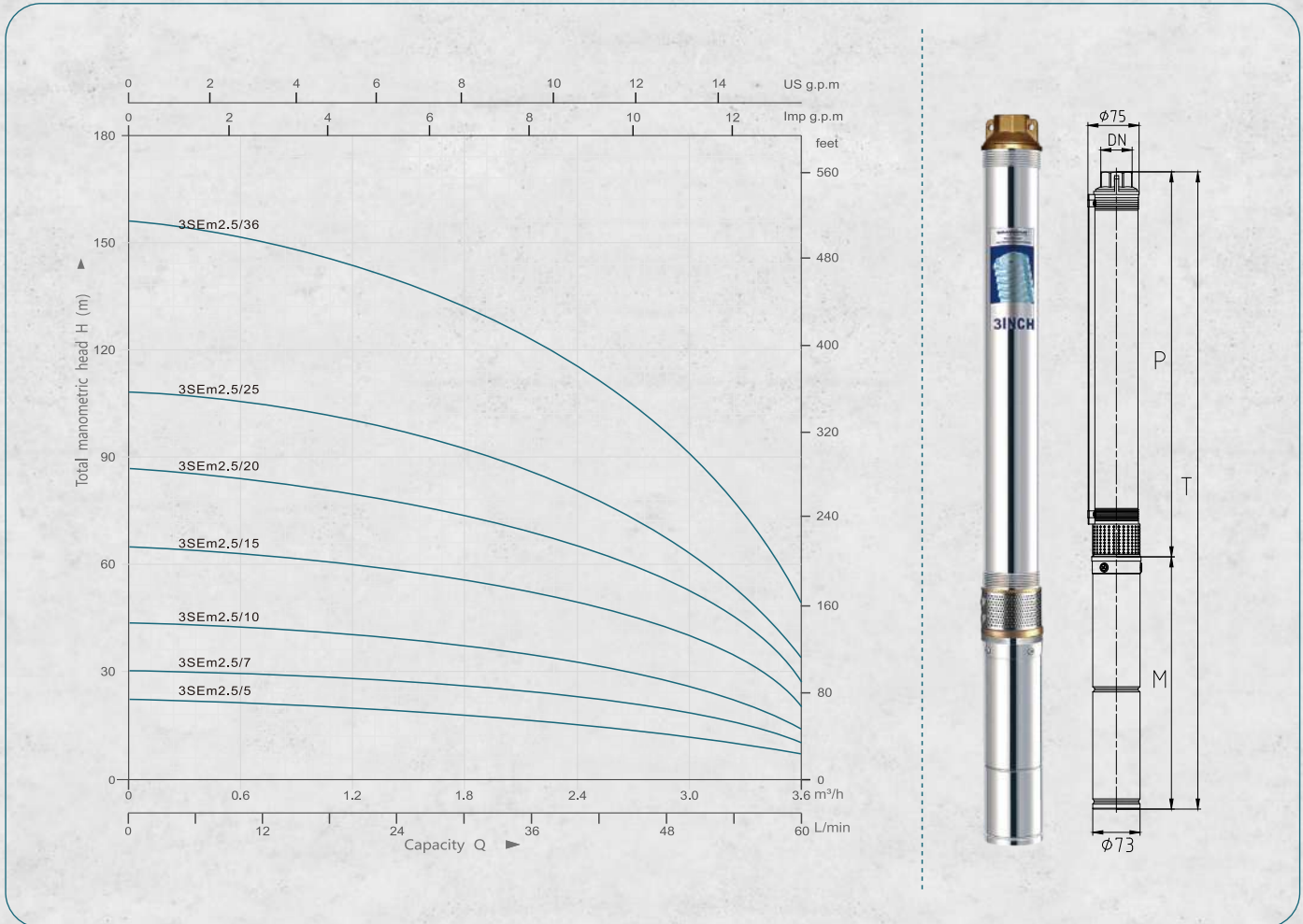
Model	Power	Q(m³/h)	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	M	P	T	Size
	kW	Q(L/min)	0	10	15	20	25	30	35	40	45	mm	mm	mm	Inch
3SEm1.8/7(T)	0.18	H(m)	30	28	27	27	26	23	20	16	11	331	330	661	1"/1¼"
3SEm1.8/10(T)	0.25		43	41	40	39	36	33	29	23	16	341	397	738	1"/1¼"
3SEm1.8/14(T)	0.37		60	57	56	54	52	46	40	31	23	386	487	873	1"/1¼"
3SEm1.8/20(T)	0.55		85	81	79	78	69	66	52	36	32	416	646	1062	1"/1¼"
3SEm1.8/27(T)	0.75		113	108	98	94	90	85	58	48	44	456	804	1259	1"/1¼"
3SEm1.8/33(T)	1.1		138	136	134	130	114	108	86	59	53	538	963	1501	1"/1¼"
3SEm1.8/47(T)	1.5		197	193	190	185	162	155	122	85	75	628	1302	1930	1"/1¼"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

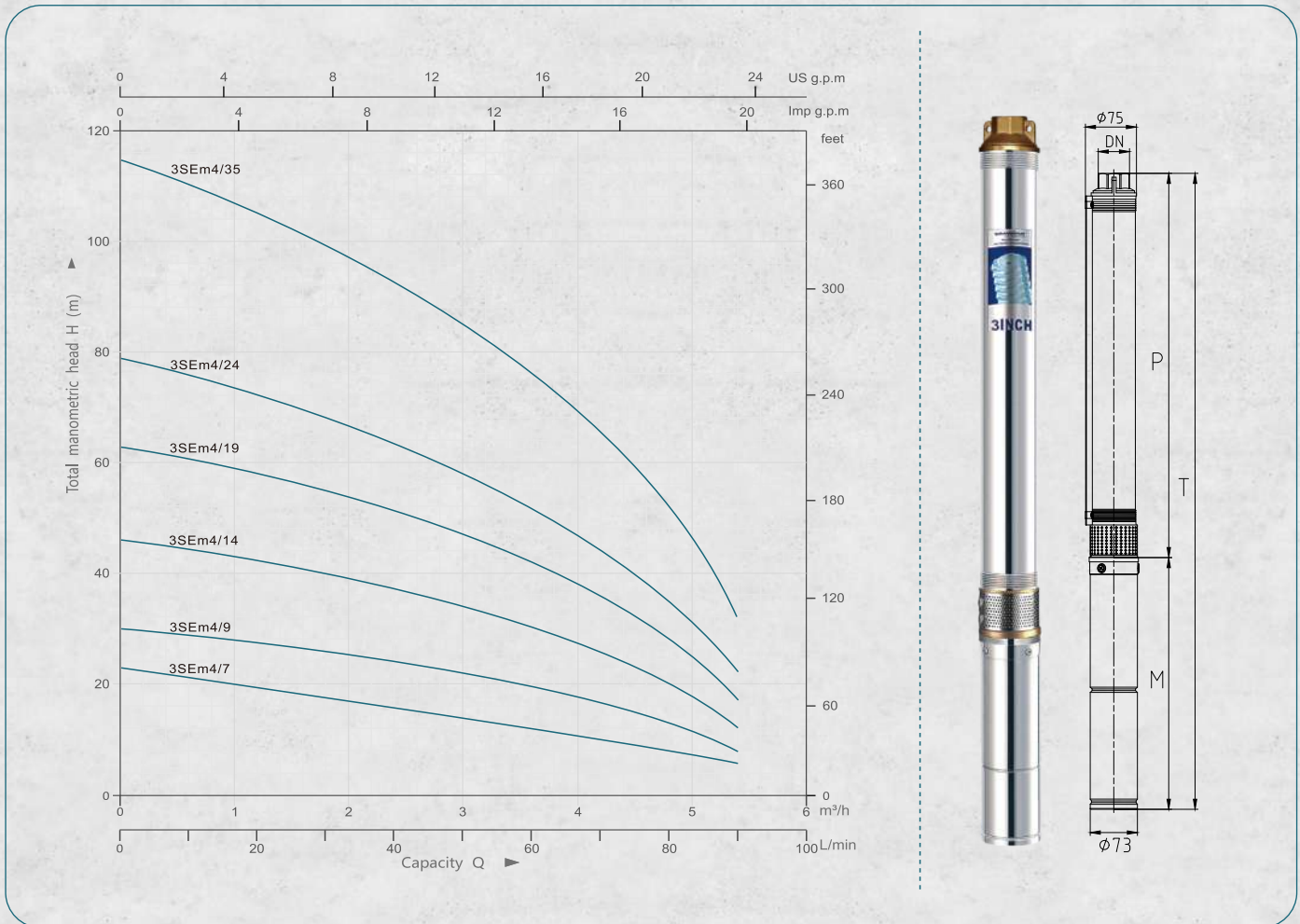
Model	Power kW	Q(m³/h) Q(L/min)	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	M mm	P mm	T mm	Size Inch
			0	10	15	20	25	30	35	40	45	50	55	60				
3SEm2.5/5(T)	0.18	H(m)	22	21	20	20	19	18	17	16	14	12	10	7	331	303	634	1"/1¼"
3SEm2.5/7(T)	0.25		30	29	29	28	27	26	24	22	20	17	14	10	341	355	696	1"/1¼"
3SEm2.5/10(T)	0.37		43	42	41	40	38	37	34	32	28	24	20	14	386	434	819	1"/1¼"
3SEm2.5/15(T)	0.55		65	63	61	60	57	55	52	47	42	37	30	20	416	564	980	1"/1¼"
3SEm2.5/20(T)	0.75		87	83	82	79	77	73	69	63	57	49	39	27	456	719	1174	1"/1¼"
3SEm2.5/25(T)	1.1		108	103	102	99	96	92	86	79	71	61	49	34	538	850	1388	1"/1¼"
3SEm2.5/36(T)	1.5		156	148	147	143	138	132	124	114	102	88	71	49	628	1161	1789	1"/1¼"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

