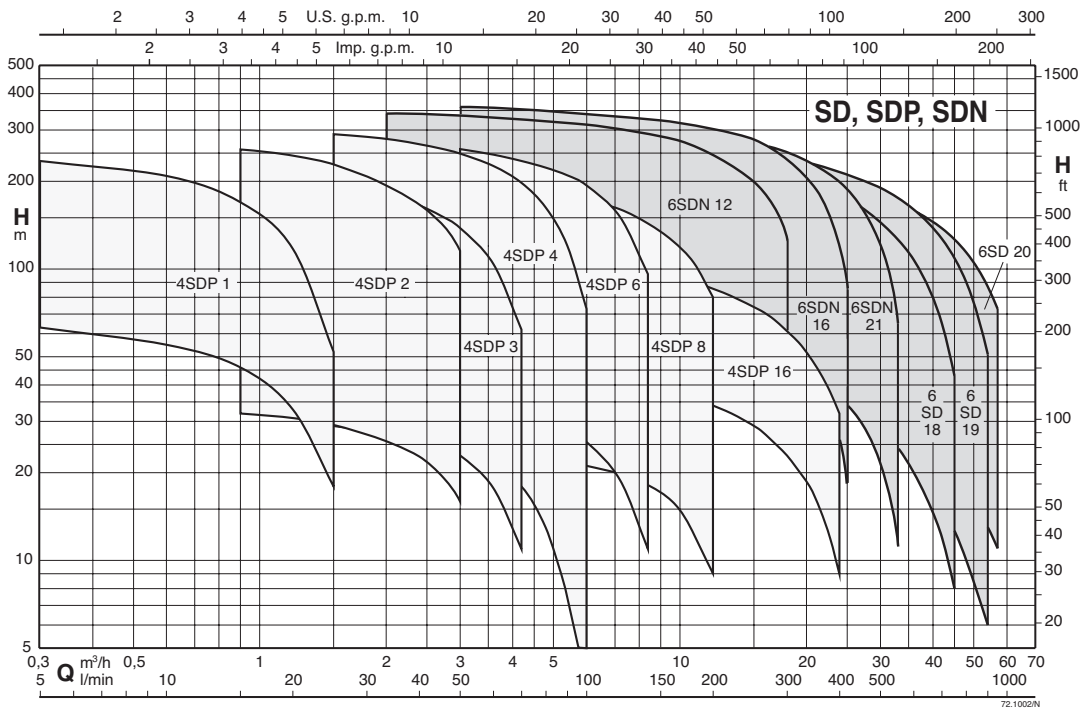




Coverage chart $n \approx 2900$ rpm



Submersible borehole pumps for 4" and 6" wells

SD



Construction

Submersible borehole pumps for 4" wells (DN 100 mm), and 6" (DN 150 mm), with external jacket in stainless steel AISI 304 and impellers in Noryl.

Impellers

radial floating impellers 4SDP

radial impellers 6SDN 12, 16, 21

mixed flow impellers 6SD 18, 19, 20

Connection: screwed connection ISO 228.

Delivery casing with built-in non-return valve.

Applications

For water supply systems.

For civil and industrial applications.

For fire fighting applications.

For irrigation.

Operating conditions

PUMP

Liquid temperature:

up to a 35 °C for 4" motors

- up to a 25 °C for 6" motors.

Max. sand quantity into the water: 150 g/m³ (300 g/m³ high percentage of solids and sand).

Continuous duty.

MOTOR

Motor	Motor P2	Max. Liquid temperature	Cooling minimum flow velocity	Max n° of starting x hour
4CS-R	all	35 °C	0,1 m/s	30
6CS-R	4÷15 kW	40 °C	0,5 m/s	20
6CS-R	18,5÷30 kW	35 °C	0,5 m/s	20
6CS-R	37 kW	30 °C	0,5 m/s	20

Motor

2-pole induction motor, 50 Hz ($n \approx 2900$ rpm).

Sized for connection to the pumps according to NEMA Standards.

Standard voltages:

single-phase - single-phase 230 V up to 2,2 kW for 4" motors.

three-phase - three-phase 230 V; 400 V, for 4" motors.

- three-phase 400 V; 400/690 V, for 6" motors.

Voltage tolerance : +6% / -10%.

In order to limit both current and torque at each starting, for rated motor powers equal to or higher than 7.5 kW, one of the following types of starting is necessary: star/delta, soft starter, stator impedance or autotransformer.

Insulation class F for 4" motors, class E for 6" motors.

Protection IP 68.

Continuous duty.

Motor suitable operation with frequency converter (with suitable filter dv/dt).

Special features on request

Other voltages.

Frequency 60 Hz (as per 60 Hz data sheet).

High temperatures.

Encapsulated motor FK series.

Designation

Example: 4SDPM 6/14

4 = Ø of the well in inches

SDP = Series

M = Single-phase (without three-phase indication)

6 = Stage identification

04 = Number of impellers

The electropumps 4SDP 1,2,3,6 series comply with the European Regulation no. 547/2012.

Materials

Components	4SDP	6SD, 6SDN
External jacket	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Stage casing	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	GFN2V* (NORYL®)
Diffuser	Polycarbonate	GFN2V* (NORYL®)
Impeller	GFN2V* (NORYL®)	GFN2V* (NORYL®)
Wear ring	-	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Shaft	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Steel 1.4104 EN 10088 (AISI 430F)
delivery casing	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Bronze CC480K EN 1982
Suction lantern	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Bronze CC480K EN 1982
Bearing bush	POM - POLYACETAL	Rubber
Filter	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Steel 1.4104 EN 10088 (AISI 430F)
Screws	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)

