

BE
PUMPING
PARTNERS

SX, SN, SD

SDROO Series

Submersible
borehole pump
50Hz



hydroo®

HYDROO is present in all the European markets by means of a distribution network focused on the service and the valuation of the pumping business. HYDROO conceives, researches, develops, designs, industrializes, and manufactures a wide range of pumping solutions for the most demanding applications in industrial markets, irrigation, water supply and water treatment as well as in residential and commercial buildings. The values of operational excellence, experience, reliability, and passion for a well-done job guide the daily work of the Hydroo team together with our partners and distributors. The global challenges of water management require excellence in pumping technologies and a joint effort between designers, manufacturers, and pumping engineers. To meet the needs of the market in the more demanding installations Hydroo is firmly committed to manufacturing the best pumping equipment on the market following and sharing our values worldwide.

The Hydroo values are presented in 5 great concepts that we summarize in our motto Hy5, which are our principles and commitments:

BE PUMPING PARTNERS



L'Estany de Banyoles (Pla del Estany county, Catalonia)

The lake of Banyoles is an amazing natural space, of great geological, ecological, landscape and cultural value. You can walk and enjoy their most emblematic corners or practice numerous sports and leisure activities nearby.

Coordinates:
Longitude: 2.75656
Latitude: 42.13101



hymotion

Value proposal based on the reliability of products enhancing the quality, the development of efficient supply chains, the productivity with the love of craftsmen at every step of the manufacturing and production lines. We move with the commitment to improve pumping systems, make them more efficient, more reliable, more digitized, more at the service of the human development.



hylite

Contribution to preservation of the environment and to sustainability. We reduce the environmental impact and footprint of carbon. We contribute to the development of the circular economy. Our team stand out for the highest standards of energy efficiency.



hyficient

The use of the most advanced analytical, development and simulation tools allows us to optimize our R&D teamwork results. We maximize the study of materials, efficient hydraulics, mechanical improvements and the optimization of our motors up to 200 kW. The results are robust, reliable, flexible, adjustable, multipurpose, and user-friendly pumping equipment.



hynovative

Commitment to implementation of the innovation process as strategic pillar of the company. Transfer new ideas to realities that evolve pumping industry and internalize the process in each job position to offer market improvements.



hyliance

We are the factory of our customers. Without solution of continuity between the value chain starting in the components production plants and ending with amortization of the pumping equipment operating at full performance for years and giving satisfaction to distributors, project engineers and pumping systems managers. We make real our catchphrase **Be Pumping Partners**.



INDEX

Description and features	06
Definition of the model, sectional drawing and materials	08
SX, SN 1	10
SX, SN 3	11
SX, SN 5	12
SX, SN 8	13
SX, SN 12	14
SX, SN 17	15
SX, SN 30	16
SX, SN 42	17
SX, SN 60	18
SX, SN 75	19
SX, SN 95	20
SX, SN 120	21
SX, SN 150	22
SX, SN 200	23
SX, SN, SD 6 65	24
SX, SN, SD 8 80	25
SX, SN, SD 8 90	26
SX, SN, SD 8 100	27
SX, SN, SD 8 125	28
SX, SN, SD 8 150	29
SX, SN, SD 10 200	30
SX, SN, SD 10 225	32
SX, SN, SD 10 245	33
SX, SN, SD 12 275	34
SX, SN, SD 12 365	35
SX, SN, SD 12 445	37
HY04	40
HYA4	42
HY06	44
HYA6	46
HYA8/HYA10	48

SX SN SD

Stainless steel submersible pumps

Description

Multistage submersible pumps fully made in stainless steel. Built-in non-return valve included. Made by stamping and welding or made of micro-precision casted stainless steel. Motors according to NEMA standards.

Performance range

Capacity: Q up to 540 m³/h
Head: H up to 450 m
Temperature: T up to 50 °C
Speed: n 2900 rpm or 3500 rpm
Power: P up to 350 kW

Standard material

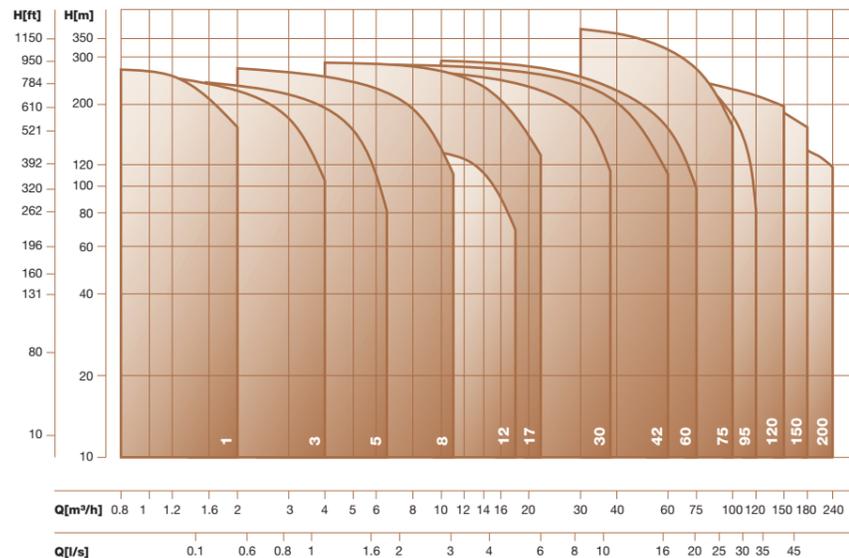
All parts are made in stainless steel. SX fully made in AISI304 SS, SN in AISI316 and SD in Duplex material.

Applications

- Water supply from deep wells and dams
- Irrigation
- Sprinkling and boosting
- Fire fighting applications
- Washing systems
- Mining



Performance scope



Typical applications

- Any application in the industrial, irrigation and building sector.
- Specially designed for municipal water supply from deep wells and dams or reservoirs.
- Also for direct boosting and water supply to industries, buildings, fountains or fire-fighting systems.
- Any sort of irrigation and agricultural application.
- Mining.

Operation conditions

- Clean water with suspended sand up to 100 g/m³.
- Not admitted fibres.
- Immersion depth up to 300 m.
- Maximum working pressure 38 bar.– Horizontal installation suitable with a minimum inclination of 5°.
- Liquid pH 6.5 - 8.5.

- For horizontal installations and open wells or reservoirs it is recommended the use of a cooling shroud, available on request.
- Special version made in Duplex for corrosive liquids, including salty water and sea water..

Curve conditions

- The curve tolerance complies with ISO9906 Annex A.
- All curves are based on the measured values of 50Hz: constant motor speed 2850r/min or 2900r/min.
- All measurements are carried out with gas-free water of temperature 20 °C. The curve is applicable to kinematical viscosity 1mm²/s. In case density of the liquid conveyed by the pump is higher than that of water, it is necessary to use corresponding motor of higher output power.
- The thickened curve means the recommended performances scope.
- The performance curve includes loss caused by check valve etc.

Performance curves

- All pumps are tested before shipment according to ISO9906:2012 Grade 3B.
- Tests are carried on with clean water at 20°C and viscosity 1 mm²/s.
- All pump performs MEI rates ≥0.4.
- The operation of pump shall refer to the performance region described by the thickened curve to prevent overheating due to too small ow rate or overload of motor due to too large ow rate.

