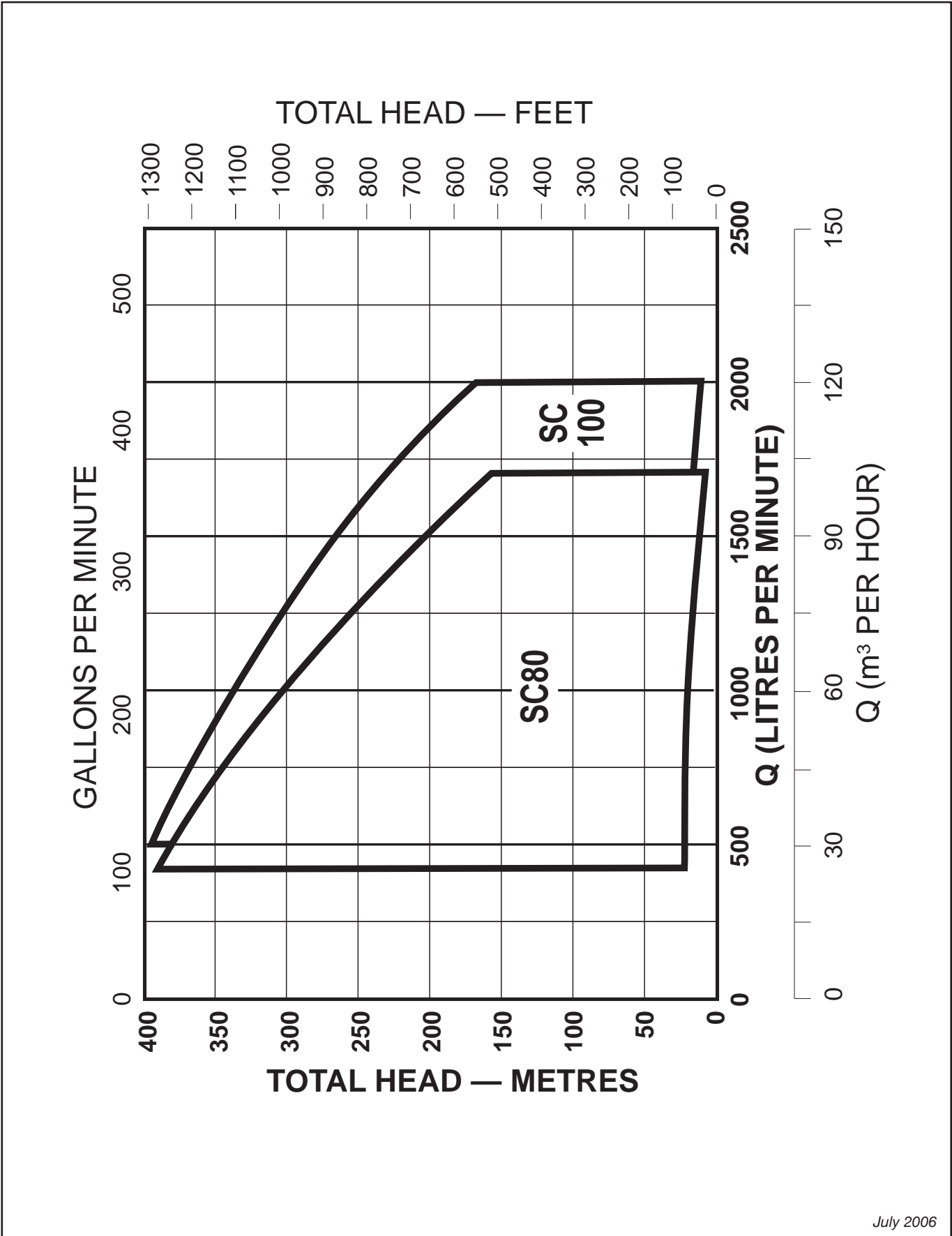




“SC” Series
8 inch (200mm)
Submersible BoreholePumps

**Selection
Chart**