* Trademark of General Electric

Coverage chart n ≈ 2900 rpm

Three-phase

Model	400V P2			Q = Flow																
				m³/h l/min	H (m) = Total head															
					0	0,3 5	0,6 10	0,9 15	1,2 20	1,5 25	1,8 30	2,1 35	2,4 40	2,7 45	3 50	3,6 60	4,2 70	4,8 80	6 100	
4SDP 1/10C	1,7	0,37	0,5	67	63	55	46	33	18	-	-	-	-	-	-	-	-	-		
4SDP 1/13C	1,7	0,37	0,5	86	78	70	56	42	23	-	-	-	-	-	-	-	-	-		
4SDP 1/19C	2	0,55	0,75	126	118	105	86	60	30	-	-	-	-	-	-	-	-	-		
4SDP 1/26C	2,5	0,75	1	173	160	141	117	81	39	-	-	-	-	-	-	-	-	-		
4SDP 1/38C	3,3	1,1	1,5	253	234	208	169	117	52	-	-	-	-	-	-	-	-	-		
4SDP 2/5C	1,7	0,37	0,5	34	-	-	32	31	29	27	25	23	19	16	-	-	-	-		
4SDP 2/7C	1,7	0,37	0,5	46	-	-	43	42	39	36	33	29	26	22	-	-	-	-		
4SDP 2/10C	2	0,55	0,75	67	-	-	64	61	58	54	49	43	36	28	-	-	-	-		
4SDP 2/14C	2,5	0,75	1	92	-	-	86	83	79	74	67	60	52	42	-	-	-	-		
4SDP 2/20C	3,3	1,1	1,5	139	-	-	131	127	120	111	101	90	75	60	-	-	-	-		
4SDP 2/28C	4,4	1,5	2	189	-	-	178	172	164	153	140	126	108	90	-	-	-	-		
4SDP 2/40C	6,1	2,2	3	265	-	-	247	237	224	208	189	170	147	120	-	-	-	-		
4SDP 3/5C	1,7	0,37	0,5	34	-	-	-	32	31	30	29	27	25	23	18	11	-	-		
4SDP 3/8C	2	0,55	0,75	54	-	-	-	51	50	49	46	43	41	38	30	19	-	-		
4SDP 3/11C	2,5	0,75	1	72	-	-	-	68	66	64	61	58	54	49	38	26	-	-		
4SDP 3/16C	3,3	1,1	1,5	106	-	-	-	101	98	95	89	83	77	70	54	33	-	-		
4SDP 3/21C	4,4	1,5	2	142	-	-	-	135	132	127	122	115	108	100	79	49	-	-		
4SDP 3/32C	6,1	2,2	3	208	-	-	-	200	194	187	177	165	152	138	104	62	-	-		
4SDP 4/5C	1,7	0,37	0,5	33	-	-	-	-	29	28	27	26	-	24	21	18	13	3		
4SDP 4/7C	2	0,55	0,75	46	-	-	-	-	43	42	41	39	-	36	33	28	22	7		
4SDP 4/9C	2,5	0,75	1	59	-	-	-	-	55	54	52	51	-	47	43	37	28	10		
4SDP 4/14C	3,3	1,1	1,5	93	-	-	-	-	87	86	83	81	-	76	68	58	47	20		
4SDP 4/18C	4,4	1,5	2	120	-	-	-	-	113	111	108	105	-	98	88	75	60	25		
4SDP 4/27C	6,1	2,2	3	175	-	-	-	-	164	161	157	152	-	141	127	109	87	35		
4SDP 4/35C	6,9	3	4	228	-	-	-	-	212	208	203	197	-	184	166	145	119	46		
4SDP 4/44C	9,4	4	5,5	282	-	-	-	-	261	255	249	241	-	223	201	173	140	52		
4SDP 4/48C	9,4	4	5,5	309	-	-	-	-	289	283	276	267	-	248	225	197	162	73		

Model	400V P2			Q = Flow																
				m³/h l/min	H (m) = Total head															
					0	3 50	3,6 60	4,2 70	4,8 80	5,4 90	6 100	7,2 120	8,4 140	9,6 160	10,8 180	12 200	13,2 220	18 300	21,5 358	24 400
4SDP 6/7C	2,5	0,75	1	42	36	34	32	30	28	25	19	11	-	-	-	-	-	-		
4SDP 6/10C	3,3	1,1	1,5	62	53	51	48	45	41	38	29	18	-	-	-	-	-	-		
4SDP 6/14C	4,4	1,5	2	90	77	74	71	68	63	59	46	28	-	-	-	-	-	-		
4SDP 6/20C	6,1	2,2	3	125	107	102	97	92	86	80	62	40	-	-	-	-	-	-		
4SDP 6/27C	6,9	3	4	169	145	139	131	123	115	107	84	55	-	-	-	-	-	-		
4SDP 6/34C	9,4	4	5,5	208	178	170	162	153	143	132	103	66	-	-	-	-	-	-		
4SDP 6/36C	9,4	4	5,5	221	190	181	173	164	154	143	112	72	-	-	-	-	-	-		
4SDP 6/49C	13,4	5,5	7,5	302	257	246	234	222	209	193	151	96	-	-	-	-	-	-		
4SDP 8/4C	2,5	0,75	1	26	-	-	-	23	22	21	20	18	16	12	9	-	-	-		
4SDP 8/6C	3,3	1,1	1,5	38	-	-	-	35	34	33	31	28	24	19	14	-	-	-		
4SDP 8/8C	4,4	1,5	2	52	-	-	-	47	45	44	41	37	31	25	18	-	-	-		
4SDP 8/13C	6,1	2,2	3	82	-	-	-	75	73	71	66	59	50	40	30	-	-	-		
4SDP 8/17C	6,9	3	4	108	-	-	-	98	96	94	87	79	70	58	46	-	-	-		
4SDP 8/21C	9,4	4	5,5	132	-	-	-	117	114	111	103	93	82	68	52	-	-	-		
4SDP 8/23C	9,4	4	5,5	148	-	-	-	134	131	127	118	108	95	79	60	-	-	-		
4SDP 8/32C	13,4	5,5	7,5	202	-	-	-	182	178	172	160	143	125	105	80	-	-	-		
4SDP 16/8C	6,1	2,2	3	49	-	-	-	-	-	-	-	39	38	36	34	32	23	15	9	
4SDP 16/11C	6,9	3	4	67	-	-	-	-	-	-	-	55	53	50	48	45	33	23	16	
4SDP 16/13C	9,4	4	5,5	79	-	-	-	-	-	-	-	65	62	59	56	53	40	28	20	
4SDP 16/15C	9,4	4	5,5	93	-	-	-	-	-	-	-	76	73	70	66	62	47	34	25	
4SDP 16/20C	13,4	5,5	7,5	122	-	-	-	-	-	-	-	99	95	90	86	81	61	44	32	
4SDP 16/27C	16,4	7,5	10	161	-	-	-	-	-	-	-	130	125	120	114	109	81	57	39	

P2: Rated motor power output.