NEMA Motor

- 4" Motor. Single phase: 0.37 kW–2.2 kW Three phase: 0.37 kW–7.5 kW
- 6" Motor: 4 kW–37 kW
- 8" and 10" Motor: 5.5 kW–129 kW

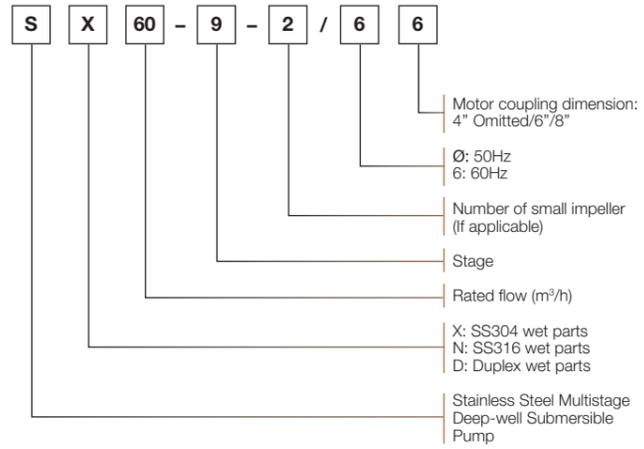
Product range

Description	SX, SN 1	SX, SN 3	SX, SN 5	SX, SN 8	SX, SN 12	SX, SN 17	SX, SN 30
Rate flow [m ³ /h]	1	3	5	8	12	17	30
Rate flow [l/s]	0.28	0.83	1.39	2.22	3.33	4.72	8.33
Flow range [m ³ /h]	0.2–2	0.8–4	1–6.5	2–11	3–18	4–22	5–38
Flow range [l/s]	0.06–0.56	0.22–1.1	0.28–1.8	0.56–3.1	0.83–5	1.11–6.1	1.39–10.6
Max. pressure [bar]	28	25	24	27	16	26	28
Motor power [kW]	0.37–2.2	0.37–3	0.37–4	0.75–7.5	1.5–7.5	0.55–15	1.1–22
Temp. [°C]	45	56	59	60	60	73	74
Pipe screw joint	Rp1¼	Rp1¼	Rp1½	Rp2	Rp2	Rp2½	Rp3

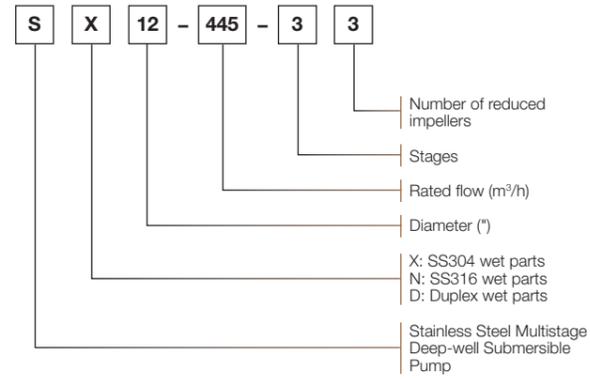
Description	SX, SN 42	SX, SN 60	SX, SN 75	SX, SN 95	SX, SN 120	SX, SN 150	SX, SN 200
Rate flow [m ³ /h]	42	60	75	95	120	150	200
Rate flow [l/s]	11.7	16.7	20.8	26.4	33.3	41.6	55.6
Flow range [m ³ /h]	5–60	10–75	30–100	40–120	60–150	80–180	100–240
Flow range [l/s]	1.39–16.7	2.8–20.8	8.3–27.8	11.1–33.3	16.5–41.6	22.2–50	27.8–66.7
Max. pressure [bar]	28	29	38	34	25	23	16
Motor power [kW]	1.1–37	2.2–37	7.5–75	9.2–75	11–110	9.2–110	30–110
Temp. [°C]	75	79	79	80	77	77	79
Pipe screw joint	Rp3	Rp4	Rp5	Rp5	Rp6	Rp6	Rp6

Definition of model

Stamped versions



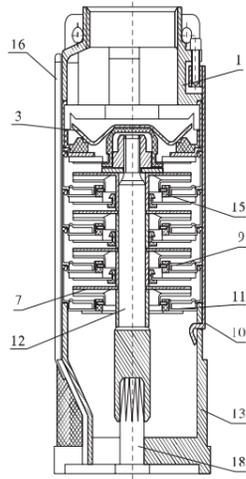
Casted version



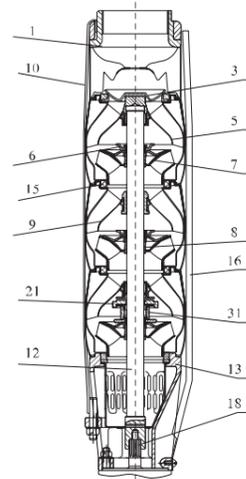
Material

N°	Name	Material	AISI
1	Discharge head	SS304/SS316	AISI304/AISI316
3	Valve cap	SS304/SS316	AISI304/AISI316
5	Discharge diffuser	SS304/SS316	AISI304/AISI316
6	Impeller nut	SS304/SS316	AISI304/AISI316
7	Impeller	SS304/SS316	AISI304/AISI316
8	Impeller cone	SS304/SS316	AISI304/AISI316
9	Diffuser	SS304/SS316	AISI304/AISI316
10	Straps	SS304/SS316	AISI304/AISI316
11	Inducer	SS304/SS316	AISI304/AISI316
12	Pump shaft	SS304/420/431	AISI304/316/420/431
13	Suction Interconnector	SS304/SS316	AISI304/AISI316
15	Neck ring	SS304/SS316	AISI304/AISI316
16	Cable guard	SS304/SS316	AISI304/AISI316
18	Submersible motor	Carbon	Carbon
21	Inlet spacer	Carbon	AISI304/AISI316
31	Connecting sleeve	SS304/SS316	AISI304/AISI316