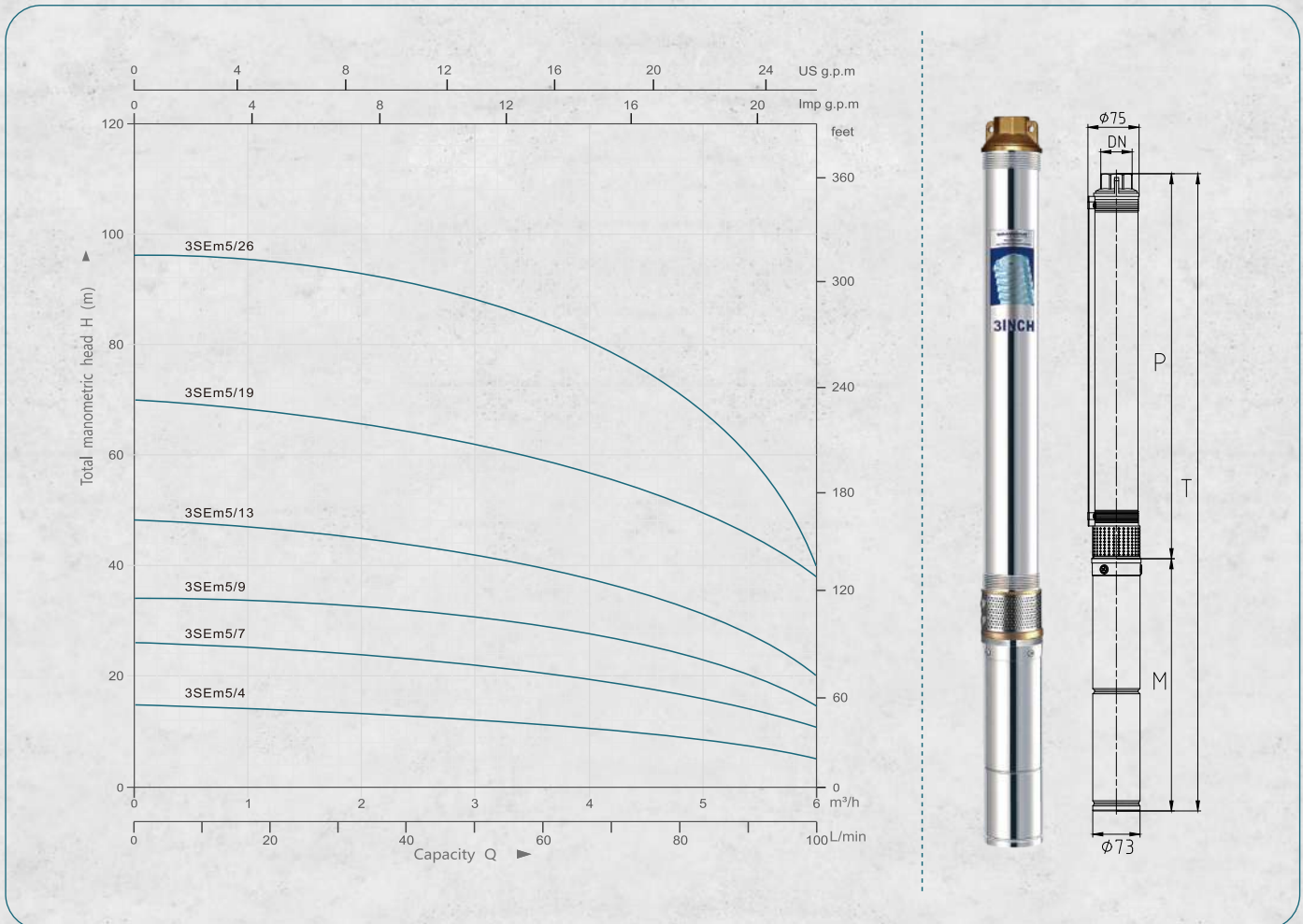
Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	M	P	T	Size
	kW	Q(L/min)	0	10	20	30	40	50	60	70	80	90				
3SEm4/7(T)	0.25	H(m)	23	18	17	16	15	14	12	9	8	5	341	452	793	1"1/4"11/2"
3SEm4/9(T)	0.37		30	28	27	26	24	22	19	15	12	8	386	523	908	1"1/4"11/2"
3SEm4/14(T)	0.55		46	44	42	40	37	34	30	24	19	12	416	736	1152	1"1/4"11/2"
3SEm4/19(T)	0.75		63	61	57	54	50	47	41	34	27	17	456	913	1369	1"1/4"11/2"
3SEm4/24(T)	1.1		79	77	72	68	64	58	52	43	35	22	538	1091	1629	1"1/4"11/2"
3SEm4/35(T)	1.5		115	112	105	99	93	85	76	63	51	32	628	1517	2145	1"1/4"11/2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

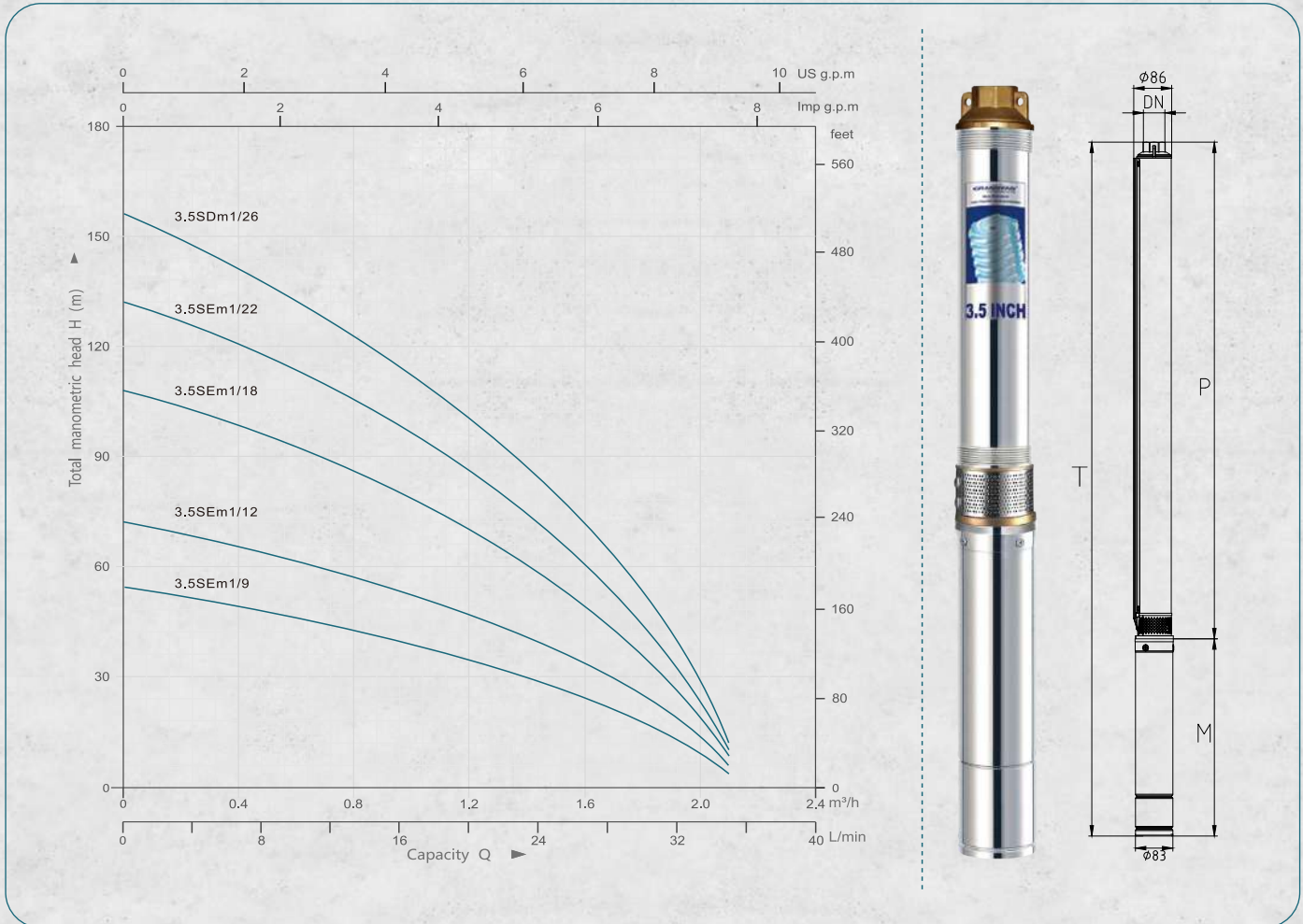
Model	Power	Q(m³/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	M	P	T	Size
	kW	Q(L/min)	0	20	30	40	50	60	70	80	90	100				
3SEm5/4(T)	0.25	H(m)	15	14	13	13	12	11	11	10	7	5	341	371	712	1"/1¼"/1½"
3SEm5/7(T)	0.37		26	25	24	23	22	21	20	18	12	11	386	497	883	1"/1¼"/1½"
3SEm5/9(T)	0.55		34	33	33	32	31	30	28	25	22	15	416	581	997	1"/1¼"/1½"
3SEm5/13(T)	0.75		48	46	45	43	42	40	36	35	32	20	456	749	1205	1"/1¼"/1½"
3SEm5/19(T)	1.1		70	69	68	64	62	60	58	52	46	38	538	1037	1575	1"/1¼"/1½"
3SEm5/26(T)	1.5		96	94	93	90	88	86	80	74	63	40	628	1331	1959	1"/1¼"/1½"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