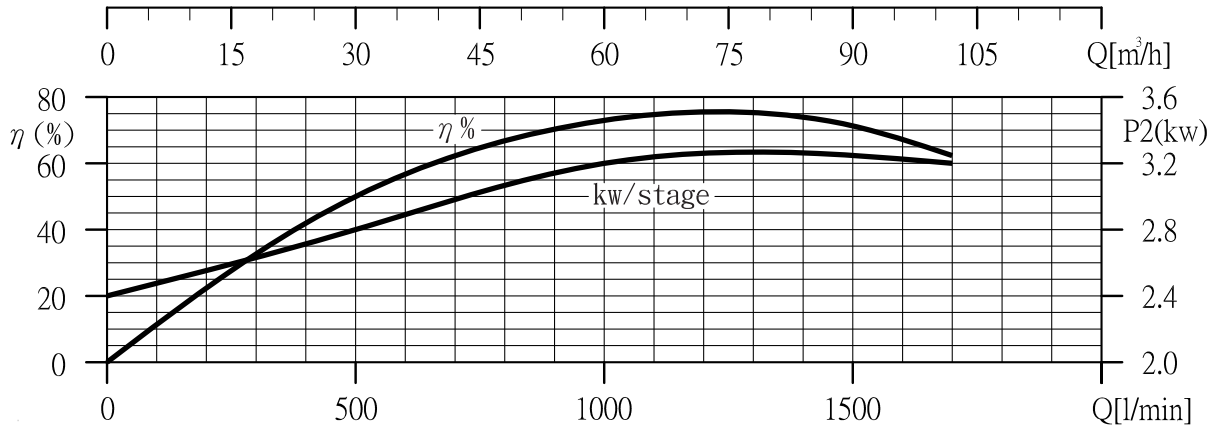
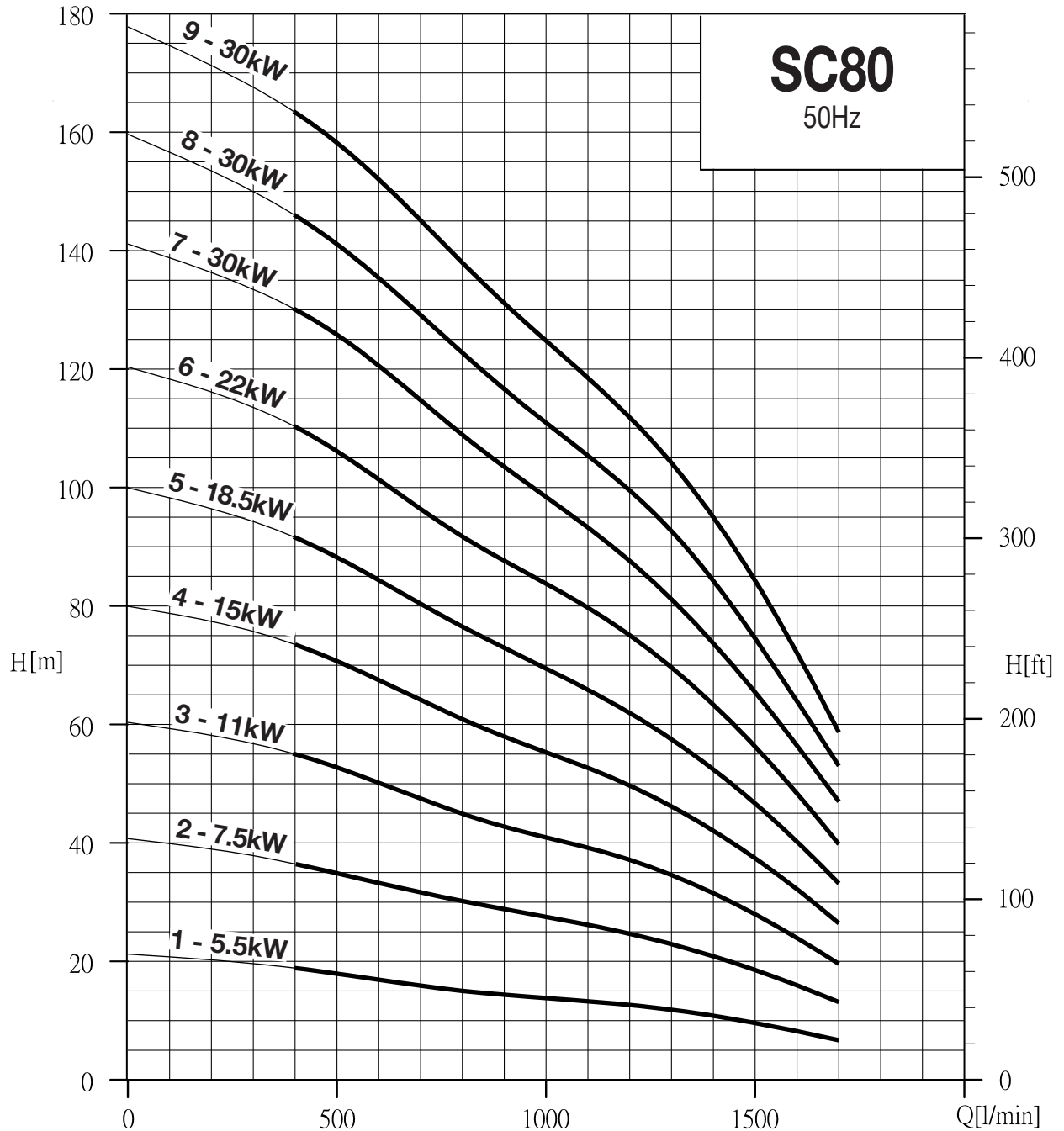
PERFORMANCE DATA