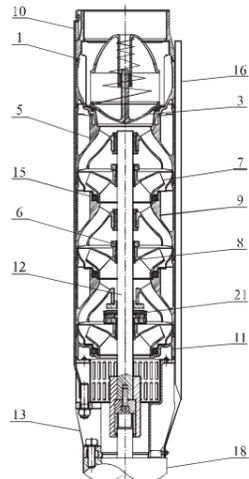
Section drawing



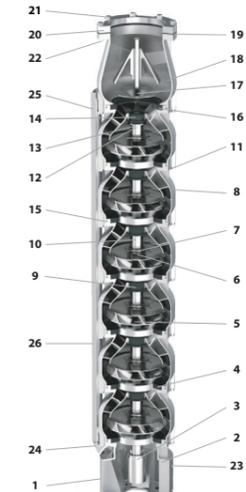
Ex: SX, SN 5



Ex: SX, SN 42



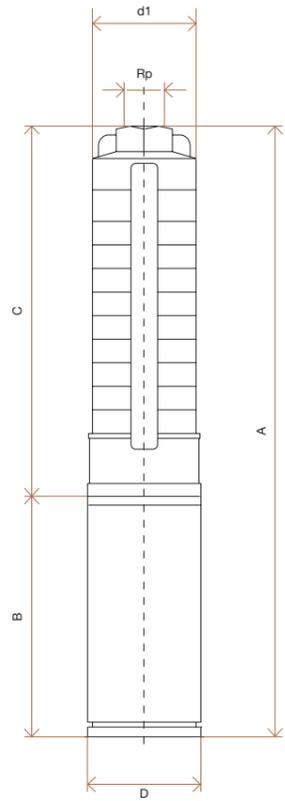
Ex: SX, SN 95



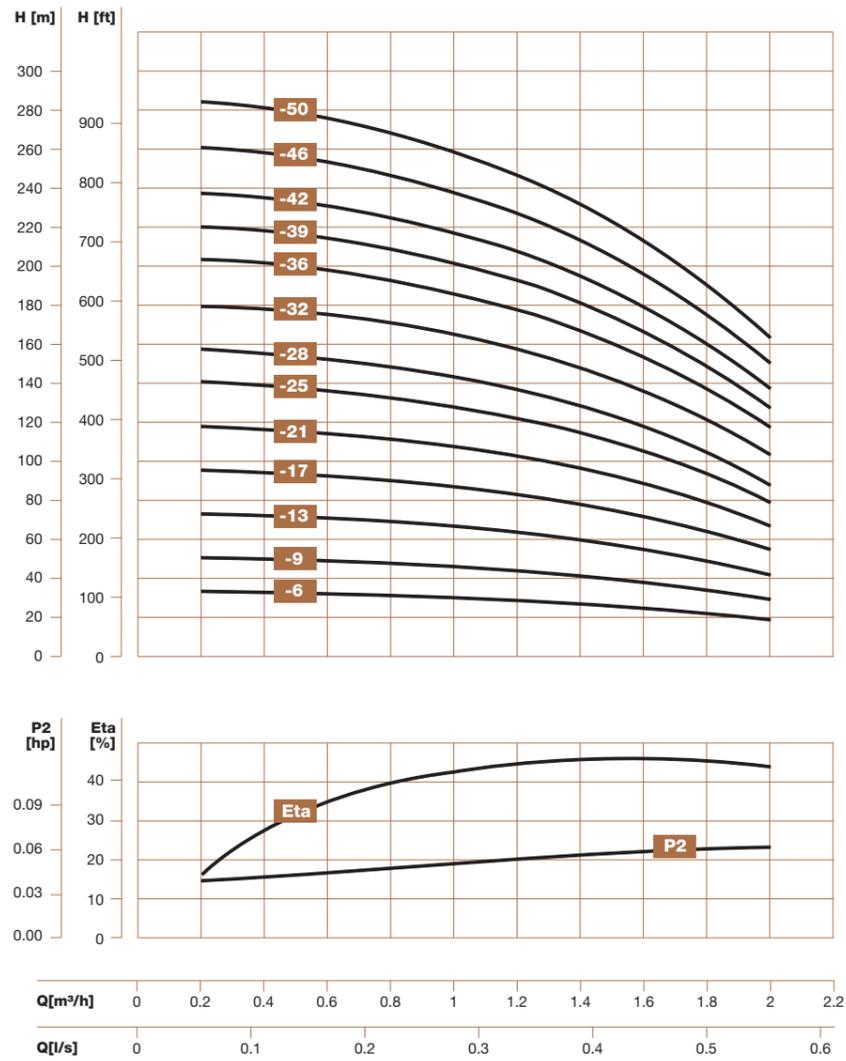
Ex: SX, SN, SD 6-8-10-12

SX, SN 1

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

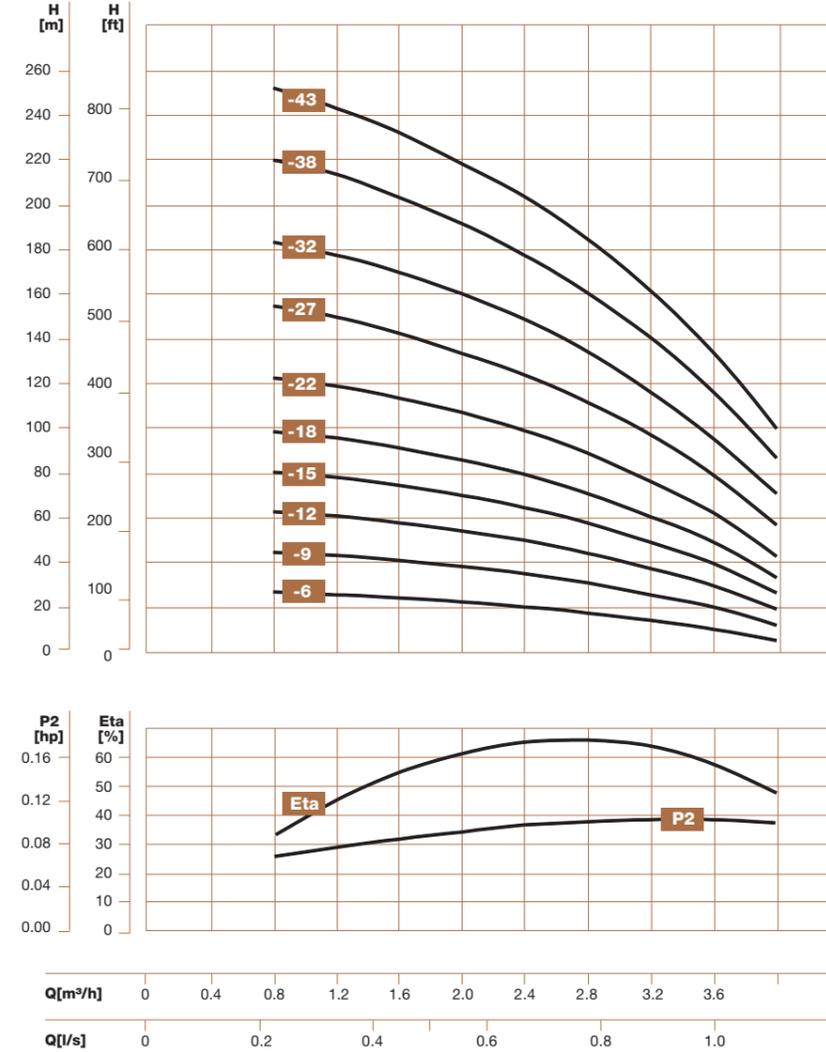
Model 4"	P2		Q (m³/h)	Q											
	kW	HP		0	0,4	0,6	0,8	1	1,2	1,4	1,6	1,8	2		
SX, SN1-6	0,37	0,5	mca	33,5	33	32	31	30	29	27	25	22	19		
SX, SN1-9	0,37	0,5		51	50	49	48	46	44	41	38	34	29		
SX, SN1-13	0,55	0,75		73	72	71	69	67	64	60	55	49	42		
SX, SN1-17	0,75	0,75		96	95	92	90	87	84	78	71	64	55		
SX, SN1-21	1,1	1,5		119	118	115	112	108	103	97	89	80	69		
SX, SN1-25	1,1	1,5		141	140	137	134	129	123	116	106	95	82		
SX, SN1-28	1,5	2		158	157	153	150	145	138	130	119	107	92		
SX, SN1-32	1,5	2		180	179	175	171	165	158	148	136	122	105		
SX, SN1-36	1,5	2		203	202	197	192	186	178	167	153	137	118		
SX, SN1-39	2,2	3		221	219	214	209	202	193	181	166	149	128		
SX, SN1-42	2,2	3		238	236	230	225	217	208	195	179	160	137		
SX, SN1-46	2,2	3		260	258	252	246	238	227	213	196	176	151		
SX, SN1-50	2,2	3	284	282	276	269	260	248	233	214	192	165			

Size and weight

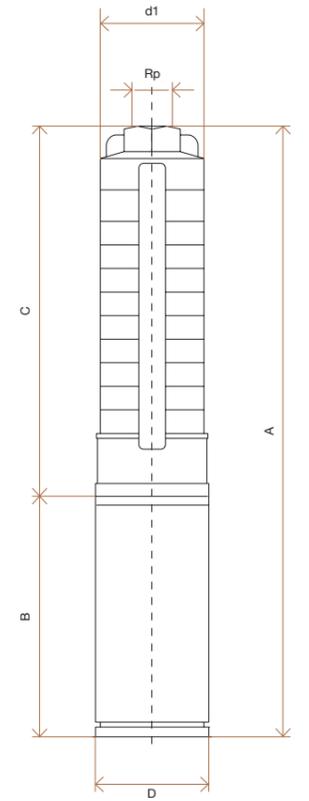
Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN1-6	667	370	297	96	100	1" 1/4	12
SX, SN1-9	703	370	360	96	100	1" 1/4	13
SX, SN1-13	824	380	444	96	100	1" 1/4	15
SX, SN1-17	928	400	528	96	100	1" 1/4	17
SX, SN1-21	1052	440	612	96	100	1" 1/4	19
SX, SN1-25	1136	440	696	96	100	1" 1/4	20
SX, SN1-28	1229	470	759	96	100	1" 1/4	23
SX, SN1-32	1313	470	843	96	100	1" 1/4	24
SX, SN1-36	1397	470	927	96	100	1" 1/4	25
SX, SN1-39	1500	510	990	96	100	1" 1/4	29
SX, SN1-42	1563	510	1053	96	100	1" 1/4	30
SX, SN1-46	1647	510	1137	96	100	1" 1/4	31
SX, SN1-50	1731	510	1221	96	100	1" 1/4	32