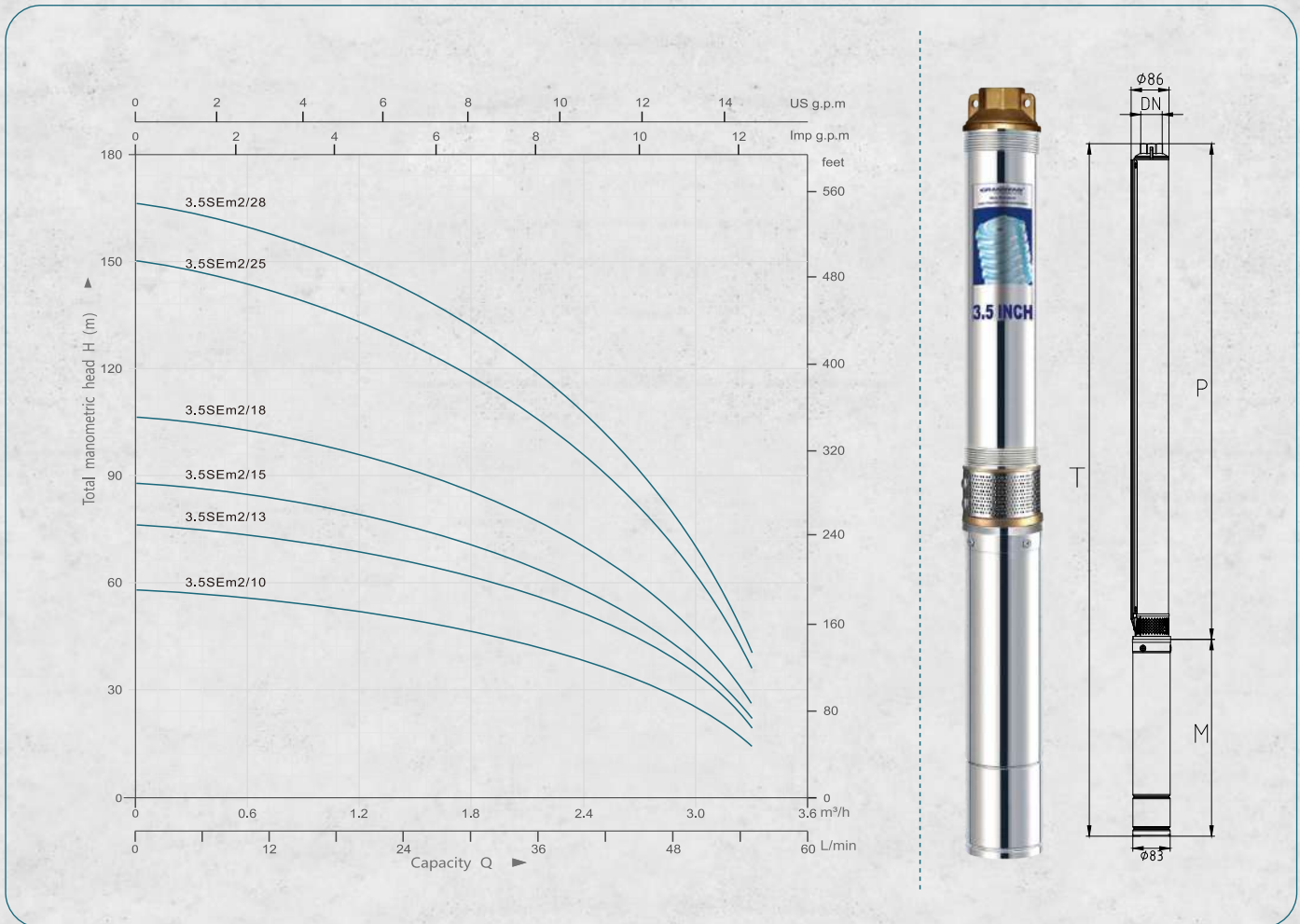
Model	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	M	P	T	Size
	kW	Q(L/min)	0	5	10	15	20	25	30	35				
3.5SEm1/9(T)	0.37	H(m)	54	51	45	40	35	24	16	4	367.5	397.5	765	1¼"/1½"
3.5SEm1/12(T)	0.55		72	68	60	53	47	32	21	6	392.5	475.5	868	1¼"/1½"
3.5SEm1/18(T)	0.75		108	102	90	80	70	48	32	8	417.5	631.5	1049	1¼"/1½"
3.5SEm1/22(T)	1.1		132	125	110	98	86	59	39	10	437.5	767.5	1205	1¼"/1½"
3.5SEm1/26(T)	1.5		156	147	130	116	101	69	46	12	477.5	871.5	1349	1¼"/1½"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

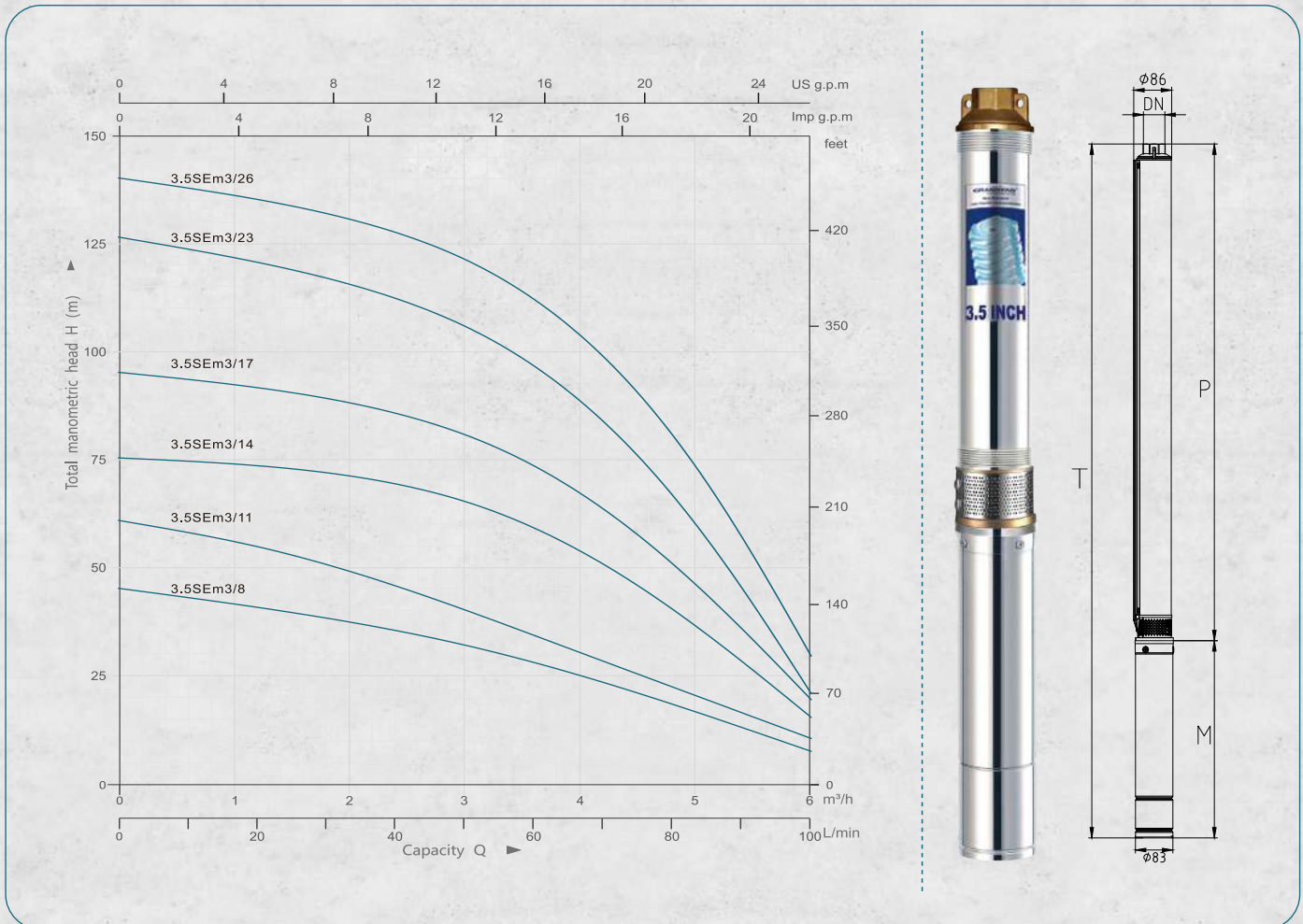
Model	Power	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	M	P	T	Size
	kW	Q(L/min)	0	5	10	15	20	25	30	35	40	45	50	55				
3.5SEm2/10(T)	0.37	H(m)	58	59	58	57	54	51	47	42	37	30	23	14	367.5	453.5	820	1¼"/1½"
3.5SEm2/13(T)	0.55		76	77	76	74	71	67	61	55	48	40	30	19	392.5	531.5	924	1¼"/1½"
3.5SEm2/15(T)	0.9		88	89	88	85	82	77	71	64	55	46	35	22	417.5	584.5	1002	1¼"/1½"
3.5SEm2/18(T)	1.1		107	107	105	102	98	92	85	76	66	55	42	26	437.5	694	1131.5	1¼"/1½"
3.5SEm2/25(T)	1.5		150	148	146	142	136	128	118	106	92	76	58	36	477.5	879	1356.5	1¼"/1½"
3.5SEm2/28(T)	1.8		166	166	164	159	152	143	132	119	103	85	65	40	507.5	988.5	1496	1¼"/1½"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