“SC” Series
8 inch (200mm)
Submersible Borehole Pumps

MODEL
SC80

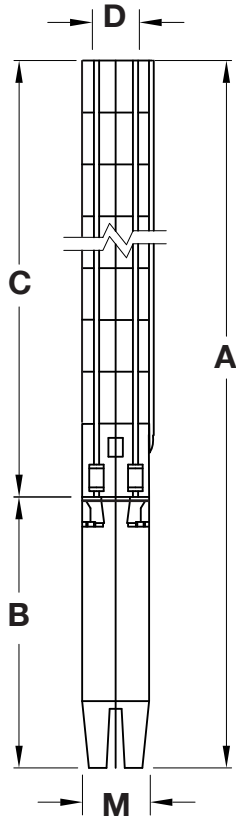


MODEL
SC80

"SC" Series
8 inch (200mm)
Submersible Borehole Pumps



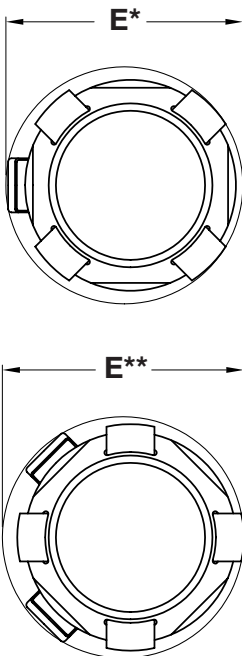
TECHNICAL DATA



SC80 DIMENSIONS & WEIGHTS

MODEL	NO. OF STAGES	MOTOR		DIMENSIONS (mm)							MASS (kg)	
		kW	DIAM	A	B	C	D	E*	E**	M	PUMP	MOTOR
SC80-1	1	5.5	6"	1232	614	618	5" BSP L	178	186	138	25.1	48
SC80-2	2	7.5	6"	1392	646	746		178	186	138	28.7	52
SC80-3	3	11	6"	1585	711	874		178	186	138	32.3	58
SC80-4	4	15	6"	1779	776	1003		178	186	138	35.9	64
SC80-5	5	18.5	6"	1972	841	1131		178	186	138	39.5	70
SC80-6	6	22	6"	2165	906	1259		178	186	138	43	76
SC80-7	7	30	6"	2423	1036	1387		178	186	138	46.6	92
SC80-8	8	30	6"	2551	1036	1515		178	186	138	50.2	92
SC80-9	9	30	6"	2680	1036	1644		178	186	138	53.8	92

E*: Maximum diameter of pump with single motor cable.
E**: Maximum diameter of pump with two motor cables.
Motor dimensions are for standard Franklin Motors.



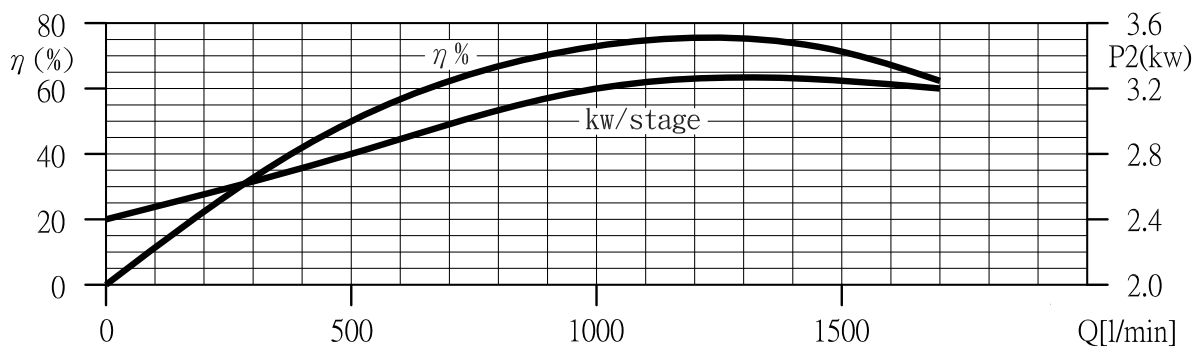
**ELECTRICAL DATA 6 INCH MOTORS
415V 50 Hz 3 PHASE**

MOTOR kW	THRUST kg	FULL LOAD AMPS	NOMINAL RPM	LOCK ROTOR AMPS
6 INCH FRANKLIN MOTORS				
5.5	1600	12.8	2875	66
7.5	1600	16.2	2875	91
11	1600	24.1	2875	133
15	1600	31.0	2875	174
18.5	1600	38.5	2875	215
22	1600	45.5	2875	278
30	1600	64.6	2875	397