SX, SN 3

Performance curve ISO9906 Annex A 2850rpm



Installation sketch



Performance table

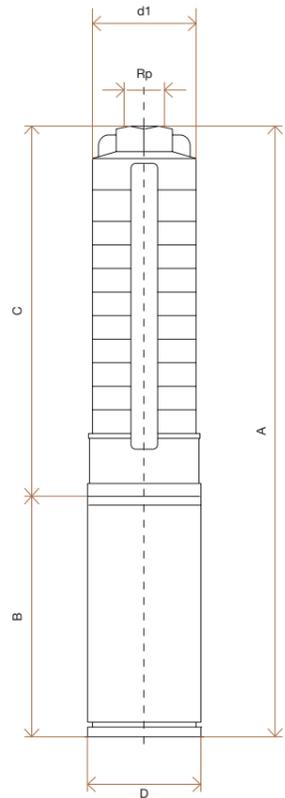
Model 4"	P2		Q (m³/h)	Q											
	kW	HP		0	1,2	1,6	2	2,4	2,8	3	3,2	3,6	4		
SX, SN3-6	0,37	0,5	mca	38	34	32	30	28	26	24	23	18	13		
SX, SN3-9	0,55	0,75		55	51	48	45	42	38	36	33	27	20		
SX, SN3-12	0,75	1		71	68	64	61	57	52	49	44	37	27		
SX, SN3-15	1,1	1,5		90	85	81	77	72	65	61	56	47	34		
SX, SN3-18	1,1	1,5		110	103	97	92	87	78	74	68	57	42		
SX, SN3-22	1,5	2		130	126	120	113	106	96	91	84	70	53		
SX, SN3-27	2,2	3		162	154	146	138	130	118	111	104	87	66		
SX, SN3-32	2,2	3		193	183	173	163	154	140	131	122	102	79		
SX, SN3-38	3	4		226	217	205	194	183	168	157	146	122	94		
SX, SN3-43	3	4		261	246	233	220	207	190	178	166	139	107		

Size and weight

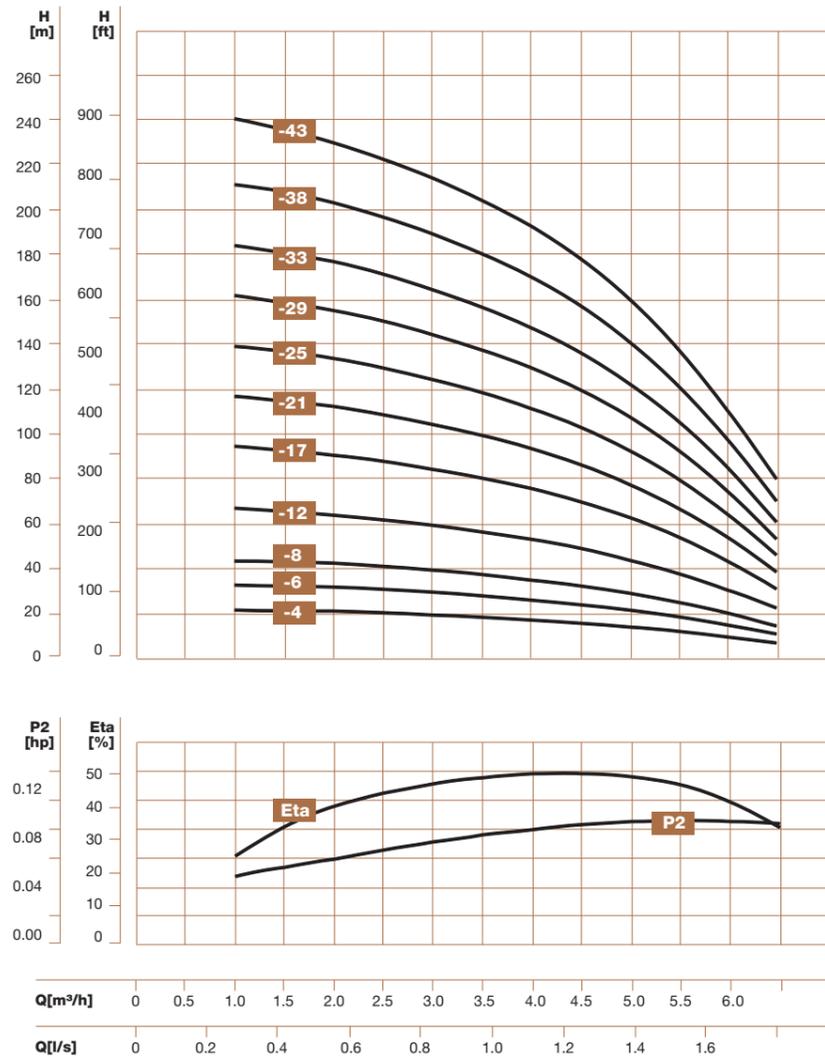
Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN3-6	667	370	297	96	100	1" 1/4	12
SX, SN3-9	740	380	360	96	100	1" 1/4	13
SX, SN3-12	823	400	423	96	100	1" 1/4	16
SX, SN3-15	926	440	486	96	100	1" 1/4	18
SX, SN3-18	999	440	549	96	100	1" 1/4	19
SX, SN3-22	1103	470	633	96	100	1" 1/4	22
SX, SN3-27	1248	510	738	96	100	1" 1/4	27
SX, SN3-32	1353	510	843	96	100	1" 1/4	28
SX, SN3-38	1589	620	969	96	100	1" 1/4	31
SX, SN3-43	1694	620	1074	96	100	1" 1/4	32

SX, SN 5

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

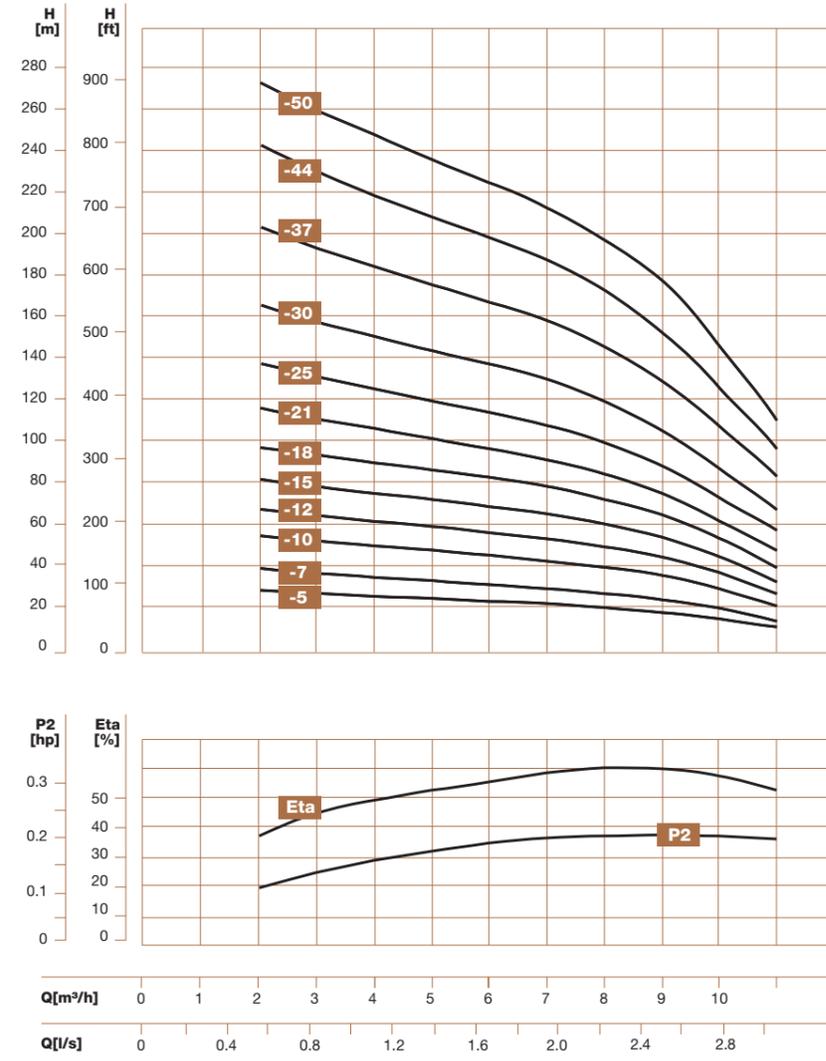
Model 4"	P2		Q (m³/h)	Q										
	kW	HP		0	2	3	3,5	4	4,5	5	5,5	6	6,5	
SX, SN5-4	0,37	0,5	mca	21	20.5	20	19	18	17	15	13	10	6	
SX, SN5-6	0,55	0,75		34	31	30	28	27	25	22	19	15	11	
SX, SN5-8	0,75	1		43	42	40	36	36	33	30	25	20	15	
SX, SN5-12	1,1	1,5		70	63	59	57	54	50	45	38	30	23	
SX, SN5-17	1,5	2		97	91	84	80	76	71	64	54	43	32	
SX, SN5-21	2,2	3		120	112	104	99	94	87	79	67	53	39	
SX, SN5-25	2,2	3		141	134	124	118	112	104	94	80	64	47	
SX, SN5-29	3	4		163	155	144	137	130	120	108	92	74	55	
SX, SN5-33	3	4		184	177	163	156	148	137	123	105	84	62	
SX, SN5-38	4	5,5		217	203	188	178	170	158	142	121	97	71	
SX, SN5-43	4	5,5	246	230	213	203	193	179	161	137	109	81		