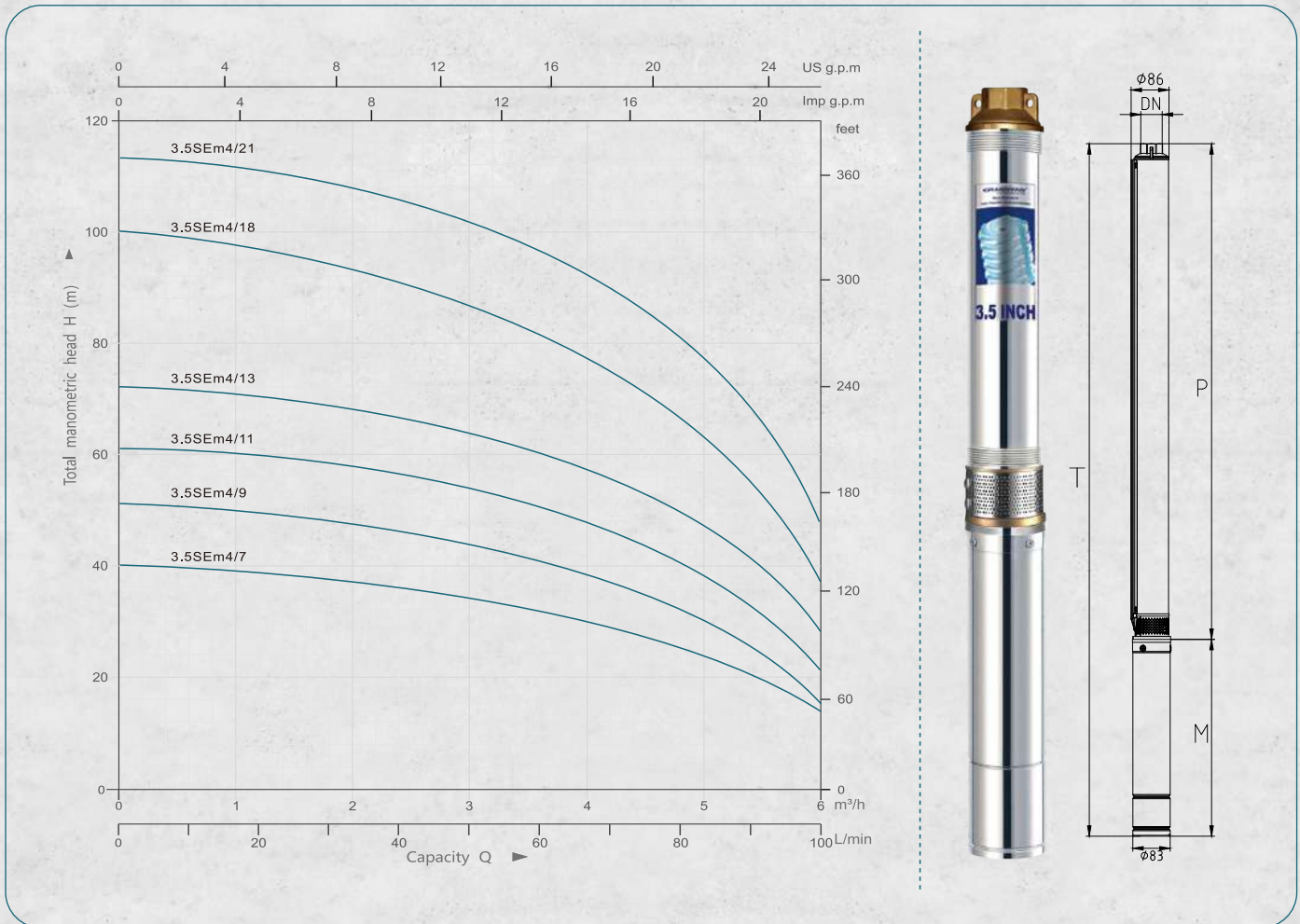
Model	Power kW	Q(m³/h) Q(L/min)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	T mm	T mm	T mm	Size Inch
			0	10	20	30	40	50	60	70	80	90	100				
3.5SEm3/8(T)	0.37	H(m)	45	44	43	42	36	32	27	23	18	12	8	367.5	419	786.5	1¼"/1½"
3.5SEm3/11(T)	0.55		61	58	56	46	43	38	36	30	21	16.5	11	392.5	506	898.5	1¼"/1½"
3.5SEm3/14(T)	0.75		76	75	74	72	70	66	60	52	40	28	16	417.5	592.5	1000	1¼"/1½"
3.5SEm3/17(T)	1.1		94	92	91	90	86	83	75	65	50	33	20	437.5	709.5	1147	1¼"/1½"
3.5SEm3/23(T)	1.5		126	122	120	117	110	106	96	82	65	40	21	477.5	883	1360.5	1¼"/1½"
3.5SEm3/26(T)	1.8		140	138	135	132	130	124	112	98	78	52	30	507.5	970	1477.5	1¼"/1½"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

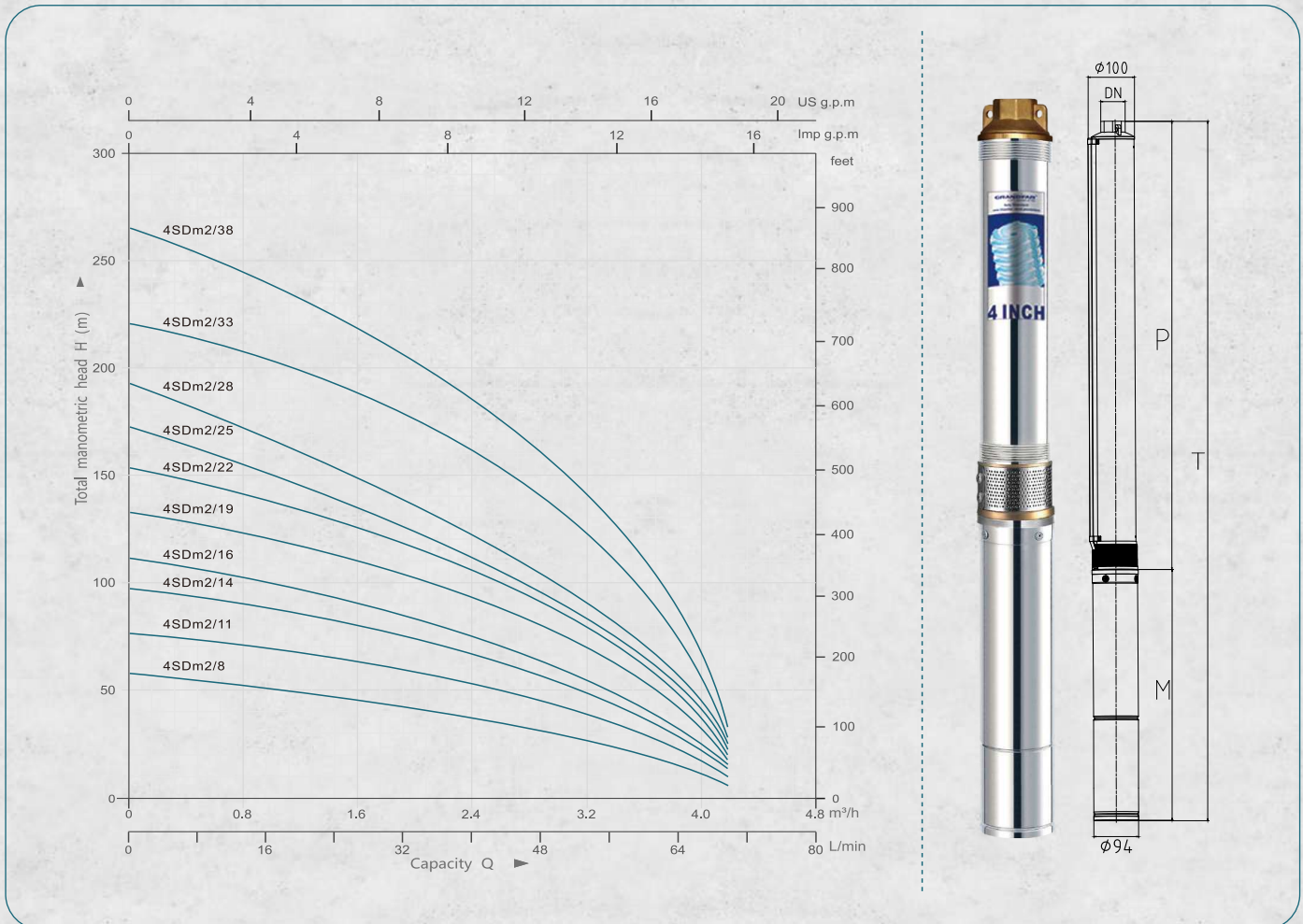
Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	M	P	T	Size
	kW	Q(L/min)	0	10	20	30	40	50	60	70	80	90	100	mm	mm	mm	Inch
3.5SEm4/7(T)	0.37	H(m)	40	39	38	37	36	34	32	30	24	22	14	367.5	390.5	758	1¼"/1½"
3.5SEm4/9(T)	0.55		51	50	48	47	46	44	41	38	32	24	15	392.5	448	840.5	1¼"/1½"
3.5SEm4/11(T)	0.75		61	60	59	58	57	54	51	47	40	32	21	417.5	506	913.5	1¼"/1½"
3.5SEm4/13(T)	1.1		72	71	69	68	66	64	60	54	48	39	28	437.5	564	1001.5	1¼"/1½"
3.5SEm4/18(T)	1.5		100	97	95	93	92	87	82	76	65	53	37	477.5	738.5	1216	1¼"/1½"
3.5SEm4/21(T)	1.5		113	111	109	107	106	102	96	88	77	63	48	507.5	825	1332.5	1¼"/1½"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