H: Total head in m

Coverage chart n ≈ 2900 rpm

Single-phase

Model	230V	Capacitor		P2		P1	Q = Flow														
							m³/h														
								0	0,3	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6	4,2	4,8
l/min	5	10	15	20	25	30	35	40	45	50	60	70	80	100							
A	Vc	uf	kW	HP	kW	H (m) = Total head															
4SDPM 1/10C	3,6	450	20	0,37	0,5	0,71	67	63	55	46	33	18	-	-	-	-	-	-	-	-	-
4SDPM 1/13C	3,6	450	20	0,37	0,5	0,71	86	78	70	56	42	23	-	-	-	-	-	-	-	-	-
4SDPM 1/19C	4,7	450	25	0,55	0,75	0,91	126	118	105	86	60	30	-	-	-	-	-	-	-	-	-
4SDPM 1/26C	5,6	450	35	0,75	1	1,24	173	160	141	117	81	39	-	-	-	-	-	-	-	-	-
4SDPM 1/38C	7,6	450	40	1,1	1,5	1,71	253	234	208	169	117	52	-	-	-	-	-	-	-	-	-
4SDPM 2/5C	3,6	450	20	0,37	0,5	0,71	34	-	-	32	31	29	27	25	23	19	16	-	-	-	-
4SDPM 2/7C	3,6	450	20	0,37	0,5	0,71	46	-	-	43	42	39	36	33	29	26	22	-	-	-	-
4SDPM 2/10C	4,7	450	25	0,55	0,75	0,91	67	-	-	64	61	58	54	49	43	36	28	-	-	-	-
4SDPM 2/14C	5,6	450	35	0,75	1	1,24	92	-	-	86	83	79	74	67	60	52	42	-	-	-	-
4SDPM 2/20C	7,6	450	40	1,1	1,5	1,71	139	-	-	131	127	120	111	101	90	75	60	-	-	-	-
4SDPM 2/28C	10,7	450	60	1,5	2	2,33	189	-	-	178	172	164	153	140	126	108	90	-	-	-	-
4SDPM 2/40C	14,6	450	80	2,2	3	3,25	265	-	-	247	237	224	208	189	170	147	120	-	-	-	-
4SDPM 3/5C	3,6	450	20	0,37	0,5	0,71	34	-	-	-	32	31	30	29	27	25	23	18	11	-	-
4SDPM 3/8C	4,7	450	25	0,55	0,75	0,91	54	-	-	-	51	50	49	46	43	41	38	30	19	-	-
4SDPM 3/11C	5,6	450	35	0,75	1	1,24	72	-	-	-	68	66	64	61	58	54	49	38	26	-	-
4SDPM 3/16C	7,6	450	40	1,1	1,5	1,71	106	-	-	-	101	98	95	89	83	77	70	54	33	-	-
4SDPM 3/21C	10,7	450	60	1,5	2	2,33	142	-	-	-	135	132	127	122	115	108	100	79	49	-	-
4SDPM 3/28C	14,6	450	80	2,2	3	3,25	208	-	-	-	200	194	187	177	165	152	138	104	62	-	-
4SDPM 4/5C	3,6	450	20	0,37	0,5	0,71	33	-	-	-	-	29	28	27	26	-	24	21	18	13	3
4SDPM 4/7C	4,7	450	25	0,55	0,75	0,91	46	-	-	-	-	43	42	41	39	-	36	33	28	22	7
4SDPM 4/9C	5,6	450	35	0,75	1	1,24	59	-	-	-	-	55	54	52	51	-	47	43	37	28	10
4SDPM 4/14C	7,6	450	40	1,1	1,5	1,71	93	-	-	-	-	87	86	83	81	-	76	68	58	47	20
4SDPM 4/18C	10,7	450	60	1,5	2	2,33	120	-	-	-	-	113	111	108	105	-	98	88	75	60	25
4SDPM 4/27C	14,6	450	80	2,2	3	3,25	175	-	-	-	-	164	161	157	152	-	141	127	109	87	35

Model	230V	Capacitor		P2		P1	Q = Flow														
							m³/h														
								0	3	3,6	4,2	4,8	5,4	6	7,2	8,4	9,6	10,8	12	13,2	18
l/min	50	60	70	80	90	100	120	140	160	180	200	220	300	400							
A	Vc	uf	kW	HP	kW	H (m) = Total head															
4SDPM 6/7C	5,6	450	35	0,75	1	1,24	42	36	34	32	30	28	25	19	11	-	-	-	-	-	-
4SDPM 6/10C	7,6	450	40	1,1	1,5	1,71	62	53	51	48	45	41	38	29	18	-	-	-	-	-	-
4SDPM 6/14C	10,7	450	60	1,5	2	2,33	90	77	74	71	68	63	59	46	28	-	-	-	-	-	-
4SDPM 6/20C	14,6	450	80	2,2	3	3,25	125	107	102	97	92	86	80	62	40	-	-	-	-	-	-
4SDPM 8/4C	5,6	450	35	0,75	1	1,24	26	-	-	-	23	22	21	20	18	16	12	9	-	-	-
4SDPM 8/6C	7,6	450	40	1,1	1,5	1,71	38	-	-	-	35	34	33	31	28	24	19	14	-	-	-
4SDPM 8/8C	10,7	450	60	1,5	2	2,33	52	-	-	-	47	45	44	41	37	31	25	18	-	-	-
4SDPM 8/13C	14,6	450	80	2,2	3	3,25	82	-	-	-	75	73	71	66	59	50	40	30	-	-	-
4SDPM 16/8C	14,6	450	80	2,2	3	3,25	49	-	-	-	-	-	-	-	39	38	36	34	32	23	9

P2: Rated motor power output.

H: Total head in m

Coverage chart n ≈ 2900 rpm

Three-phase

Model	P2		Q = Flow										
			m³/h	0	2	4	6	8	10	12	14	16	18
			l/min		33,3	66,6	100	133	167	200	233	267	300
kW		HP		H (m) = Total head									
6SDN 12/10	4	5,5		111	102	95	89,5	85	80,5	73,5	64	52	37
6SDN 12/14	5,5	7,5		153,8	142	133	125	119	113	103	89,5	73	52
6SDN 12/19	7,5	10		209	193	181	170	162	153	140	122	99	70,5
6SDN 12/24	9,2	12,5		263,4	244	231	215	204	193	176	154	125	89
6SDN 12/29	11	15		317,8	294	276	260	247	233	213	186	151	107
6SDN 12/34	13	17,5		373,9	345	323	304	289	274	250	218	177	126

Model	P2		Q = Flow										
			m³/h	0	3	6	9	12	15	18	21	25	
			l/min		50	100	150	200	250	300	350	417	
kW		HP		H (m) = Total head									
6SDN 16/7	4	5,5		79,8	75	71	67	63,5	59	50	38	18,5	
6SDN 16/10	5,5	7,5		113,9	107	101	96	91	84	71,5	54,5	26	
6SDN 16/13	7,5	10		148	139	132	124	118	110	93	70,5	34	
6SDN 16/17	9,2	12,5		193,7	182	172	163	155	143	122	92,5	44,5	
6SDN 16/20	11	15		229,8	215	202	192	182	168	143	109	52,5	
6SDN 16/23	13	17,5		264,2	247	233	220	209	194	165	125	60	
6SDN 16/27	15	20		309,9	290	273	259	245	227	193	147	71	
6SDN 16/33	18,5	25		377,6	354	334	316	300	278	236	179	86,5	

Model	P2		Q = Flow											
			m³/h	0	5	9	12	15	18	21	24	27	30	33
			l/min		83,3	150	200	250	300	350	400	450	500	550
kW		HP		H (m) = Total head										
6SDN 21/5	4	5,5		59,4	54	51	48,5	46,5	45	41,5	36	29	21,5	11,5
6SDN 21/7	5,5	7,5		83	75,5	71,5	68	65	62,5	58	50	41	30	16
6SDN 21/9	7,5	10		106,5	97	92	87,5	83,5	80,5	74,5	64,5	53	38,5	21
6SDN 21/11	9,2	12,5		131,1	119	112	107	102	99	91	79	64	47	25,5
6SDN 21/14	11	15		165,6	151	143	136	130	125	116	100	81,5	60	32,5
6SDN 21/16	13	17,5		190,6	173	163	155	149	143	132	114	93	69	37
6SDN 21/19	15	20		225,1	205	194	185	176	170	157	136	111	81,5	44
6SDN 21/23	18,5	25		274,2	249	235	224	213	206	190	164	134	99	53
6SDN 21/28	22	30		333,6	303	286	272	260	251	231	200	163	120	64,5

P2: Rated motor power output.