"SC" Series
8 inch (200mm)
Submersible Borehole Pumps

MODEL
SC80

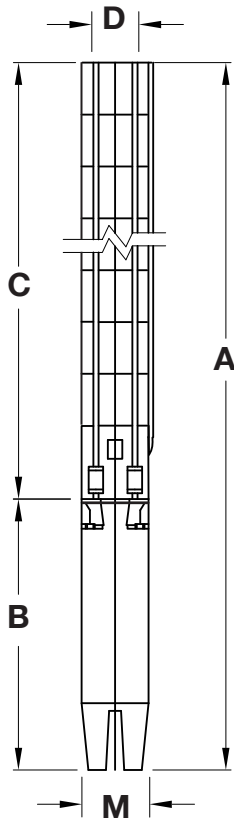


MODEL
SC80

“SC” Series
8 inch (200mm)
Submersible Borehole Pumps



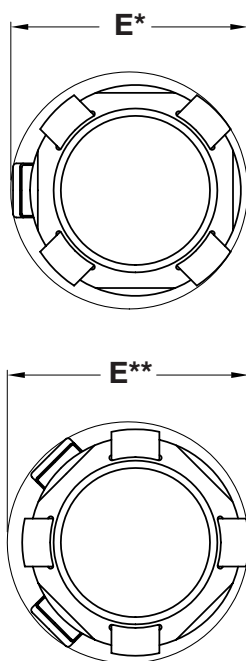
TECHNICAL DATA



SC80 DIMENSIONS & WEIGHTS

MODEL	NO. OF STAGES	MOTOR		DIMENSIONS (mm)						MASS (kg)		
		kW	DIAM	A	B	C	D	E*	E**	M	PUMP	MOTOR
SC80-10	10	37	6"	3177	1405	1772	5" B SPL	178	186	138	57.4	136
SC80-11	11	37	6"	3305	1405	1900		178	186	138	61	136
SC80-12	12	45	6"	3596	1557	2039		200	204	138	66	152
SC80-13	13	55	8"	3372	1204	2168		200	204	191	69.6	193
SC80-14	14	55	8"	3501	1204	2297		200	204	191	73.2	193
SC80-15	15	55	8"	3628	1204	2424		200	204	191	76.8	193
SC80-16	16	75	8"	4185	1633	2552		200	204	191	80.4	249
SC80-17	17	75	8"	4314	1633	2681		200	204	191	84	249
SC80-18	18	75	8"	4442	1633	2809		200	204	191	87.6	249
SC80-19	19	75	8"	4570	1633	2937		200	204	191	91.2	249
SC80-20	20	75	8"	4698	1633	3065		200	204	191	94.8	249

*E**: Maximum diameter of pump with single motor cable.
*E***: Maximum diameter of pump with two motor cables.
 Motor dimensions are for standard Franklin Motors.



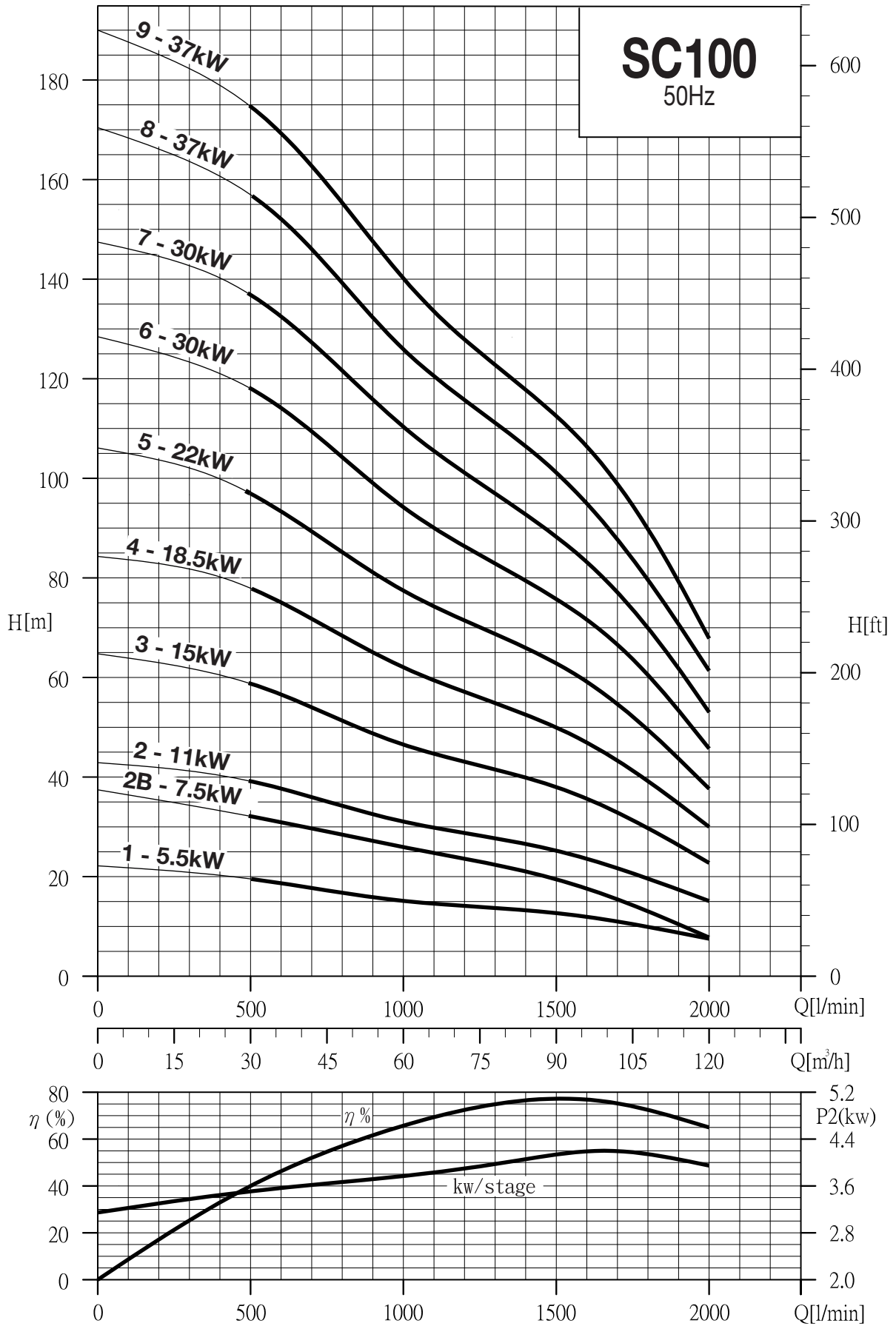
**ELECTRICAL DATA 6 & 8 INCH MOTORS
415V 50 Hz 3 PHASE**