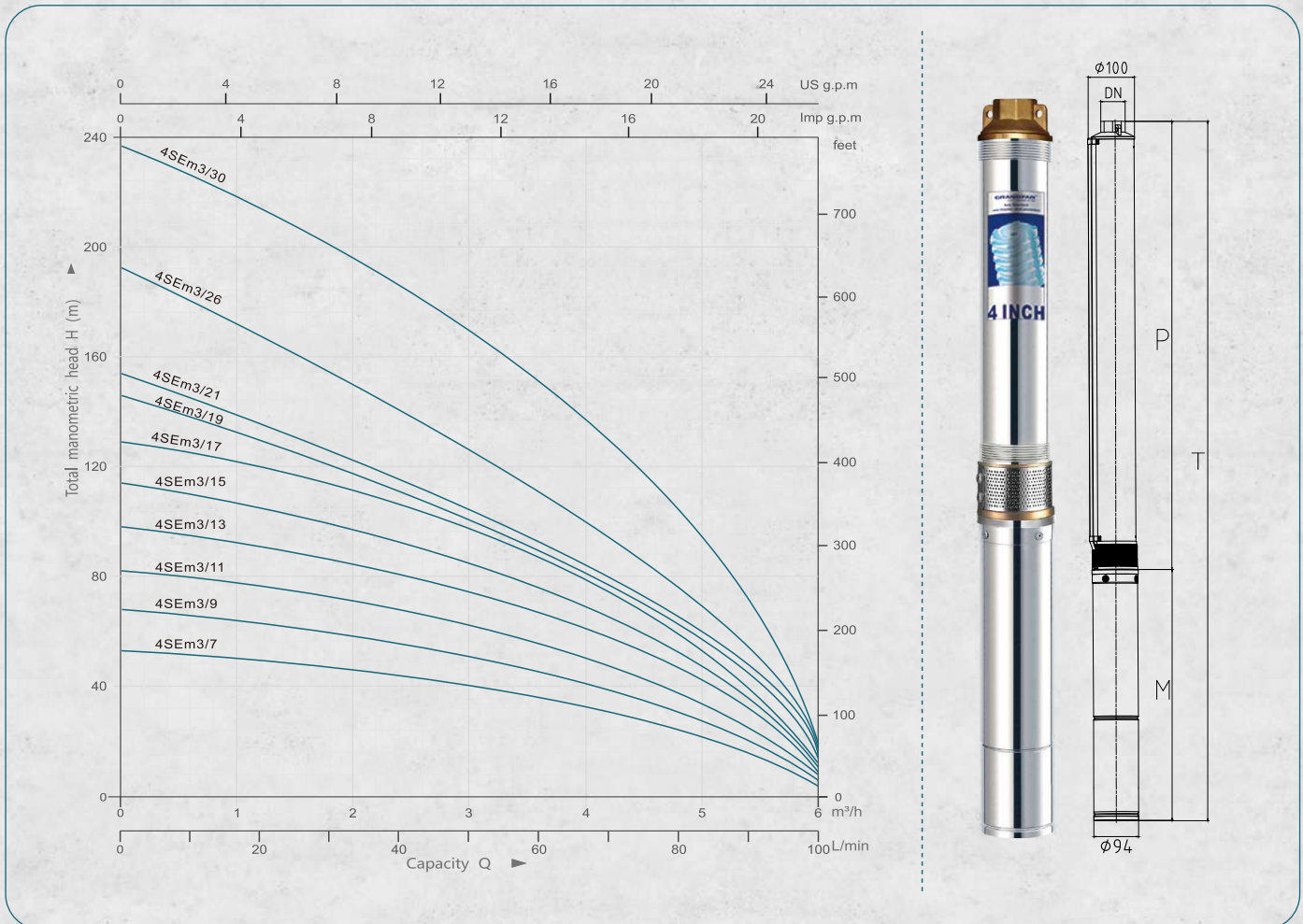
Model	Power	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	M	P	T	Size
	kW	Q(L/min)	0	10	20	30	40	50	60	70				
4SEm2/8(T)	0.37	H(m)	58	55	52	46	38	27	18	6	340	425	766	1¼"/1½"/2"
4SEm2/11(T)	0.55		77	75	69	62	53	42	25	10	360	500	860	1¼"/1½"/2"
4SEm2/14(T)	0.75		98	92	87	79	68	55	31	14	380	574	954	1¼"/1½"/2"
4SEm2/16(T)	0.75		111	103	97	88	75	60	36	16	380	655	1035	1¼"/1½"/2"
4SEm2/19(T)	1.1		132	125	118	107	93	73	43	18	415	729	1144	1¼"/1½"/2"
4SEm2/22(T)	1.1		153	144	136	124	107	79	50	20	415	803	1218	1¼"/1½"/2"
4SEm2/25(T)	1.5		172	158	145	132	112	89	60	23	475	877	1352	1¼"/1½"/2"
4SEm2/28(T)	1.5		193	182	170	155	132	108	70	25	475	952	1427	1¼"/1½"/2"
4SEm2/33(T)	2.2		230	218	203	187	161	125	83	28	540	1107	1647	1¼"/1½"/2"
4SEm2/38(T)	2.2		265	251	234	215	185	144	95	33	540	1263	1803	1¼"/1½"/2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

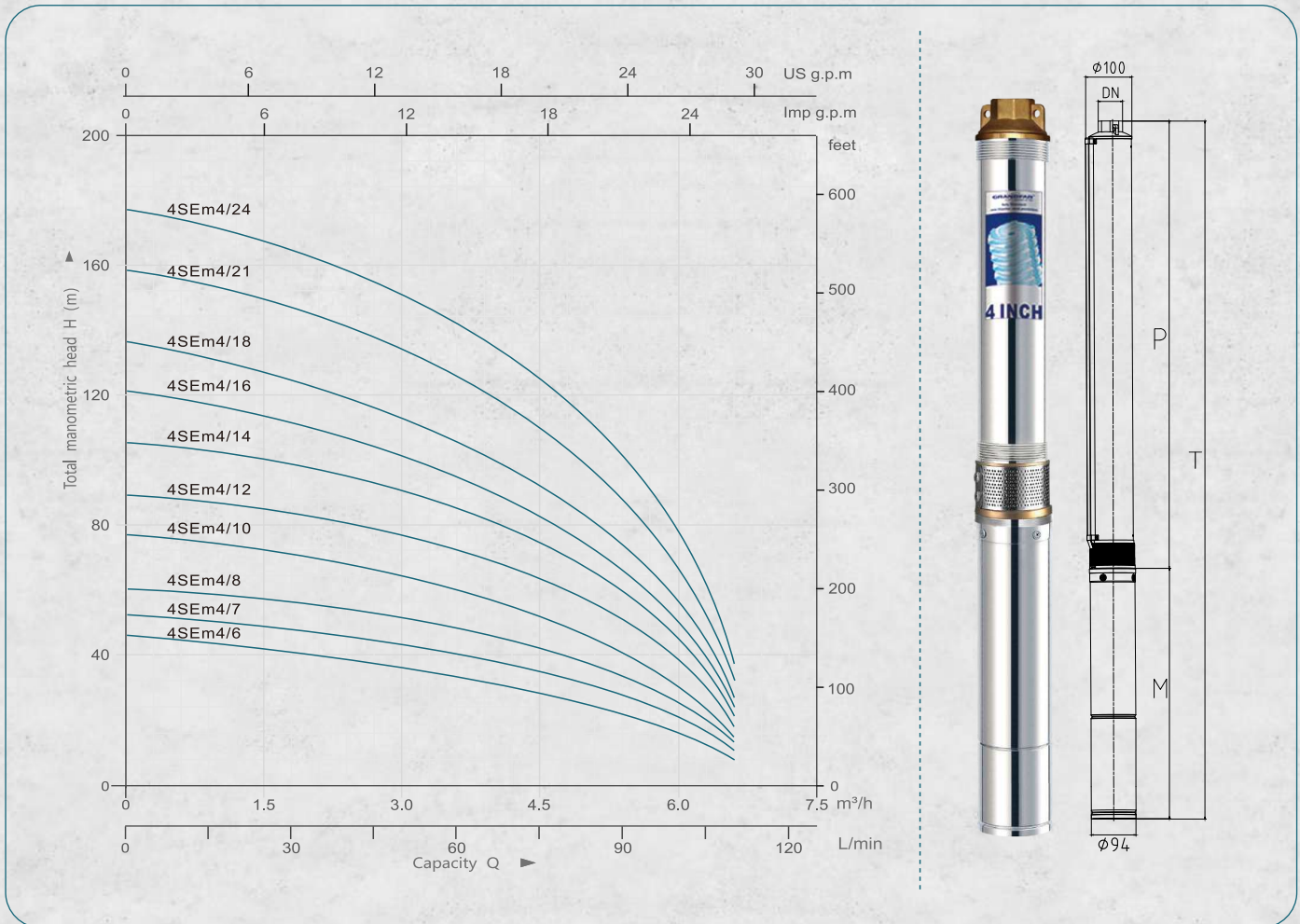
Model	Power kW	Q(m³/h) Q(L/min)	0	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	M	P	T	Size Inch
			0	30	40	50	60	70	80	90	100				
4SEm3/7(T)	0.37	H(m)	53	46	42	40	34	28	22	13	4	340	409	750	1¼"/1½"/2"
4SEm3/9(T)	0.55		68	59	54	51	44	36.3	29	17	6	360	462	822	1¼"/1½"/2"
4SEm3/11(T)	0.75		82	73	66	62	54	44	35	21	8	380	514	894	1¼"/1½"/2"
4SEm3/13(T)	0.75		98	85	78	74	63	53	42	24	9	380	566	946	1¼"/1½"/2"
4SEm3/15(T)	1.1		114	98	90	85	73	61	48	28	11	415	649	1064	1¼"/1½"/2"
4SEm3/17(T)	1.1		129	111	102	97	83	69	54	32	12	415	701	1116	1¼"/1½"/2"
4SEm3/19(T)	1.5		144	123	114	100	85	77	60	36	13	475	753	1228	1¼"/1½"/2"
4SEm3/21(T)	1.5		154	128	118	104	88	85	67	39	15	475	805	1280	1¼"/1½"/2"
4SEm3/26(T)	2.2		192	154	140	126	110	105	83	49	18	540	935	1475	1¼"/1½"/2"
4SEm3/30(T)	2.2		227	196	180	170	146	121	95	56	21	540	1071	1611	1¼"/1½"/2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