H: Total head in m

Coverage chart n ≈ 2900 rpm

Three-phase

Model	P2		Q = Flow										
			m³/h	0	6	12	18	24	30	36	42	45	
			l/min		100	200	300	400	500	600	700	750	
kW		HP		H (m) = Total head									
6SD 18/3	4	5,5		44,3	42	39	36	32	27	20	12	8	
6SD 18/4	5,5	7,5		58,2	56	53	48	43	36	27	16	11	
6SD 18/5	7,5	10		73,8	70	66	60	53	45	34	21	13	
6SD 18/6	9,2	12,5		90,3	85	79	72	64	54	40	25	16	
6SD 18/7	9,2	12,5		105,7	100	93	84	75	63	46	28	19	
6SD 18/8	11	15		119,9	113	105	96	86	72	54	32	21	
6SD 18/9	13	17,5		133,7	127	119	108	96	81	60	37	24	
6SD 18/11	15	20		165,5	156	145	132	118	99	74	45	30	
6SD 18/13	18,5	25		193,2	184	172	157	139	117	87	52	35	
6SD 18/16	22	30		237,2	227	213	194	172	144	107	65	43	

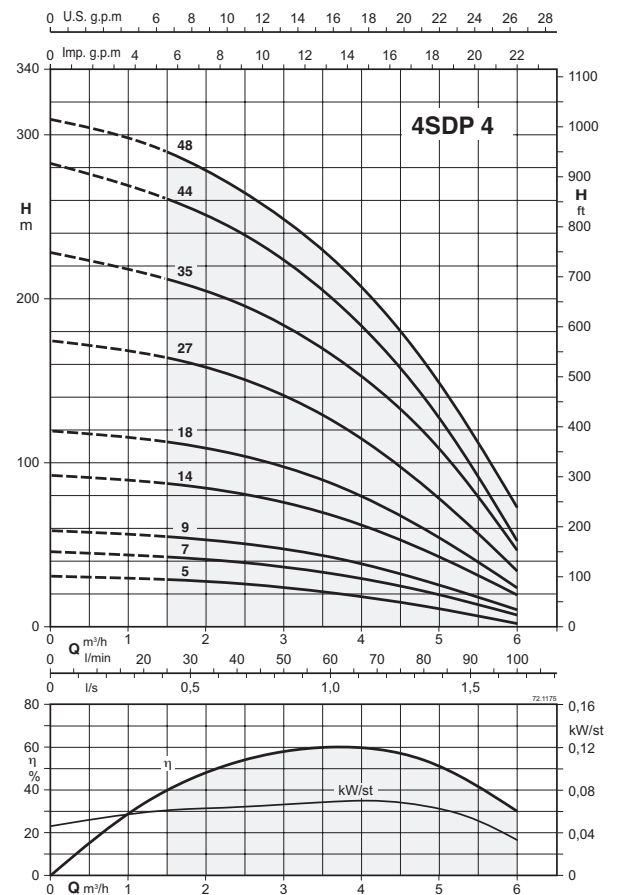
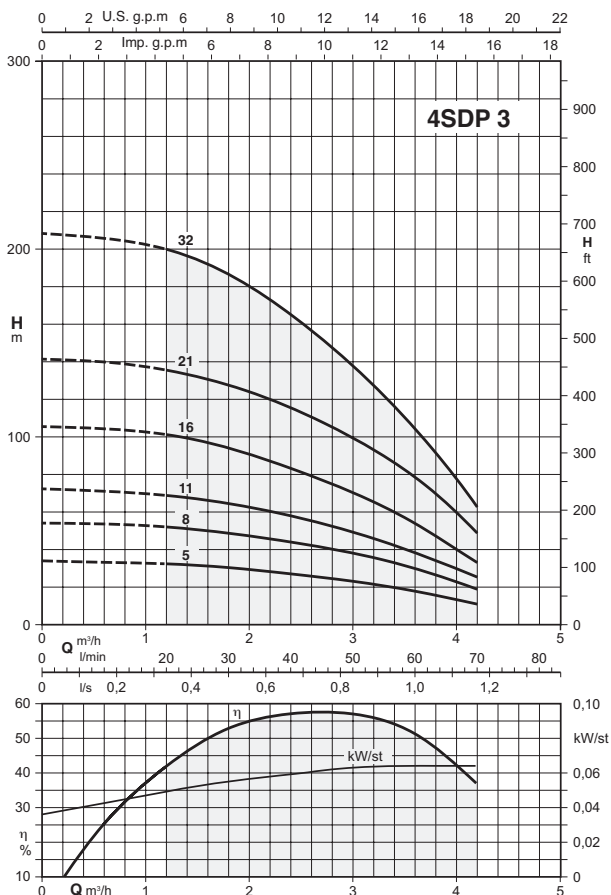
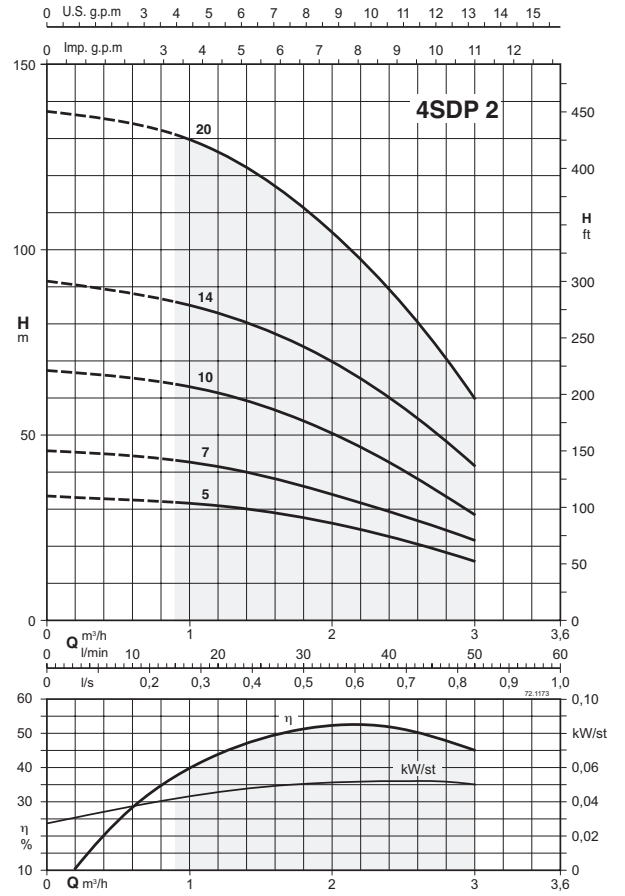
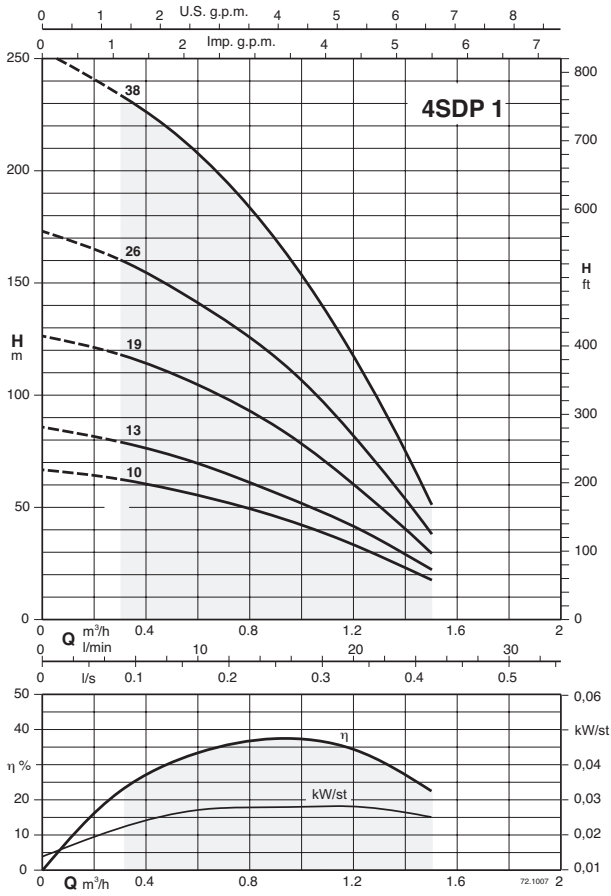
Model	P2		Q = Flow											
			m³/h	0	6	12	18	24	30	36	42	48	54	
			l/min		100	200	300	400	500	600	700	800	900	
kW		HP		H (m) = Total head										
6SD 19/2	4	5,5		30,4	30	29	27	25	22	19	15	10	6	
6SD 19/3	5,5	7,5		45,6	45	43	41	38	33	29	23	15	9	
6SD 19/4	7,5	10		60,8	60	57	55	50	45	38	30	21	12	
6SD 19/5	9,2	12,5		75,4	75	72	69	63	56	47	38	26	15	
6SD 19/6	11	15		91	90	86	82	75	67	56	45	31	18	
6SD 19/7	13	17,5		106,3	105	100	96	88	79	66	53	37	21	
6SD 19/8	15	20		120,7	120	115	110	101	89	75	60	42	24	
6SD 19/9	15	20		136	135	130	123	114	100	85	68	47	27	
6SD 19/11	18,5	25		166,4	165	158	151	139	123	104	83	58	33	
6SD 19/13	22	30		195,9	195	188	179	164	145	122	98	69	39	
6SD 19/17	30	40		255,9	255	245	234	215	190	160	127	90	51	

