SUBMERSIBLE MOTORS
6”

6SP

APPLICATIONS

- For water supply from wells or reservoirs
- For domestic use, for civil and industrial applications
- For irrigation, dewatering and bulk water supply

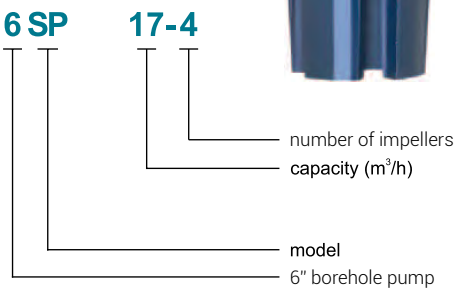
OPERATING CONDITIONS

- Maximum fluid temparature: +50°C
- Maximum sand content: 0.25%
- Minimum well diameter: 8”

MOTOR AND PUMP

Three-phase: 380-415V/50Hz
Three-phase: 525V/50Hz
Equiped with starting control box or digital auto-control box.
NEMA dimension standards
Curve tolerance according to ISO 9906, grade 2





Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

SUBMERSIBLE PUMPS 6SP



OPERATING RANGE

These pumps are for domestic, agricultural, mining, bulk water supply and industrial use.

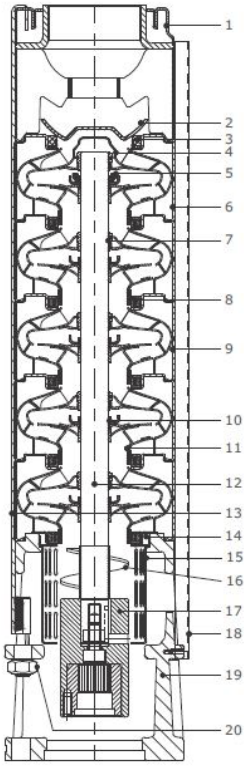
Max Head:	430m
Max Flow:	1300l/m
Minimum immersion:	1m
Maximum sand content:	0,25%
Minimum well diameter:	200mm

KEY MATERIALS

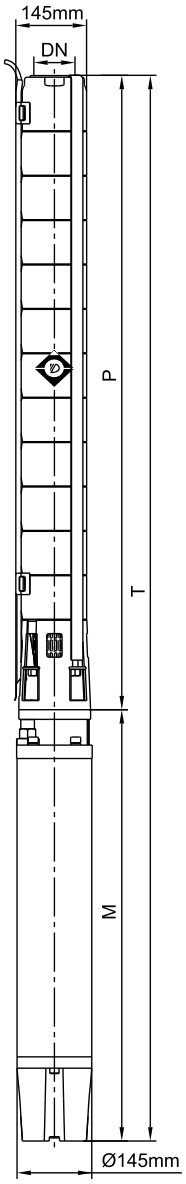
Suction, stage casing and discharge outlets:	stainless steel 304
Impellers:	stainless steel 304
Pump shaft:	SS AISI 431
Bearing bush:	anti friction rubber
Non return valve:	stainless steel 304
Cable guard and strainer:	stainless steel 304

Pump and motor couplings are as per NEMA standards.

NO.	PART NAME	MATERIAL
1	N.R.V. 2.5”	S.S.304
2	Valve	S.S.304
3	Valve Seat	N.B.R. + S.S.304
4	Top Cap	S.S.304
5	Spacing Washer	25% CFT
6	Intermediate Chamber Top	S.S.304
7	Bearing Bush	N.B.R.
8	Neckring	N.B.R. + NYLON
9	Intermediate chamber	S.S.304
10	Collet & Collet Nut	S.S.304
11	Impeller	S.S.304
12	Pump Shaft	S.S.431
13	Clamping strip	S.S.304
14	Suction Connector	S.S.304
15	Strainer	S.S.304
16	Priming Screw	S.S.304
17	NEMA Coupling	S.S.304
18	Cable Guard	S.S.304
19	Suction	S.S.304
20	HEX Nut	S.S.316