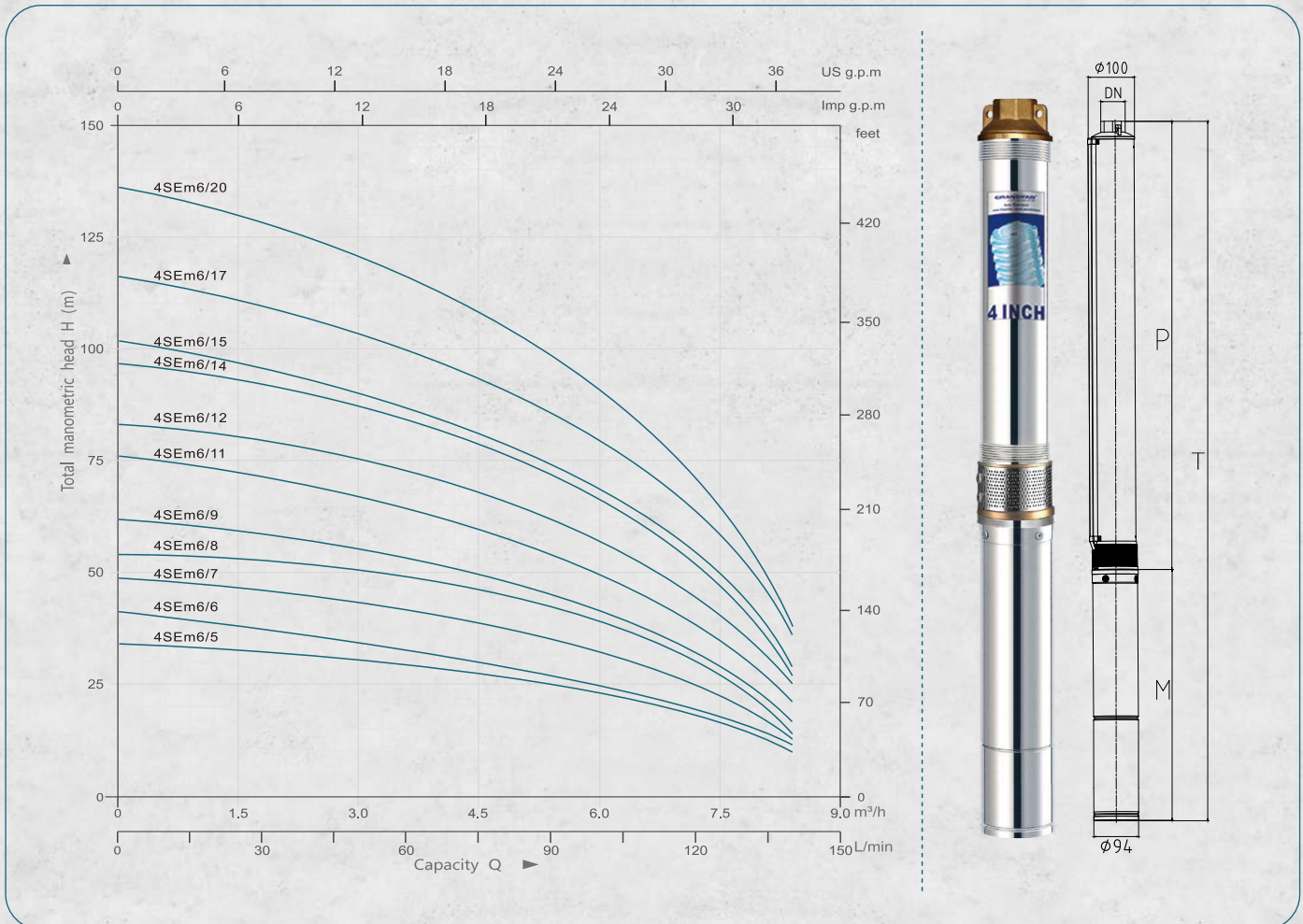
Model	Power	Q(m³/h)	0	0.6	2.4	3	3.6	4.2	4.8	5.4	6	6.6	M	P	T	Size
	kW	Q(L/min)	0	10	40	50	60	70	80	90	100	110				
4SEm4/6(T)	0.37	H(m)	46	42	41	36	33	28	24	18	10	8	340	399	739	1¼"/1½"/2"
4SEm4/7(T)	0.55		52	48	46	43	40	36	30	24	18	11	360	427	787	1¼"/1½"/2"
4SEm4/8(T)	0.75		60	55	53	51	48	44	39	32	24	13	380	456	836	1¼"/1½"/2"
4SEm4/10(T)	0.75		75	69	67	64	60	56	48	40	32	15	380	513	893	1¼"/1½"/2"
4SEm4/12(T)	1.1		89	84	81	78	72	66	59	48	36	18	415	570	985	1¼"/1½"/2"
4SEm4/14(T)	1.1		105	99	95	92	85	78	70	55	44	21	415	627	1042	1¼"/1½"/2"
4SEm4/16(T)	1.5		121	113	107	102	95	84	74	58	46	24	475	716	1191	1¼"/1½"/2"
4SEm4/18(T)	1.5		136	126	121	117	105	96	84	70	50	27	475	773	1248	1¼"/1½"/2"
4SEm4/21(T)	2.2		159	148	142	133	126	112	96	80	56	32	540	858	1398	1¼"/1½"/2"
4SEm4/24(T)	2.2		177	164	158	151	144	130	110	95	74	37	540	944	1484	1¼"/1½"/2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