MOTOR kW	THRUST kg	FULL LOAD AMPS	NOMINAL RPM	LOCK ROTOR AMPS
6 INCH FRANKLIN MOTORS				
37	2800	77.9	2875	434
45	2800	93.2	2875	526
8 INCH FRANKLIN MOTORS				
55	4500	108	2900	895
75	4500	145	2900	1200



"SC" Series
8 inch (200mm)
Submersible Borehole Pumps

MODEL
SC100



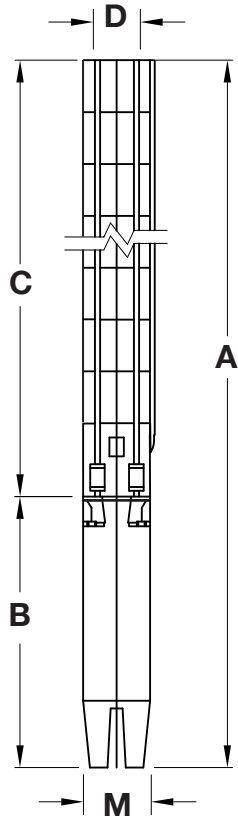
MODEL
SC100

“SC” Series

8 inch (200mm)
Submersible Borehole Pumps



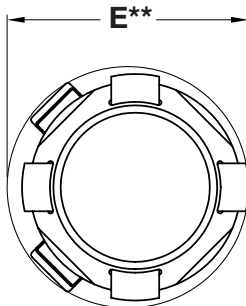
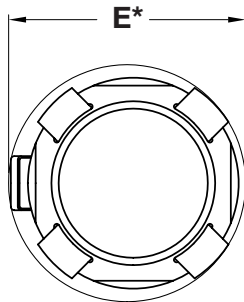
TECHNICAL DATA



SC100 DIMENSIONS & WEIGHTS

MODEL	NO. OF STAGES	MOTOR		DIMENSIONS (mm)						MASS (kg)		
		kW	DIAM	A	B	C	D	E*	E**	M	PUMP	MOTOR
SC100-1	1	5.5	6"	1232	614	618	5" BSPF	178	186	138	25.1	48
SC100-2B	2	7.5	6"	1360	614	746		178	186	138	28.7	48
SC100-2	2	11	6"	1457	711	746		178	186	138	28.7	58
SC100-3	3	15	6"	1650	776	874		178	186	138	32.3	64
SC100-4	4	18.5	6"	1844	841	1003		178	186	138	35.9	70
SC100-5	5	22	6"	2037	906	1131		178	186	138	39.5	76
SC100-6	6	30	6"	2295	1036	1259		178	186	138	43	92
SC100-7	7	30	6"	2423	1036	1387		178	186	138	46.6	92
SC100-8	8	37	6"	2920	1405	1515		178	186	138	50.2	136
SC100-9	9	37	6"	3049	1405	1644	178	186	138	53.8	136	

*E**: Maximum diameter of pump with single motor cable.
*E***: Maximum diameter of pump with two motor cables.
 Motor dimensions are for standard Franklin Motors.