Size and weight

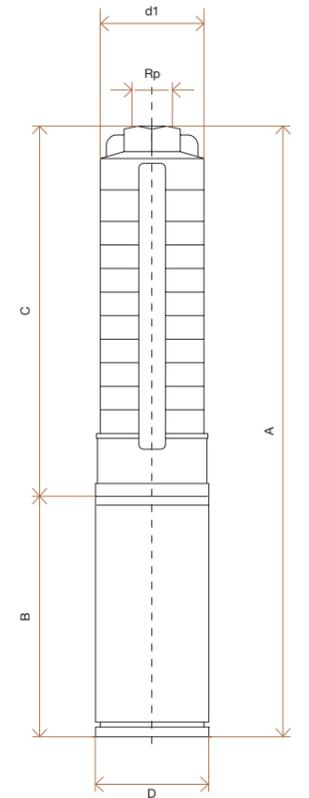
Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN5-4	625	370	255	96	100	1" 1/2	12
SX, SN5-6	677	380	297	96	100	1" 1/2	13
SX, SN5-8	739	400	339	96	100	1" 1/2	15
SX, SN5-12	863	440	423	96	100	1" 1/2	17
SX, SN5-17	998	470	528	96	100	1" 1/2	21
SX, SN5-21	1122	510	612	96	100	1" 1/2	26
SX, SN5-25	1206	510	696	96	100	1" 1/2	27
SX, SN5-29	1400	620	780	96	100	1" 1/2	29
SX, SN5-33	1484	620	864	96	100	1" 1/2	30
SX, SN5-38	1719	750	969	96	100	1" 1/2	33
SX, SN5-43	1824	750	1074	96	100	1" 1/2	35

SX, SN 8

Performance curve ISO9906 Annex A 2850rpm



Installation sketch



Performance table

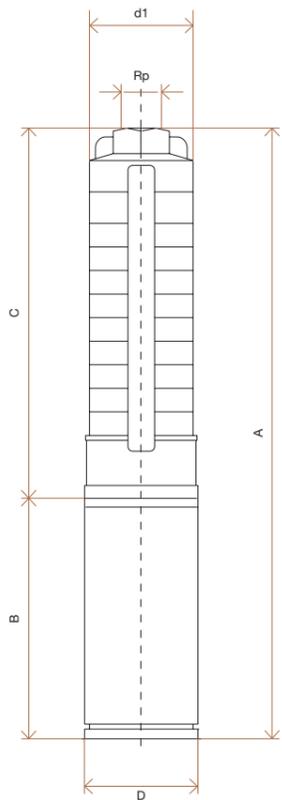
Model 4"	P2		Q (m³/h)	Q										
	kW	HP		0	3	4	5	6	7	8	9	10	11	
SX, SN8-5	0,75	1	mca	30	26	24	23	22	21	19	17	14	10	
SX, SN8-7	1,1	1,5		41	36	34	33	31	29	27	24	20	14	
SX, SN8-10	1,5	2		58	52	50	47	45	42	39	35	29	21	
SX, SN8-12	2,2	3		72	62	60	57	54	51	47	42	35	26	
SX, SN8-15	2,2	3		84	77	74	71	68	64	59	53	44	33	
SX, SN8-18	3	4		102	93	89	86	81	77	71	63	53	40	
SX, SN8-21	4	5,5		123	108	104	100	95	90	83	74	62	47	
SX, SN8-25	4	5,5		147	129	124	119	113	108	99	89	74	56	
SX, SN8-30	5,5	7,5		179	155	149	143	136	130	119	106	88	67	
SX, SN8-37	5,5	7,5		219	191	184	176	167	159	147	131	109	82	
SX, SN8-44	7,5	10		261	227	218	209	199	190	174	156	129	98	
SX, SN8-50	7,5	10	290	258	248	238	226	216	198	177	147	111		

Size and weight

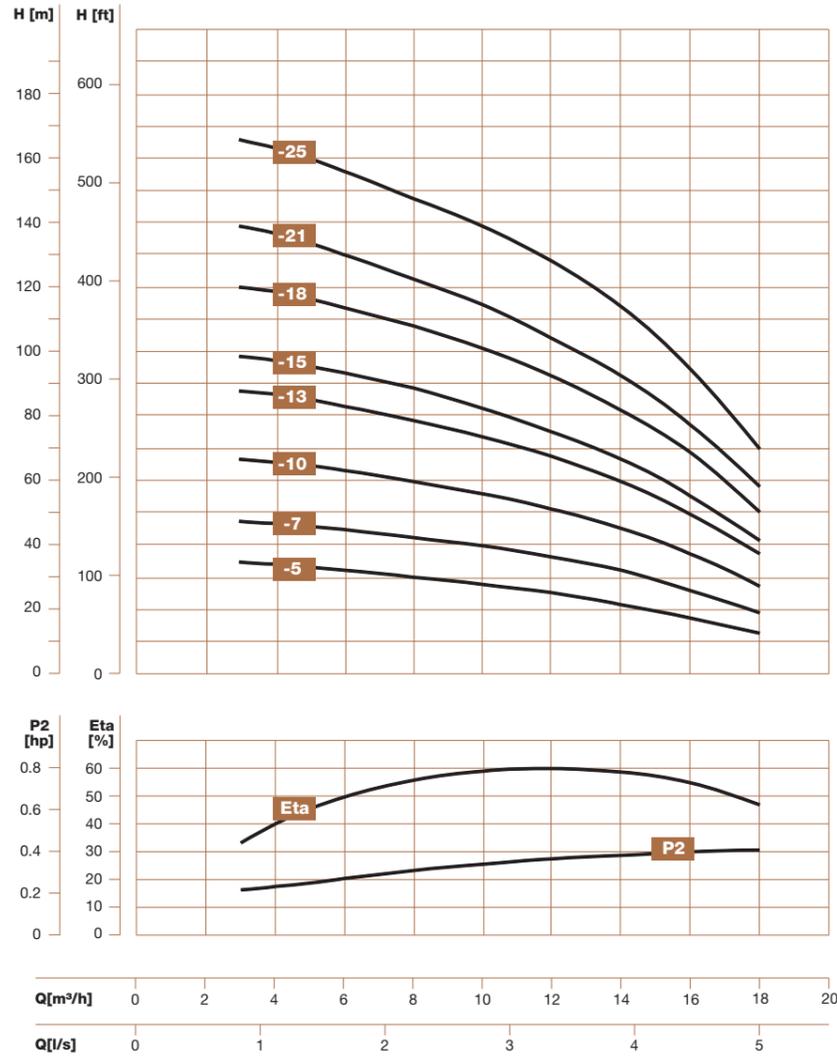
Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN8-5	853	400	453	96	100	2"	16
SX, SN8-7	977	440	537	96	100	2"	19
SX, SN8-10	1133	470	663	96	100	2"	22
SX, SN8-12	1257	510	747	96	100	2"	27
SX, SN8-15	1383	510	873	96	100	2"	29
SX, SN8-18	1619	620	999	96	100	2"	32
SX, SN8-21	1875	750	1125	96/143	100	2"	35/41
SX, SN8-25	2043	750	1293	96/143	100	2"	37/43
SX, SN8-30	2343	840	1503	96/143	100	2"	43/51
SX, SN8-37	2637	840	1797	96/143	100	2"	46/54
SX, SN8-44	3011	920	2091	96/143	100	2"	55/66
SX, SN8-50	3263	920	2343	96/143	100	2"	58/69