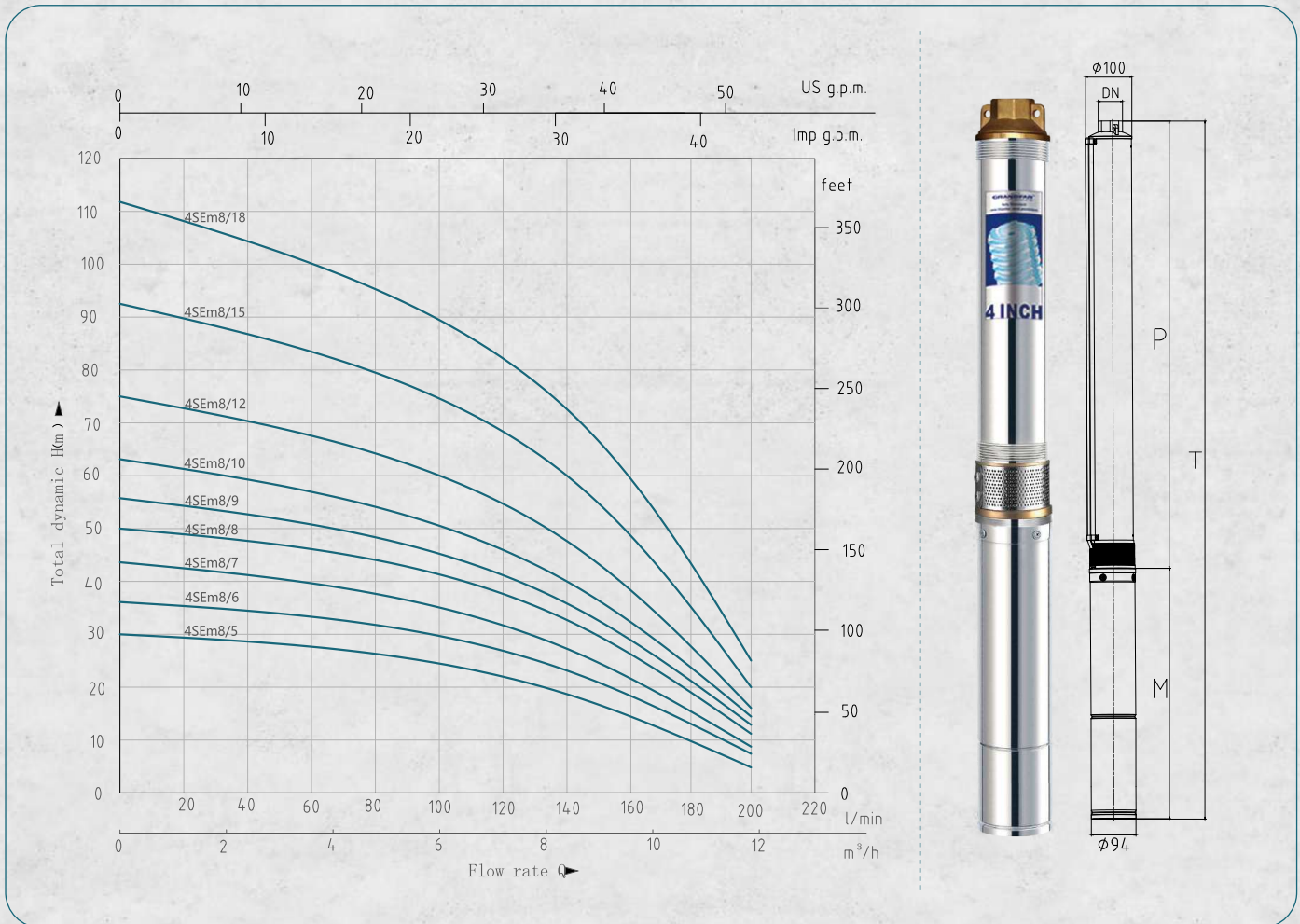
Model	Power	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	M	P	T	Size
	kW	Q(L/min)	0	20	40	60	80	100	120	140				
4SEm6/5(T)	0.37	H(m)	34	33	32	30	27	23	18	10	340	400	740	1½"/2"
4SEm6/6(T)	0.55		41	39	36	34	29	24	19	12	360	434	794	1½"/2"
4SEm6/7(T)	0.75		49	46	44	41	38	32	23	13	380	469	849	1½"/2"
4SEm6/8(T)	0.75		54	52	50	46	40	33	22	14	380	503	883	1½"/2"
4SEm6/9(T)	1.1		62	59	56	52	48	39	30	17	415	538	953	1½"/2"
4SEm6/11(T)	1.1		76	72	70	64	58	50	38	21	415	607	1022	1½"/2"
4SEm6/12(T)	1.5		83	79	75	72	66	54	45	25	415	642	1057	1½"/2"
4SEm6/14(T)	1.5		97	93	89	84	77	60	50	27	475	711	1186	1½"/2"
4SEm6/15(T)	1.5		102	99	94	87	79	65	51	29	475	777	1252	1½"/2"
4SEm6/17(T)	2.2		116	111	107	100	91	78	59	36	540	846	1386	1½"/2"
4SEm6/20(T)	2.2		136	131	125	115	105	86	67	38	540	949	1489	1½"/2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

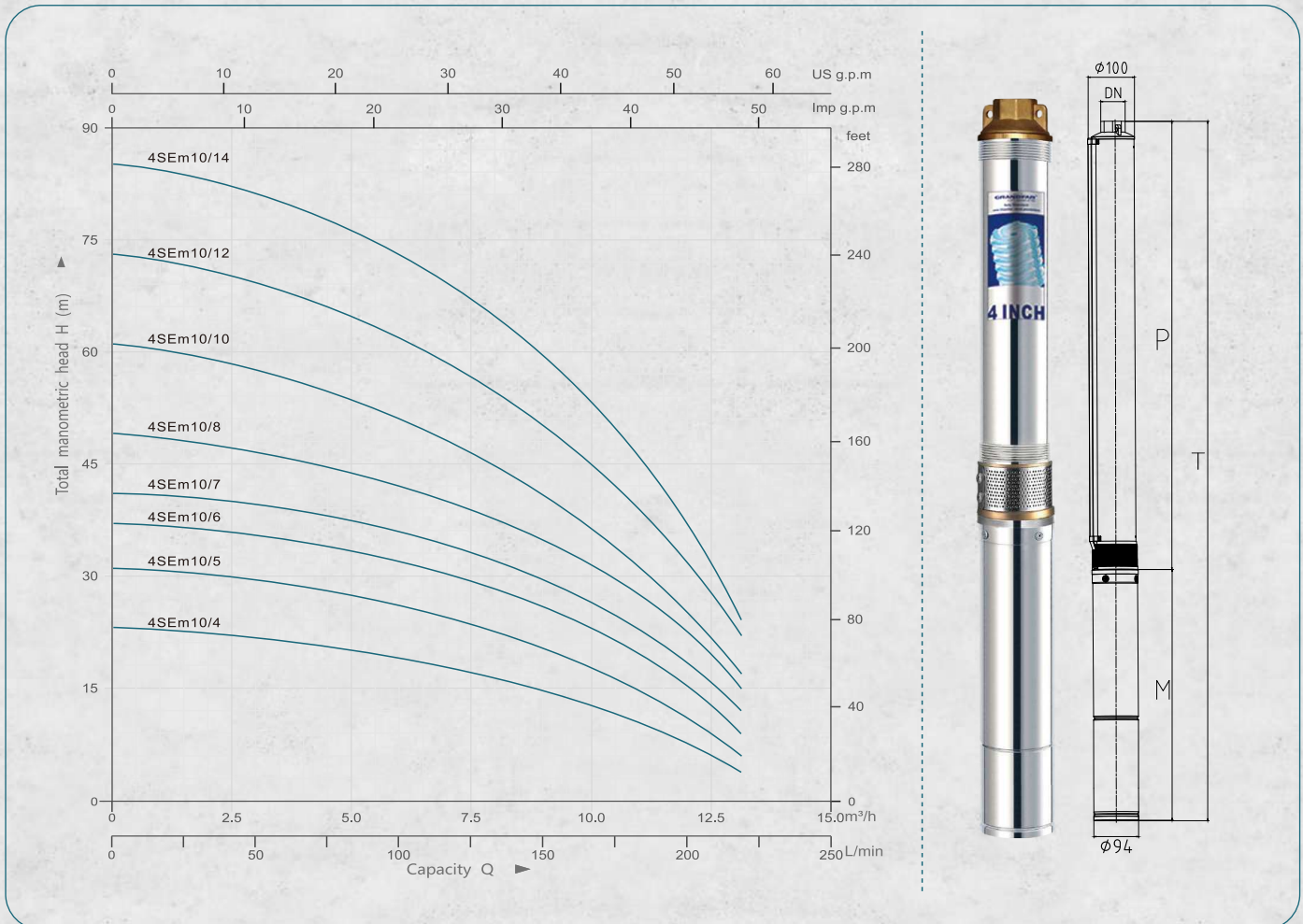
Model	Power	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	M	P	T	Size
	kW	Q(L/min)	0	20	40	60	80	100	120	140	160	180				
4SEm8/5(T)	0.55	H(m)	30	28	27	25	24	23	21	19	16	11	360	418	778	2"
4SEm8/6(T)	0.75		36	33	32	30	29	28	25	23	19	14	380	456	836	2"
4SEm8/7(T)	0.75		43	40	38	36	35	33	29	27	23	15	380	494	874	2"
4SEm8/8(T)	1.1		50	47	45	43	41	39	36	32	27	20	415	532	947	2"
4SEm8/9(T)	1.1		56	53	49	47	46	43	39	36	30	22	415	570	985	2"
4SEm8/10(T)	1.5		63	59	56	53	51	49	45	40	32	25	475	608	1083	2"
4SEm8/12(T)	1.5		75	71	67	64	62	58	54	48	40	30	475	685	1160	2"
4SEm8/15(T)	2.2		93	88	82	80	77	72	67	60	50	35	540	830	1370	2"
4SEm8/18(T)	2.2		112	106	99	96	94	87	81	72	60	42	540	944	1484	2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