Model	P2		Q = Flow											
			m³/h	0	12	18	24	30	36	42	48	54	57	
			l/min		200	300	400	500	600	700	800	900	950	
kW		HP		H (m) = Total head										
6SD 20/2	5,5	7,5		28,7	31	30	29	28	24	21	17	13	11	
6SD 20/3	7,5	10		41	46	45	44	42	37	32	26	20	17	
6SD 20/4	9,2	12,5		59,6	62	60	58	55	49	42	35	26	22	
6SD 20/5	11	15		71,5	77	76	73	68	61	53	44	33	28	
6SD 20/6	13	17,5		87,3	93	91	87	83	73	63	53	40	34	
6SD 20/7	15	20		100,4	108	106	102	96	86	74	61	47	39	
6SD 20/8	18,5	25		121,1	124	120	115	110	99	85	70	53	45	
6SD 20/9	18,5	25		135,8	140	136	130	124	111	96	79	60	51	
6SD 20/10	22	30		149,8	155	151	144	138	123	106	88	67	56	
6SD 20/13	30	40		195,6	202	196	188	179	160	138	114	87	73	

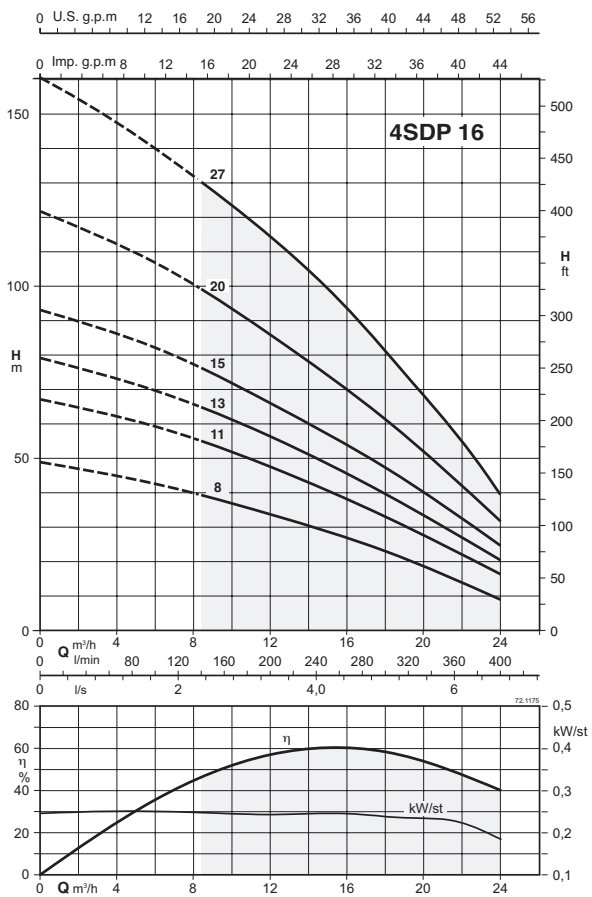
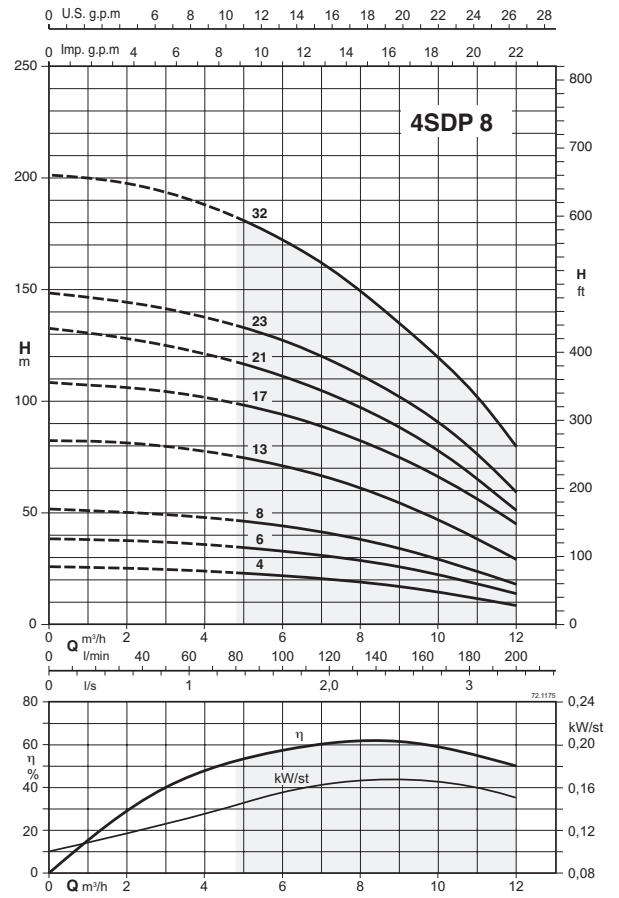
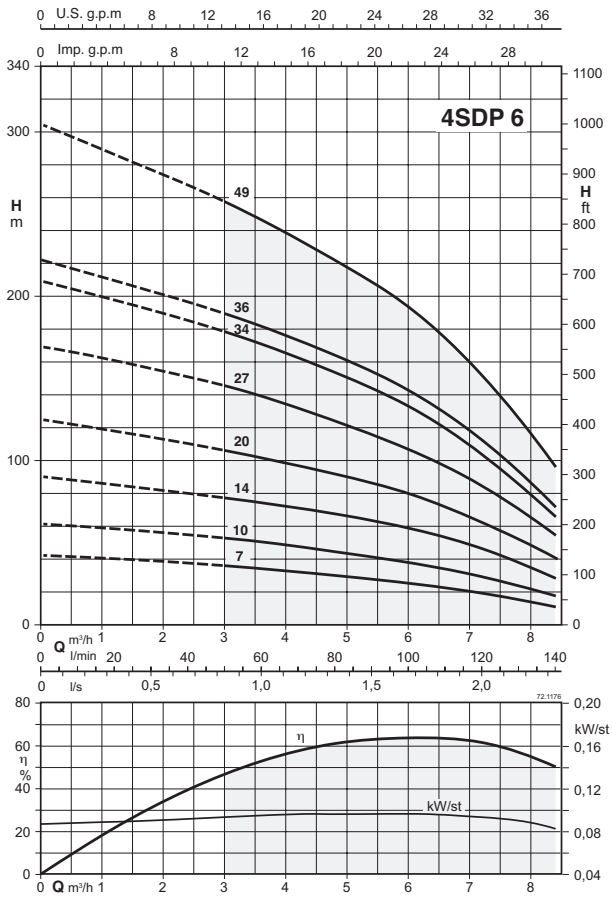
P2: Rated motor power output.