SX, SN 12

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

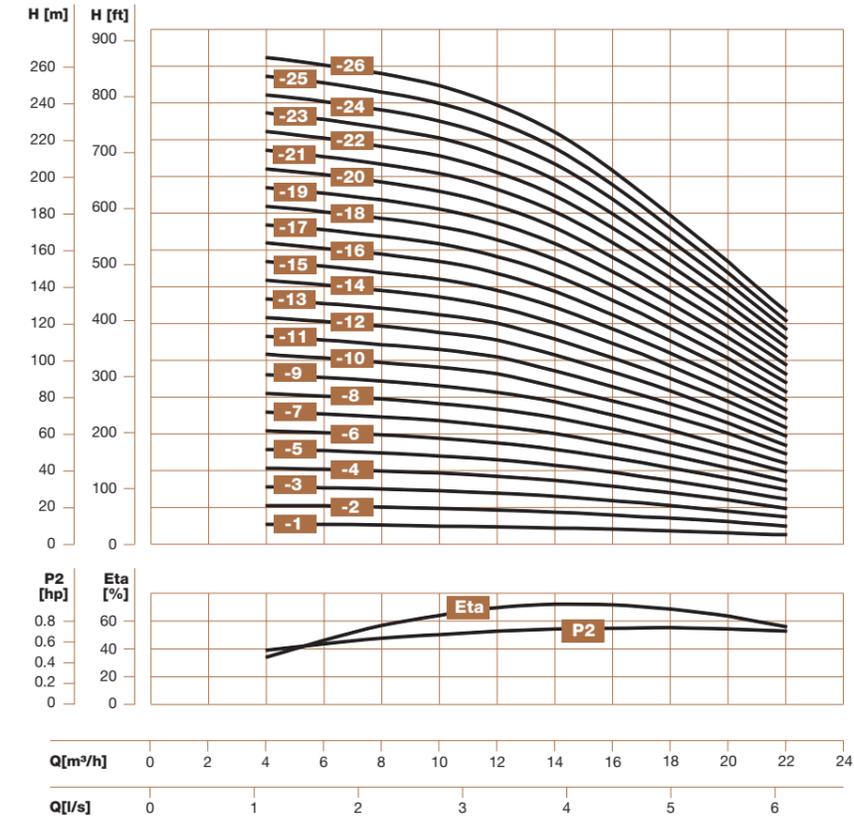
Model 4"	P2		Q (m³/h)	0	4	6	8	10	12	14	16	18
	kW	HP										
SX, SN12-5	1,5	2	mca	35	33	31	29	27	25	22	18	13
SX, SN12-7	2,2	3		49	46	43	40	38	35	31	25	19
SX, SN12-10	3	4		68	65	62	58	55	50	45	36	27
SX, SN12-13	4	5,5		89	86	81	76	71	66	59	48	36
SX, SN12-15	5,5	7,5		99	97	93	88	82	76	68	55	41
SX, SN12-18	5,5	7,5		121	118	112	105	99	91	81	66	50
SX, SN12-21	7,5	10		142	136	130	123	115	106	95	77	58
SX, SN12-25	7,5	10		168	163	155	146	137	126	113	92	69

Size and weight

Model	A	B	C	D	d1	Rp	Weight
SX, SN12-5	1005	470	535	96	100	2"	21
SX, SN12-7	1175	510	665	96	100	2"	26
SX, SN12-10	1480	620	860	96	100	2"	30
SX, SN12-13	1837	782	1055	96/143	100	2"	34/40
SX, SN12-15	2025	840	1185	96/143	100	2"	38/46
SX, SN12-18	2220	840	1380	96/143	100	2"	40/48
SX, SN12-21	2495	920	1575	96/143	100	2"	47/58
SX, SN12-25	2755	920	1835	96/143	100	2"	50/61

SX, SN 17

Performance curve ISO9906 Annex A 2850rpm



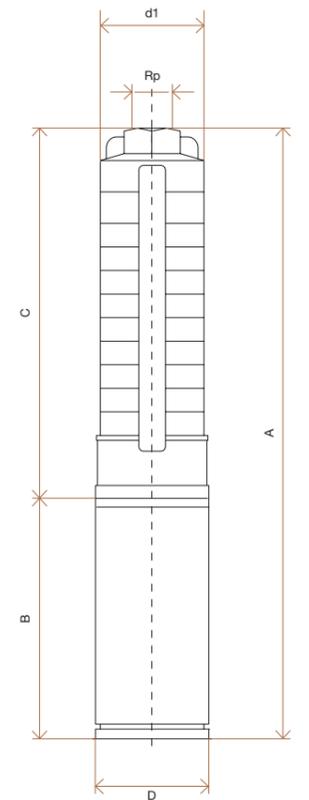
Performance table

Model 6"	P2		Q (m³/h)	0	6	8	10	12	14	17	20	22
	kW	HP										
SX, SN17-1	0,55	0,75	mca	10	10	9	9	8	8	6	5	4
SX, SN17-2	1,1	1,5		20	20	19	19	18	16	13	10	8
SX, SN17-3	2,2	3		31	30	29	28	27	24	20	16	13
SX, SN17-4	2,2	3		41	40	39	38	36	33	28	22	18
SX, SN17-5	3	4		52	51	50	48	45	42	35	28	23
SX, SN17-6	4	5,5		62	61	60	58	55	51	42	34	27
SX, SN17-7	4	5,5		73	71	70	67	64	59	49	40	31
SX, SN17-8	5,5	7,5		83	81	80	77	73	67	57	45	36
SX, SN17-9	5,5	7,5		96	91	90	87	82	76	64	52	40
SX, SN17-10	5,5	7,5		103	101	100	97	91	85	72	58	45
SX, SN17-11	7,5	10		113	111	109	106	100	94	79	64	50
SX, SN17-12	7,5	10		123	121	119	115	109	102	87	70	S5
SX, SN17-13	7,5	10		133	131	129	125	118	111	95	75	60
SX, SN17-14	9,2	12,5		143	141	139	134	128	119	102	81	65
SX, SN17-15	9,2	12,5		153	151	148	144	137	128	109	87	70
SX, SN17-16	9,2	12,5		163	161	158	154	146	136	116	92	75
SX, SN17-17	9,2	12,5		173	171	167	163	155	145	123	98	79
SX, SN17-18	11	15		184	181	177	173	164	154	130	104	84
SX, SN17-19	11	15		194	191	187	182	174	162	138	110	89
SX, SN17-20	11	15		204	201	197	192	184	171	145	116	94
SX, SN17-21	13	17,5		220	211	207	202	193	180	152	121	99
SX, SN17-22	13	17,5		230	221	217	211	202	188	160	127	104
SX, SN17-23	13	17,5		241	231	227	221	211	197	167	133	109
SX, SN17-24	13	17,5		252	241	236	230	220	205	174	139	113
SX, SN17-25	15	20		262	251	246	240	229	213	181	145	118
SX, SN17-26	15	20		273	261	256	250	238	222	189	150	122