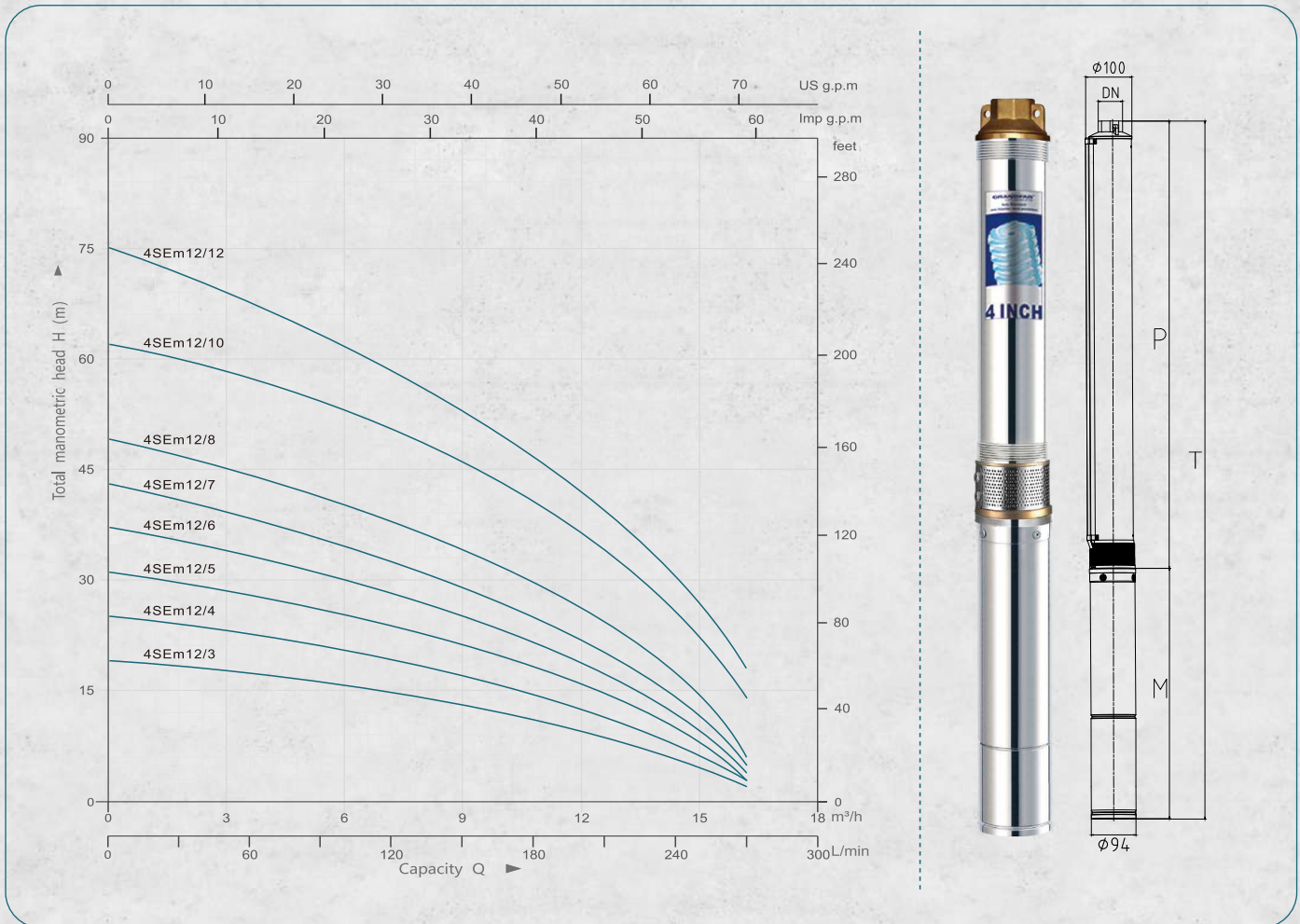
Model	Power	Q(m³/h)	0	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.2	M	P	T	Size
	kW	Q(L/min)	0	60	80	100	120	140	160	180	200	220				
4SEm10/4(T)	0.75	H(m)	23	21	20	19	18	16	14	11	8	4	380	380	760	2"
4SEm10/5(T)	0.75		31	28	27	26	25	22	21	17	12	6	380	418	798	2"
4SEm10/6(T)	1.1		37	34	33	32	31	28	26	22	17	9	415	455	870	2"
4SEm10/7(T)	1.1		43	39	38	36	35	32	28	24	19	12	415	494	909	2"
4SEm10/8(T)	1.5		49	45	44	42	40	38	34	28	22	15	475	531	1006	2"
4SEm10/10(T)	1.5		61	55	54	51	49	46	42	35	28	17	475	607	1082	2"
4SEm10/12(T)	2.2		73	66	65	62	60	56	50	43	32	22	540	683	1223	2"
4SEm10/14(T)	2.2		85	77	75	73	69	65	57	49	38	24	540	791	1331	2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

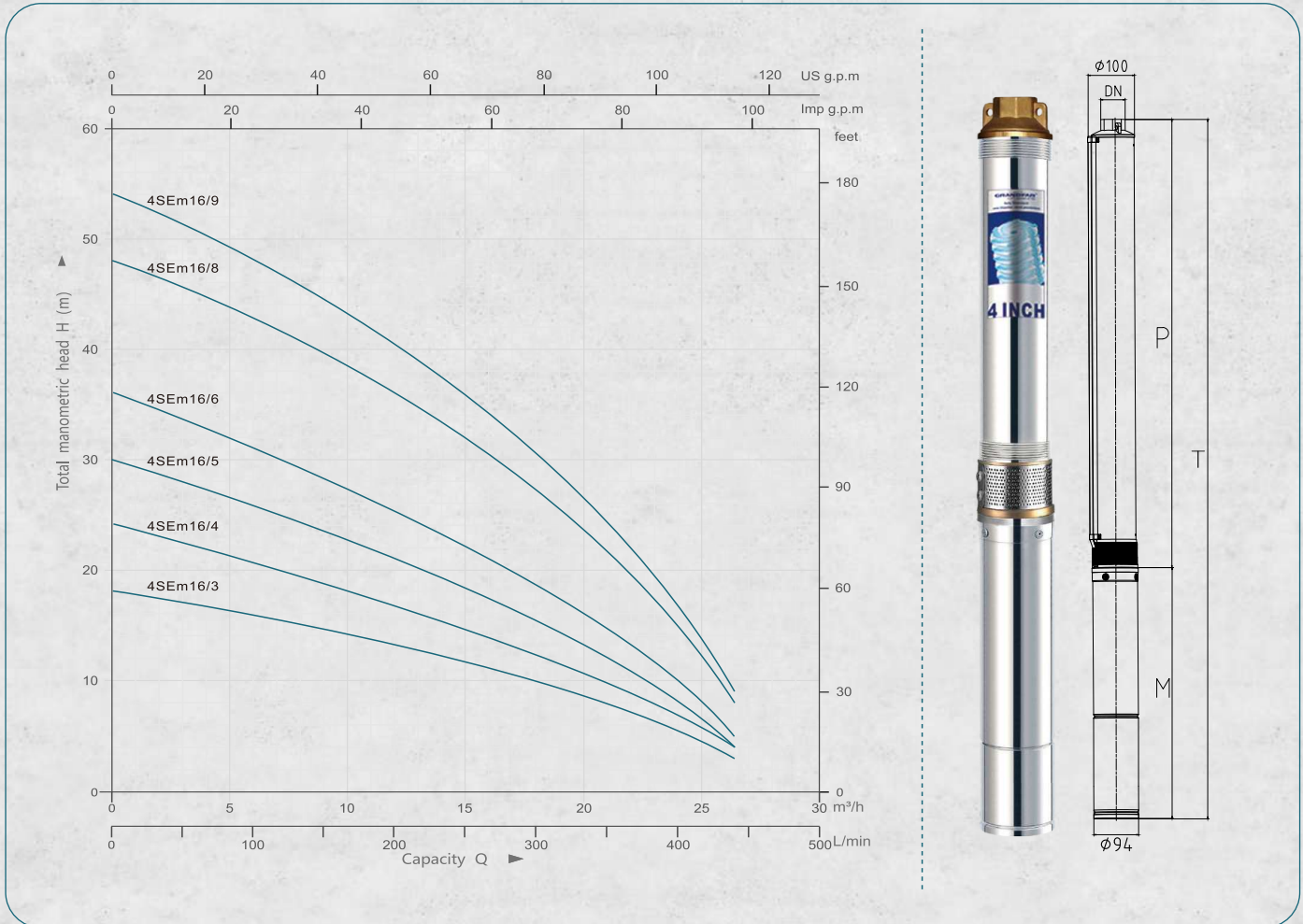
Model	Power kW	Q(m³/h) Q(L/min)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	M mm	P mm	T mm	Size Inch
			0	30	60	90	120	150	180	210	240	270				
4SEm12/3(T)	0.75	H(m)	19	17	16	15	14	13	10	8	5	2	380	441	821	2"
4SEm12/4(T)	0.75		25	23	21	20	19	17	14	11	7	3	380	510	890	2"
4SEm12/5(T)	1.1		31	29	27	25	23	21	18	13	8	3	415	579	994	2"
4SEm12/6(T)	1.1		37	35	32	30	28	25	21	16	10	4	415	648	1063	2"
4SEm12/7(T)	1.5		43	41	37	35	33	29	25	18	12	5	475	716	1191	2"
4SEm12/8(T)	1.5		49	46	43	41	37	34	29	23	15	6	475	785	1260	2"
4SEm12/10(T)	2.2		62	58	56	54	50	46	41	34	28	14	540	922	1462	2"
4SEm12/12(T)	2.2		75	70	67	63	58	53	47	39	34	18	540	1060	1600	2"



**SEM**  
DEEP WELL PUMP

**50Hz**

Performance curve



Technical parameters list

Model	Power	Q(m³/h)	0	7.2	9.6	12	14.4	16.8	19.2	21.6	24	26.3	M	P	T	Size
	kW	Q(L/min)	0	120	160	200	240	280	320	360	400	440				
4SEm16/3(T)	1.1	H(m)	18	16	15	14	12	11	9	8	4	3	415	476	891	2"
4SEm16/4(T)	1.1		24	21	20	18	15	14	12	11	6	4	415	545	960	2"
4SEm16/5(T)	1.5		30	26	25	23	19	18	14	13	8	4	475	614	1089	2"
4SEm16/6(T)	1.5		36	31	30	27	23	21	17	16	9	5	475	683	1158	2"
4SEm16/8(T)	2.2		48	42	39	35	33	29	23	19	14	8	540	821	1361	2"
4SEm16/9(T)	2.2		54	47	44	39	37	32	26	21	16	9	540	889	1426	2"



**GRANDFAR**

CONTINUE TO IMPROVE AND INNOVATE