H: Total head in m

Characteristic curves $n \approx 2900$ rpm

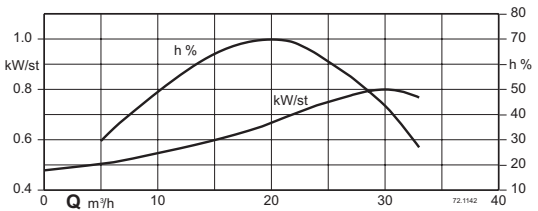
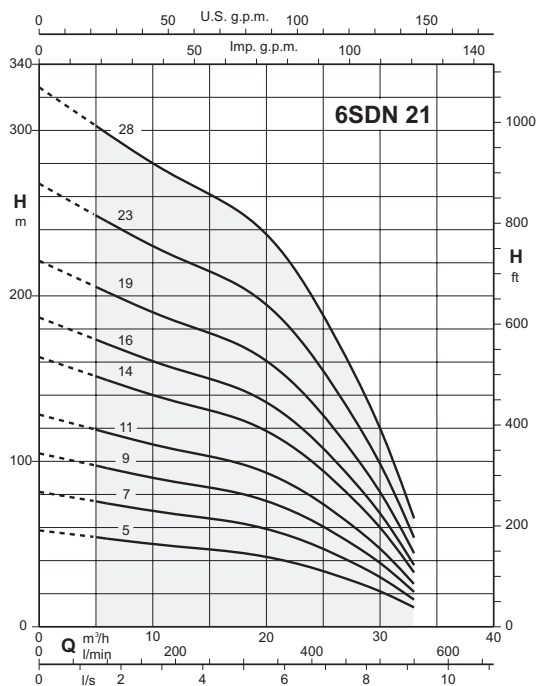
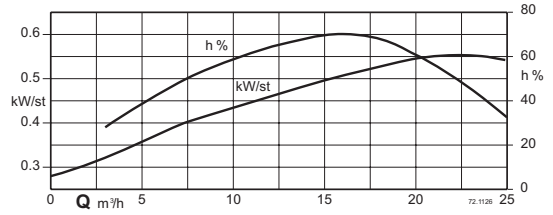
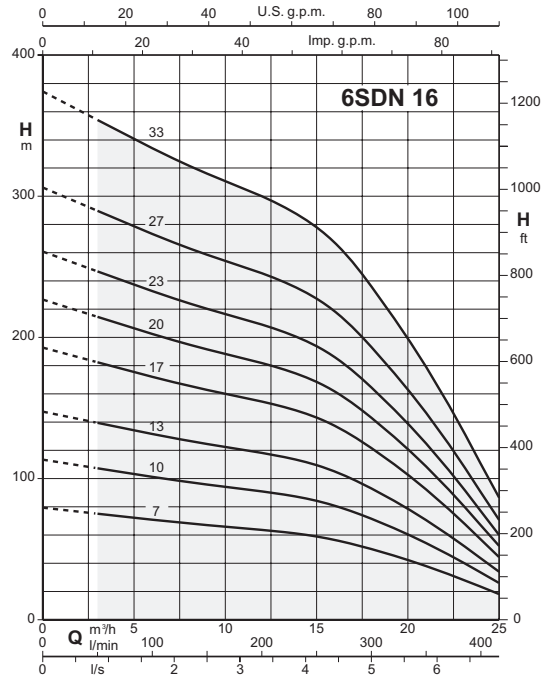
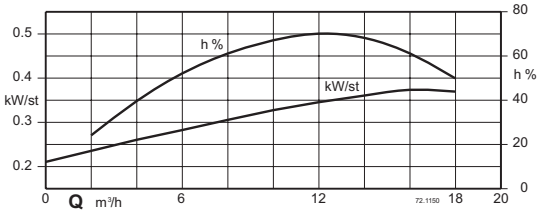
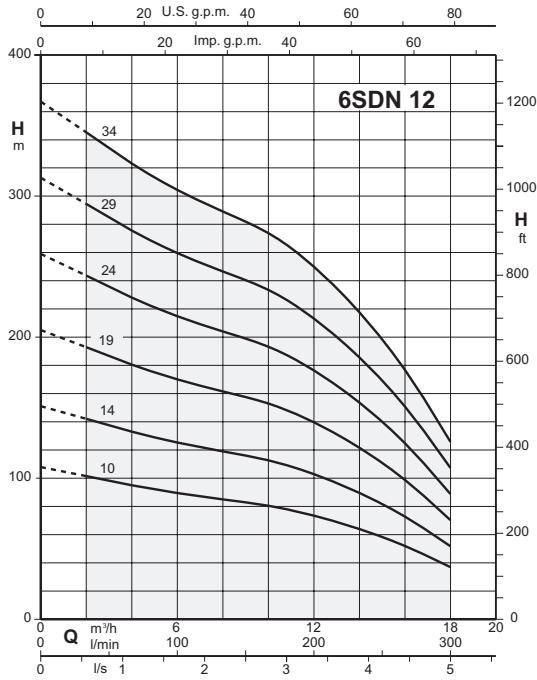