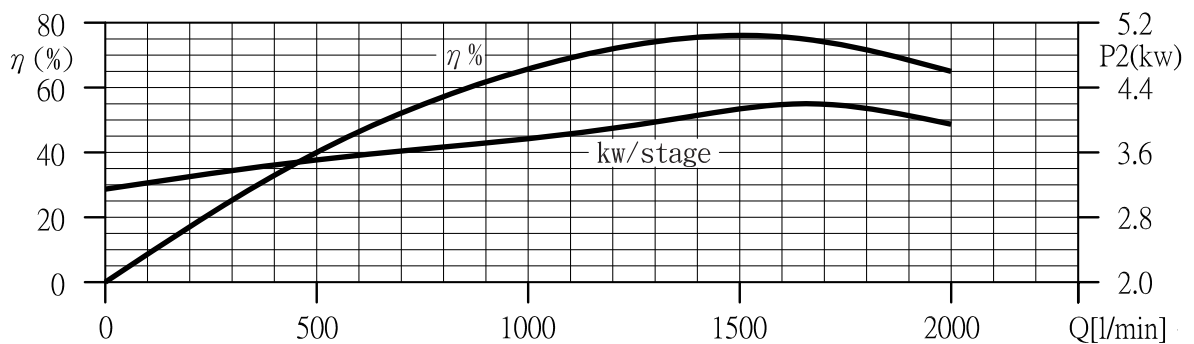
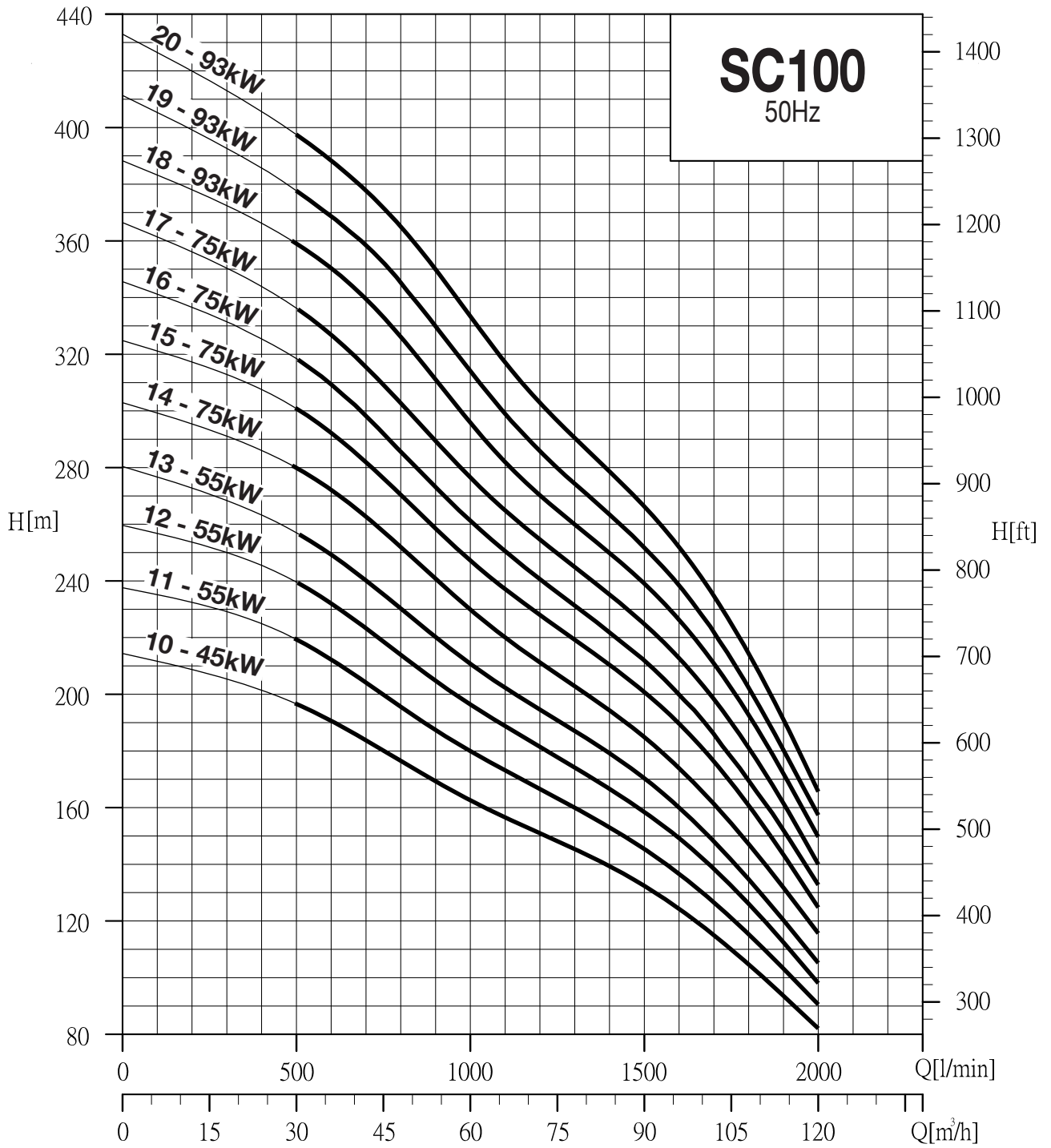
**ELECTRICAL DATA 6 INCH MOTORS
415V 50 Hz 3 PHASE**