Size and weight

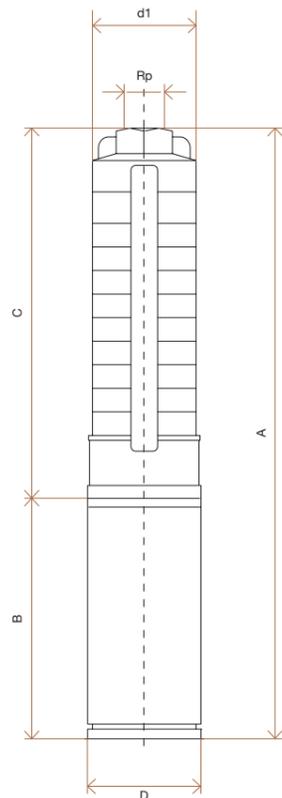
Model	A	B	C	D	d1	Rp	Weight
							Kg
SX, SN17-1	708	380	328	96	133	2" 1/2	17
SX, SN17-2	828	440	388	96	133	2" 1/2	21
SX, SN17-3	959	510	449	96	133	2" 1/2	28
SX, SN17-4	1019	510	509	96	133	2" 1/2	29
SX, SN17-5	1190	620	570	96	133	2" 1/2	32
SX, SN17-6	1412	782	630	96/143	133	2" 1/2	35/41
SX, SN17-7	1441	782	691	96/143	133	2" 1/2	36/42
SX, SN17-8	1591	840	751	96/143	133	2" 1/2	41/49
SX, SN17-9	1652	840	812	96/143	133	2" 1/2	42/50
SX, SN17-10	1712	840	872	96/143	133	2" 1/2	43/51
SX, SN17-11	1853	920	933	96/143	133	2" 1/2	49/60
SX, SN17-12	1913	920	933	96/143	133	2" 1/2	50/61
SX, SN17-13	1974	920	1054	96/153	133	2" 1/2	51/62
SX, SN17-14	2027	897	1130	143	133	2" 1/2	75
SX, SN17-15	2088	897	1191	143	133	2" 1/2	76
SX, SN17-16	2148	897	1251	143	133	2" 1/2	77
SX, SN17-17	2209	897	1312	143	133	2" 1/2	78
SX, SN17-18	2314	942	1372	143	133	2" 1/2	85
SX, SN17-19	2375	942	1433	143	133	2" 1/2	86
SX, SN17-20	2435	942	1493	143	133	2" 1/2	87
SX, SN17-21	2534	980	1554	143	133	2" 1/2	95
SX, SN17-22	2594	980	1614	143	133	2" 1/2	96
SX, SN17-23	2655	980	1675	143	133	2" 1/2	98
SX, SN17-24	2715	980	1735	143	133	2" 1/2	99
SX, SN17-25	2826	1030	1796	143	133	2" 1/2	106
SX, SN17-26	2886	1030	1856	143	133	2" 1/2	107