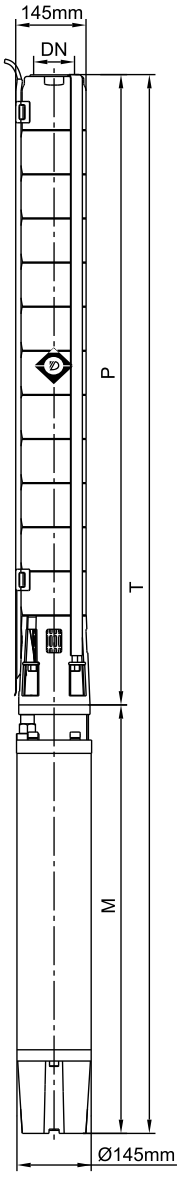
DIMENSIONS AND WEIGHTS



MODEL	DN	DIMENSION (mm)			WEIGHT		
3~ 380 - 415v"		PUMP	MOTOR	PUMP + MOTOR	PUMP	MOTOR	PUMP + MOTOR
6SP17-10	4"	877	573	1450	15,4	39,9	55,3
6SP17-13	4"	1058	638	1696	19,3	47,6	66,9
6SP17-14	4"	1119	698	1817	20,6	54,8	75,4
6SP17-16	4"	1240	698	1938	23,2	54,8	78
6SP17-18	4"	1361	763	2124	25,8	62,6	88,4
6SP17-20	4"	1482	763	2245	28,4	62,6	91
6SP17-22	4"	1603	823	2426	31,4	70,1	101,5
6SP17-24	4"	1724	883	2607	34,4	77,2	111,6
6SP17-26	4"	1845	883	2728	37,4	77,2	114,6
6SP17-28	4"	1966	908	2874	40,4	80,3	120,1
6SP17-32	4"	2208	908	3116	46,4	80,3	126,7
6SP17-36	4"	2450	983	3433	52,4	89,5	141,9
6SP17-40	4"	2692	983	3675	58,4	89,5	147,9

MODEL	DN	DIMENSION (mm)			WEIGHT		
3~ 380 - 415v"		PUMP	MOTOR	PUMP + MOTOR	PUMP	MOTOR	PUMP + MOTOR
6SP30-5	4"	752	573	1325	12,9	39,9	52,8
6SP30-6	4"	848	573	1421	14,7	39,9	54,6
6SP30-7	4"	944	638	1582	16,5	47,6	64,1
6SP30-8	4"	1040	638	1678	18,3	47,6	65,9
6SP30-9	4"	1136	698	1834	20,1	54,8	74,9
6SP30-10	4"	1232	698	1930	22,1	54,8	76,9
6SP30-12	4"	1424	763	2187	26,1	62,6	88,7
6SP30-14	4"	1616	823	2439	30,1	70,1	100,2
6SP30-16	4"	1808	883	2691	34,1	77,2	111,3
6SP30-18	4"	2000	908	2908	38,1	80,3	118,4
6SP30-20	4"	2192	908	3100	42,5	80,3	122,8
6SP30-22	4"	2384	983	3367	46,9	89,5	136,4
6SP30-24	4"	2576	983	3559	51,3	89,5	140,8
6SP30-27	4"	2864	1058	3922	57,9	99,2	157,1
6SP30-29	4"	3056	1058	4114	4,5	99,2	163,7
6SP30-32	4"	3344	1133	4477	71,1	107,8	178,9
6SP30-34	4"	3536	1133	469	77,7	107,8	185,5

DIMENSIONS AND WEIGHTS



MODEL	DN	DIMENSION (mm)			WEIGHT		
3~ 380 - 415v"		PUMP	MOTOR	PUMP + MOTOR	PUMP	MOTOR	PUMP + MOTOR
6SP46-5	4"	837	683	1475	14,6	47,6	62,2
6SP46-6	4"	950	698	1648	16,6	54,8	71,4
6SP46-7	4"	1063	763	1761	18,6	62,6	81,2
6SP46-8	4"	1176	823	1939	20,8	70,1	90,9
6SP46-9	4"	1289	883	2112	23	77,2	100,2
6SP46-10	4"	1402	883	2285	25,2	77,2	102,4
6SP46-11	4"	1515	908	2398	27,4	80,3	107,7
6SP46-12	4"	1628	908	2536	29,6	80,3	109,9
6SP46-13	4"	1741	983	2649	31,8	89,5	121,3
6SP46-14	4"	1854	983	2837	34	89,5	123,5
6SP46-15	4"	1967	1058	2950	36,2	99,2	135,4
6SP46-16	4"	2080	1058	3138	38,4	99,2	137,6
6SP46-18	4"	2306	1133	3439	40,6	107,8	148,4
6SP46-20	4"	2532	1133	3665	42,8	107,8	150,6
6SP46-22	4"	2758	1208	3966	47,2	117,3	164,5
6SP46-24	4"	2984	1208	4192	51,6	117,3	168,9

MODEL	DN	DIMENSION (mm)			WEIGHT		
3~ 380 - 415v"		PUMP	MOTOR	PUMP + MOTOR	PUMP	MOTOR	PUMP + MOTOR
6SP60-3	4"	611	573	1184	10,6	39,9	50,5
6SP60-4	4"	724	638	1362	12,6	47,6	60,2
6SP60-5	4"	837	698	1535	14,6	54,8	69,4
6SP60-6	4"	950	763	1713	16,6	62,6	79,2
6SP60-7	4"	1063	823	1886	18,6	70,1	88,7
6SP60-8	4"	1176	883	2059	20,8	77,2	98
6SP60-9	4"	1289	908	2197	23	80,3	103,3
6SP60-10	4"	1420	908	2310	25,2	80,3	105,5
6SP60-11	4"	1515	983	2498	27,4	89,5	116,9
6SP60-12	4"	1628	983	2611	29,6	89,5	119,1
6SP60-13	4"	1741	1058	2799	31,8	99,2	131
6SP60-14	4"	1854	1058	2912	34	99,2	133,2
6SP60-15	4"	1967	1133	3100	36,2	107,8	144
6SP60-16	4"	2080	1133	3213	38,4	107,8	146,2
6SP60-17	4"	2193	1208	3401	40,6	117,3	157,9
6SP60-18	4"	2306	1208	3514	42,8	117,3	160,1