MOTOR kW	THRUST kg	FULL LOAD AMPS	NOMINAL RPM	LOCK ROTOR AMPS
6 INCH FRANKLIN MOTORS				
5.5	1600	12.8	2875	66
7.5	1600	16.2	2875	91
11	1600	24.1	2875	133
15	1600	31.0	2875	174
18.5	1600	38.5	2875	215
22	1600	45.5	2875	278
30	1600	64.6	2875	397
37	2800	77.9	2875	434



"SC" Series
8 inch (200mm)
Submersible Borehole Pumps

MODEL
SC100

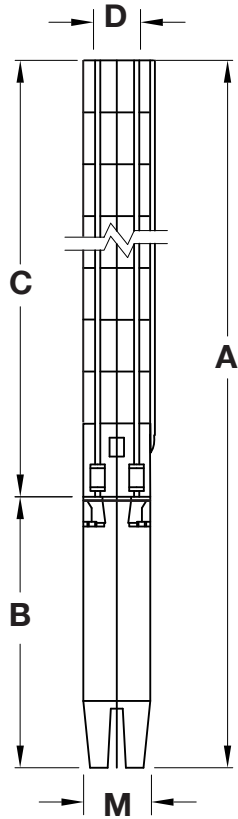


MODEL
SC100

“SC” Series
8 inch (200mm)
Submersible Borehole Pumps



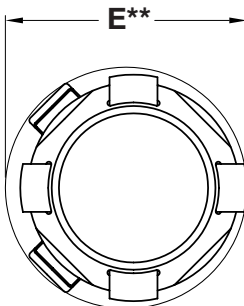
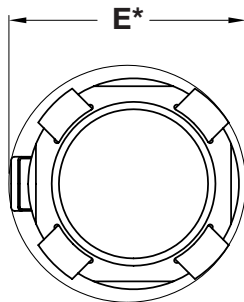
TECHNICAL DATA



SC100 DIMENSIONS & WEIGHTS

MODEL	NO. OF STAGES	MOTOR kW	MOTOR DIAM	DIMENSIONS (mm)						MASS (kg)		
				A	B	C	D	E*	E**	M	PUMP	MOTOR
SC100-10	10	45	6"	3340	1557	1783	5 BSH	196	204	138	58.8	152
SC100-11	11	55	8"	3115	1204	1911		196	204	191	62.4	193
SC100-12	12	55	8"	3243	1204	2039		196	204	191	66	193
SC100-13	13	55	8"	3372	1204	2168		196	204	191	69.6	193
SC100-14	14	75	8"	3929	1633	2296		196	204	191	73.2	249
SC100-15	15	75	8"	3818	1633	2424		196	204	191	76.7	249
SC100-16	16	75	8"	4185	1633	2552		196	204	191	80.3	249
SC100-17	17	75	8"	4074	1633	2680		196	204	191	84	249
SC100-18	18	93	8"	4557	1748	2809		196	204	196	87.6	318
SC100-19	19	93	8"	4685	1748	2937		196	204	196	91.2	318
SC100-20	20	93	8"	4813	1748	3065		196	204	106	94.8	318