Characteristic curves $n \approx 2900$ rpm



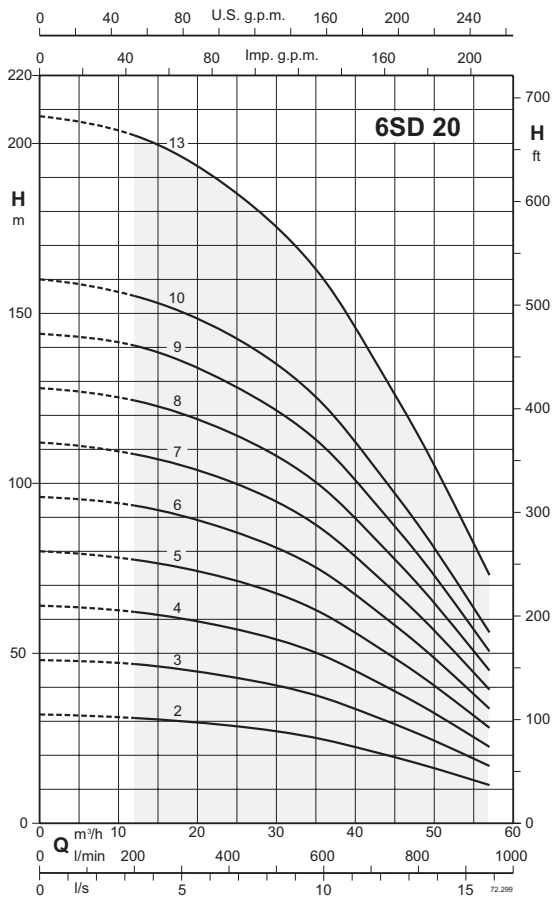
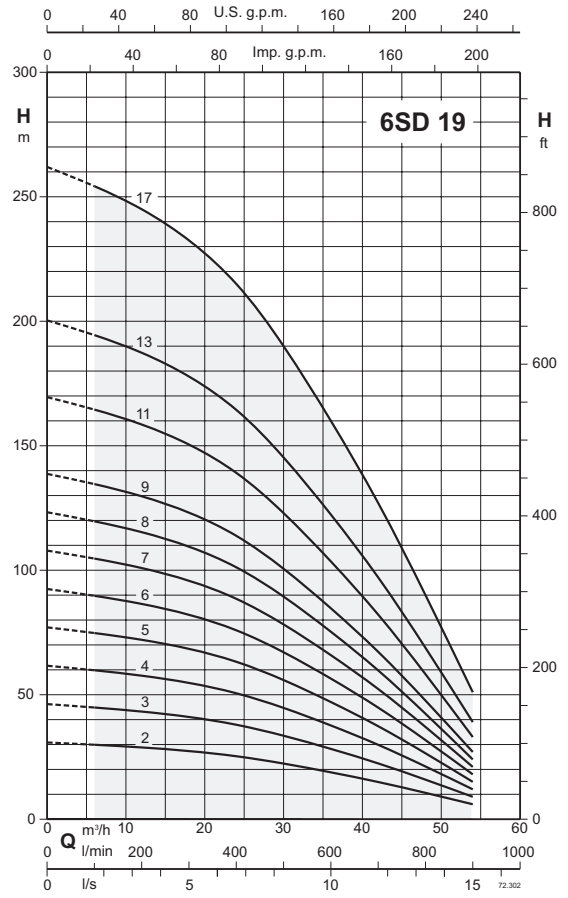
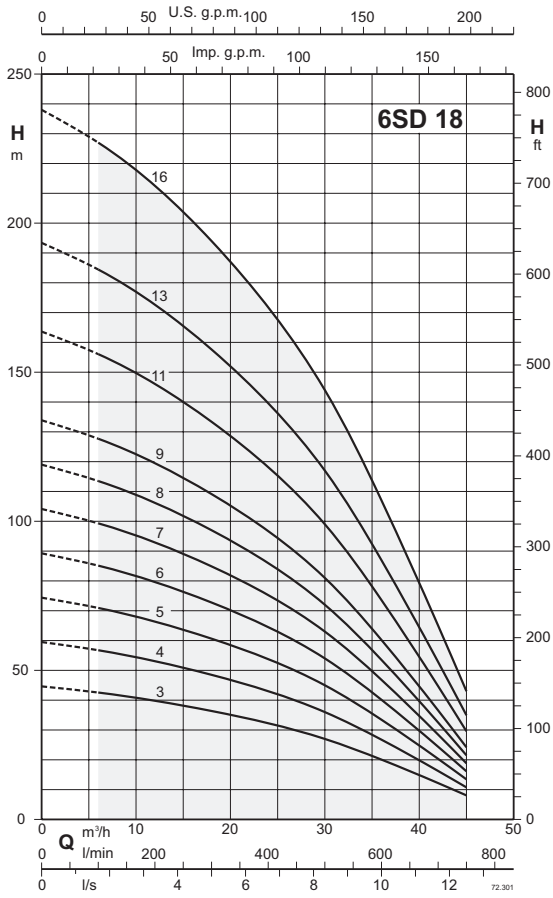
4SDP(M) 8,16 Pumps for specific applications with high sand content

Characteristic curves $n \approx 2900$ rpm



6SDN 12,16,21 Pumps for specific applications with high sand content

Characteristic curves $n \approx 2900$ rpm



6SD 18,19,20 Pumps for specific applications with high sand content

Dimensions and weights

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 1/10C	Rp 1 1/4"	324	651	98	10.6
4SDP 1/13C	Rp 1 1/4"	377	704	98	11.1
4SDP 1/19C	Rp 1 1/4"	481	808	98	13.1
4SDP 1/26C	Rp 1 1/4"	642	989	98	14.7
4SDP 1/38C	Rp 1 1/4"	864	1226	98	20.1

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 2/5C	Rp 1 1/4"	236	563	98	9.8
4SDP 2/7C	Rp 1 1/4"	271	598	98	10.1
4SDP 2/10C	Rp 1 1/4"	324	651	98	10.7
4SDP 2/14C	Rp 1 1/4"	394	741	98	12.9
4SDP 2/20C	Rp 1 1/4"	499	861	98	13.9
4SDP 2/28C	Rp 1 1/4"	680	1082	98	17
4SDP 2/40C	Rp 1 1/4"	885	1287	98	21

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 3/5C	Rp 1 1/4"	236	563	98	9.7
4SDP 3/8C	Rp 1 1/4"	289	616	98	11.2
4SDP 3/11C	Rp 1 1/4"	342	689	98	11
4SDP 3/16C	Rp 1 1/4"	430	792	98	12.5
4SDP 3/21C	Rp 1 1/4"	519	921	98	17.9
4SDP 3/32C	Rp 1 1/4"	787	1189	98	19.3

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 4/5C	Rp 1 1/4"	257	584	98	9.8
4SDP 4/7C	Rp 1 1/4"	301	628	98	11.2
4SDP 4/9C	Rp 1 1/4"	344	691	98	11
4SDP 4/14C	Rp 1 1/4"	452	814	98	13.1
4SDP 4/18C	Rp 1 1/4"	538	940	98	15.6
4SDP 4/27C	Rp 1 1/4"	805	1207	98	18.7
4SDP 4/35C	Rp 1 1/4"	972	1453	98	23.5
4SDP 4/44C	Rp 1 1/4"	1166	1712	98	28.5
4SDP 4/48C	Rp 1 1/4"	1291	1837	98	29.6

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 6/7C	Rp 2"	390	737	98	12
4SDP 6/10C	Rp 2"	483	845	98	13.5
4SDP 6/14C	Rp 2"	607	1009	98	16.3
4SDP 6/20C	Rp 2"	831	1233	98	19.5
4SDP 6/27C	Rp 2"	1086	1567	98	24.5
4SDP 6/34C	Rp 2"	1295	1841	98	29.7
4SDP 6/36C	Rp 2"	1356	1902	98	30.2
4SDP 6/49C	Rp 2"	1840	2486	98	41

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDP 8/4C	Rp 2"	294	641	98	11.1
4SDP 8/6C	Rp 2"	356	718	98	12.5
4SDP 8/8C	Rp 2"	418	820	98	16.3
4SDP 8/13C	Rp 2"	573	975	98	16.7
4SDP 8/17C	Rp 2"	697	1178	98	20.5
4SDP 8/21C	Rp 2"	859	1405	98	24.9
4SDP 8/23C	Rp 2"	959	1505	98	25.9
4SDP 8/32C	Rp 2"	1276	1922	98	33.8