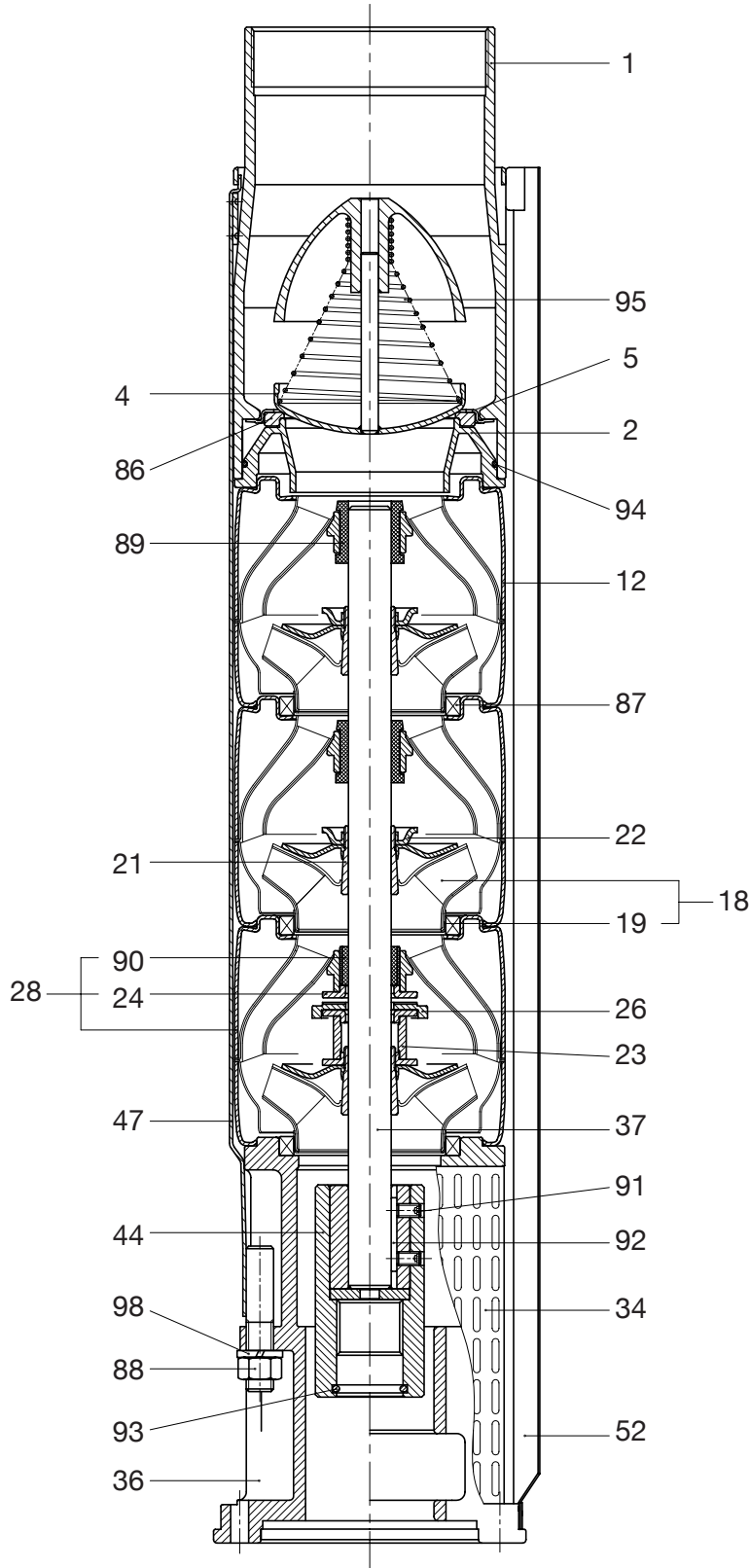
E*: Maximum diameter of pump with single motor cable.
E**: Maximum diameter of pump with two motor cables.
Motor dimensions are for standard Franklin Motors.



**ELECTRICAL DATA 6 & 8 INCH MOTORS
415V 50 Hz 3 PHASE**

MOTOR kW	THRUST kg	FULL LOAD AMPS	NOMINAL RPM	LOCK ROTOR AMPS
45	6 INCH FRANKLIN MOTORS			526
	2800	93.2	2875	
55	8 INCH FRANKLIN MOTORS			895
	4500	108	2900	
	75	145	2900	
93	4500	191	2900	1382

PARTS AND MATERIALS



	Part	Material
1	Discharge	304 Stainless Steel
2	Lower Valve Seat Retainer	304 Stainless Steel
4	Valve Cup	304 Stainless Steel
5	Upper Valve Seat Retainer	304 Stainless Steel
12	Diffuser	304 Stainless Steel
18	Impeller	304 Stainless Steel
19	Impeller Ring	304 Stainless steel
21	Split Cone	304 Stainless Steel
22	Split Cone Nut	304 Stainless Steel
23	Nut for Stop Ring	304 Stainless Steel
24	Stop Ring	304 Stainless Steel
26	Spacing Washer for Stop Ring	MoO ₂ + PTFE
28	Bottom Diffuser	304 Stainless Steel
34	Strainer	304 Stainless Steel
35	Lock for Strainer	304 Stainless Steel
36	Suction Interconnector	304 Stainless Steel
37	Pump Shaft	431 Stainless Steel
44	Coupling	304 Stainless Steel
47	Strap	304 Stainless Steel
52	Cable Guard	304 Stainless Steel
86	Valve Seat	NBR
87	Neck Ring	304 SS / NBR
88	Nut	304 Stainless Steel
89	Bearing	NBR
90	Bearing	304 SS / NBR
91	Screw	304 Stainless Steel
92	Key	304 Stainless Steel
93	O-Ring	NBR
94	O-Ring	NBR
95	Spring	304 Stainless Steel
96	Screw	304 Stainless Steel
97	Screw	304 Stainless Steel
98	Spring Washer	304 Stainless Steel