TYPE	DN2	mm				kg
		f	fM	I4	I5	Weight
4SDP 16/8C	Rp 2"	676	1078	4"	98	17.5
4SDP 16/11C	Rp 2"	880	1361	4"	98	20.5
4SDP 16/13C	Rp 2"	1013	1559	4"	98	26.2
4SDP 16/15C	Rp 2"	1149	1695	4"	98	27.3
4SDP 16/20C	Rp 2"	1489	2135	4"	98	35
4SDP 16/27C	Rp 2"	2020	2820	4"	98	-

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 1/10C	Rp 1 1/4"	324	651	98	10.5
4SDPM 1/13C	Rp 1 1/4"	377	704	98	11.5
4SDPM 1/19C	Rp 1 1/4"	481	843	98	11.2
4SDPM 1/26C	Rp 1 1/4"	642	1004	98	15.2
4SDPM 1/38C	Rp 1 1/4"	864	1266	98	20.4

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 2/5C	Rp 1 1/4"	236	563	98	9.3
4SDPM 2/7C	Rp 1 1/4"	271	598	98	10
4SDPM 2/10C	Rp 1 1/4"	324	686	98	12
4SDPM 2/14C	Rp 1 1/4"	394	756	98	11.6
4SDPM 2/20C	Rp 1 1/4"	499	901	98	16
4SDPM 2/28C	Rp 1 1/4"	680	1127	98	19.8
4SDPM 2/40C	Rp 1 1/4"	885	1402	98	25.1

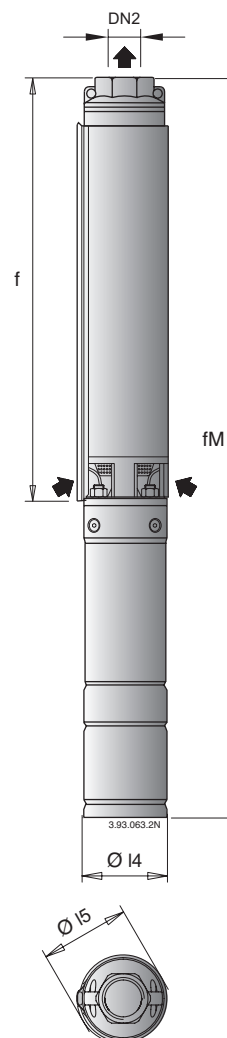
TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 3/5C	Rp 1 1/4"	236	563	98	9.6
4SDPM 3/8C	Rp 1 1/4"	289	651	98	12
4SDPM 3/11C	Rp 1 1/4"	342	704	98	12.3
4SDPM 3/16C	Rp 1 1/4"	430	832	98	14.8
4SDPM 3/21C	Rp 1 1/4"	519	966	98	18.3
4SDPM 3/32C	Rp 1 1/4"	787	1304	98	23.5

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 4/5C	Rp 1 1/4"	257	584	98	9.7
4SDPM 4/7C	Rp 1 1/4"	301	663	98	11.6
4SDPM 4/9C	Rp 1 1/4"	344	706	98	12.1
4SDPM 4/14C	Rp 1 1/4"	452	854	98	14.7
4SDPM 4/18C	Rp 1 1/4"	538	985	98	17.3
4SDPM 4/27C	Rp 1 1/4"	805	1322	98	22.8

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 6/7C	Rp 2"	390	752	98	12.5
4SDPM 6/10C	Rp 2"	483	885	98	15
4SDPM 6/14C	Rp 2"	607	1054	98	18.1
4SDPM 6/20C	Rp 2"	831	1348	98	23.1

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 8/4C	Rp 2"	294	656	98	11.7
4SDPM 8/6C	Rp 2"	356	758	98	14
4SDPM 8/8C	Rp 2"	418	865	98	16.9
4SDPM 8/13C	Rp 2"	573	1090	98	21.2

TYPE	DN2	mm			kg
		f	fM	I5	Weight
4SDPM 16/8C	Rp 2"	676	1193	98	21.6



Dimensions and weights

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SDN 12/10	G 3"	715	6"	147	14.6
6SDN 12/14	G 3"	870	6"	147	16.3
6SDN 12/19	G 3"	1060	6"	147	19.3
6SDN 12/24	G 3"	1320	6"	147	22.3
6SDN 12/29	G 3"	1510	6"	147	24.8
6SDN 12/34	G 3"	1705	6"	147	28.4

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SDN 16/7	G 3"	600	6"	147	13.1
6SDN 16/10	G 3"	715	6"	147	14.5
6SDN 16/13	G 3"	830	6"	147	16.3
6SDN 16/17	G 3"	985	6"	147	18
6SDN 16/20	G 3"	1100	6"	147	19.5
6SDN 16/23	G 3"	1285	6"	147	21.6
6SDN 16/27	G 3"	1435	6"	147	23.5
6SDN 16/33	G 3"	1665	6"	147	26.7

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SDN 21/5	G 3"	565	6"	147	13
6SDN 21/7	G 3"	660	6"	147	13.7
6SDN 21/9	G 3"	755	6"	147	14.6
6SDN 21/11	G 3"	850	6"	147	16
6SDN 21/14	G 3"	990	6"	147	18.5
6SDN 21/16	G 3"	1085	6"	147	19
6SDN 21/19	G 3"	1225	6"	147	20.5
6SDN 21/23	G 3"	1480	6"	147	23.3
6SDN 21/28	G 3"	1710	6"	147	26.1

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SD 18/3	G 3"	647	6"	151	14.5
6SD 18/4	G 3"	756	6"	151	17.2
6SD 18/5	G 3"	865	6"	151	17.6
6SD 18/6	G 3"	974	6"	151	19
6SD 18/7	G 3"	1083	6"	151	21.8
6SD 18/8	G 3"	1192	6"	151	22.4
6SD 18/9	G 3"	1301	6"	151	23.5
6SD 18/11	G 3"	1519	6"	151	27
6SD 18/13	G 3"	1737	6"	151	30
6SD 18/16	G 3"	2064	6"	151	5

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SD 19/2	G 3"	538	6"	151	13
6SD 19/3	G 3"	647	6"	151	15
6SD 19/4	G 3"	756	6"	151	15.9
6SD 19/5	G 3"	865	6"	151	17.4
6SD 19/6	G 3"	974	6"	151	19
6SD 19/7	G 3"	1083	6"	151	20
6SD 19/8	G 3"	1192	6"	151	22.3
6SD 19/9	G 3"	1301	6"	151	23.6
6SD 19/11	G 3"	1519	6"	151	27
6SD 19/13	G 3"	1737	6"	151	30
6SD 19/17	G 3"	2173	6"	151	37

TYPE	mm				kg Weight
	DN2	f	l4	l5	
6SD 20/2	G 3"	538	6"	151	12.7
6SD 20/3	G 3"	647	6"	151	14.2
6SD 20/4	G 3"	756	6"	151	16
6SD 20/5	G 3"	865	6"	151	17.5
6SD 20/6	G 3"	974	6"	151	19
6SD 20/7	G 3"	1083	6"	151	20.7
6SD 20/8	G 3"	1192	6"	151	22.2
6SD 20/9	G 3"	1301	6"	151	23.6
6SD 20/10	G 3"	1410	6"	151	24.1
6SD 20/13	G 3"	1737	6"	151	30