Installation sketch

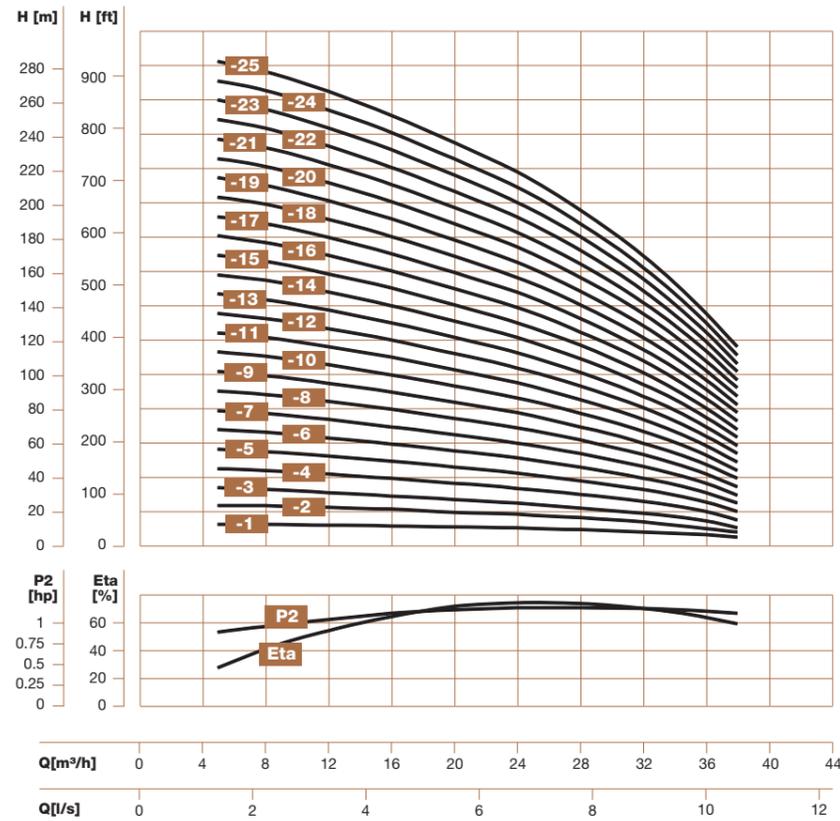


SX, SN 30

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

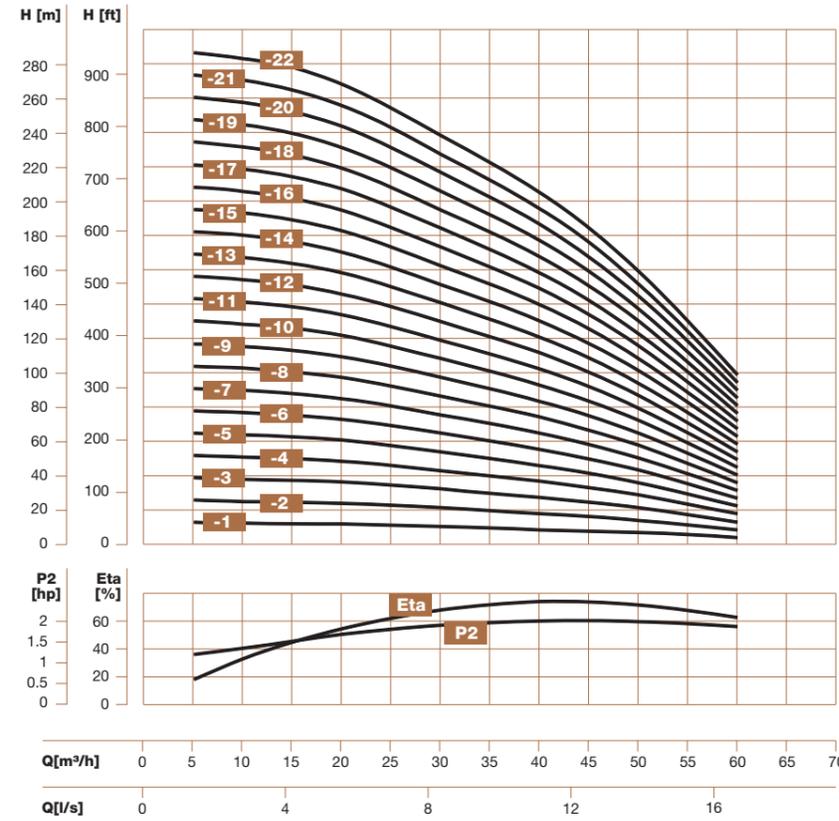
Model 6"	P2		Q	Q										
	kW	HP		0	16	20	24	28	30	32	36	38		
SX, SN30-1	1,1	1,5	mca	11	10	9,5	9	8	7	7	5	4		
SX, SN30-2	2,2	3		22	20	19	17	16	15	14	10	9		
SX, SN30-3	3	4		33	30	28	26	24	22	20	16	14		
SX, SN30-4	4	5,5		44	40	37	35	32	29	27	21	18		
SX, SN30-5	5,5	7,5		55	50	47	44	40	37	34	27	23		
SX, SN30-6	5,5	7,5		67	60	56	52	48	44	41	32	27		
SX, SN30-7	7,5	10		77	70	65	61	55	52	48	37	32		
SX, SN30-8	7,5	10		80	80	75	70	63	59	54	43	36		
SX, SN30-9	9,2	12,5		101	90	84	78	71	66	61	48	41		
SX, SN30-10	9,2	12,5		112	100	93	87	79	74	68	53	45		
SX, SN30-11	9,2	12,5		123	110	103	96	87	81	75	59	50		
SX, SN30-12	11	15		134	120	112	105	95	88	82	64	54		
SX, SN30-13	11	15		145	129	121	113	103	96	88	69	59		
SX, SN30-14	13	17,5		160	139	130	122	111	103	95	74	63		
SX, SN30-15	13	17,5		168	149	140	131	119	110	102	80	68		
SX, SN30-16	15	20		180	159	149	140	127	118	109	85	72		
SX, SN30-17	15	20		195	169	158	148	135	125	116	90	77		
SX, SN30-18	18,5	25		203	179	168	157	143	132	122	96	61		
SX, SN30-19	18,5	25		212	189	177	166	150	140	129	101	86		
SX, SN30-20	18,5	25		223	199	186	174	156	147	136	106	90		
SX, SN30-21	18,5	25		235	209	196	183	166	155	143	112	95		
SX, SN30-22	22	30		239	219	205	192	174	162	150	117	99		
SX, SN30-23	22	30		250	229	214	201	182	169	156	122	104		
SX, SN30-24	22	30		261	239	224	209	190	177	163	128	108		
SX, SN30-25	22	30		273	249	233	216	198	184	170	133	113		

Size and weight

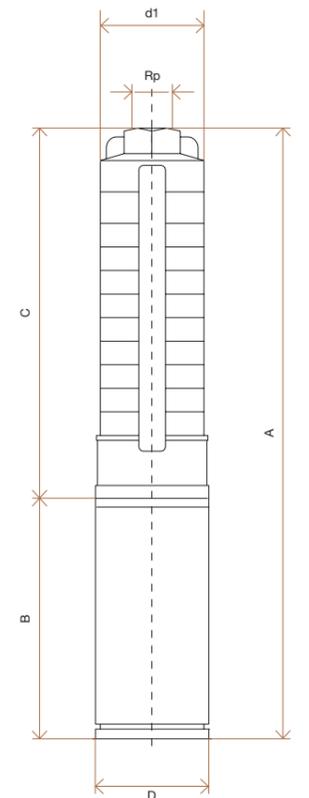
Model	A	B	C	D	d1	Rp	Weight
SX, SN30-1	802	440	362	96	133	3"	20
SX, SN30-2	968	510	458	96	133	3"	28
SX, SN30-3	1174	620	554	96	133	3"	31
SX, SN30-4	1432	782	650	96/143	133	3"	35/41
SX, SN30-5	1586	840	746	96/143	133	3"	40/48
SX, SN30-6	1682	840	842	96/143	133	3"	42/50
SX, SN30-7	1858	920	938	96/143	133	3"	49/60
SX, SN30-8	1954	920	1034	96/143	133	3"	51/61
SX, SN30-9	2043	897	1146	143	133	3"	75
SX, SN30-10	2139	897	1242	143	133	3"	77
SX, SN30-11	2235	897	1338	143	133	3"	79
SX, SN30-12	2376	942	1434	143	133	3"	85
SX, SN30-13	2472	942	1530	143	133	3"	87
SX, SN30-14	2606	980	1626	143	133	3"	96
SX, SN30-15	2702	980	1722	143	133	3"	98
SX, SN30-16	2848	1030	1818	143	133	3"	106
SX, SN30-17	2944	1030	1914	143	133	3"	108
SX, SN30-18	3100	1090	2010	143	133	3"	117
SX, SN30-19	3196	1090	2106	143	133	3"	119
SX, SN30-20	3292	1090	2202	143	133	3"	120
SX, SN30-21	3388	1090	2298	143	133	3"	122
SX, SN30-22	3554	1160	2394	143	133	3"	138
SX, SN30-23	3650	1160	2490	143	133	3"	140
SX, SN30-24	3746	1160	2586	143	133	3"	142
SX, SN30-25	3842	1160	2682	143	133	3"	144

SX, SN 42

Performance curve ISO9906 Annex A 2850rpm



Installation sketch



Performance table

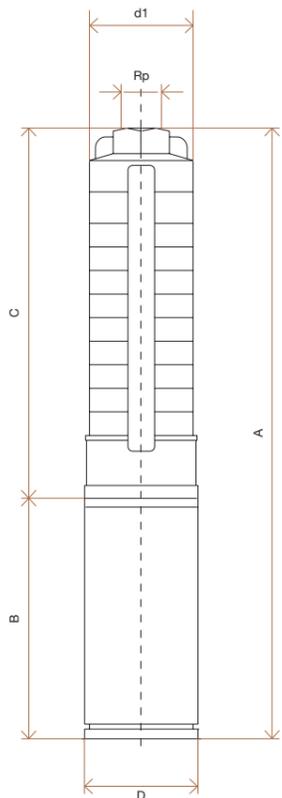
Model 6"	P2		Q	Q										
	kW	HP		0	5	10	20	30	40	42	50	60		
SX, SN42-1	2,2	3	mca	16	13	12	12	10	9	8	7	4		
SX, SN42-2	3	4		26	26	25	24	21	18	17	14	8		
SX, SN42-3	5,5	7,5		40	40	38	36	32	28	26	22	13		
SX, SN42-4	7,5	10		54	53	52	49	43	37	36	29	18		
SX, SN42-5	7,5	10		67	66	65	61	54	47	45	38	23		
SX, SN42-6	9,2	12,5		79	79	78	74	66	57	54	45	28		
SX, SN42-7	11	15		93	92	91	86	77	66	63	52	32		
SX, SN42-8	13	17,5		106	105	104	98	87	75	72	58	36		
SX, SN42-9	15	20		119	118	117	110	97	84	80	65	40		
SX, SN42-10	15	20		133	132	130	122	108	93	89	72	45		
SX, SN42-11	18,5	25		144	144	142	134	119	103	98	79	49		
SX, SN42-12	18,5	25		158	157	155	146	130	112	107	87	54		
SX, SN42-13	22	30		171	170	168	158	141	122	116	94	58		
SX, SN42-14	22	30		184	183	181	170	152	131	125	102	63		
SX, SN42-15	22	30		197	196	194	182	163	140	134	109	67		
SX, SN42-16	25	34		210	209	207	194	174	150	143	116	72		
SX, SN42-17	25	34		222	222	220	206	184	159	152	123	77		
SX, SN42-18	30	40		237	235	233	218	195	168	161	131	81		
SX, SN42-19	30	40		250	248	246	231	206	178	170	138	86		
SX, SN42-20	30	40		262	261	259	243	217	187	179	145	90		
SX, SN42-21	37	50		276	274	271	255	228	196	188	152	95		
SX, SN42-22	37	50		289	287	283	267	238	205	197	160	99		

Size and weight

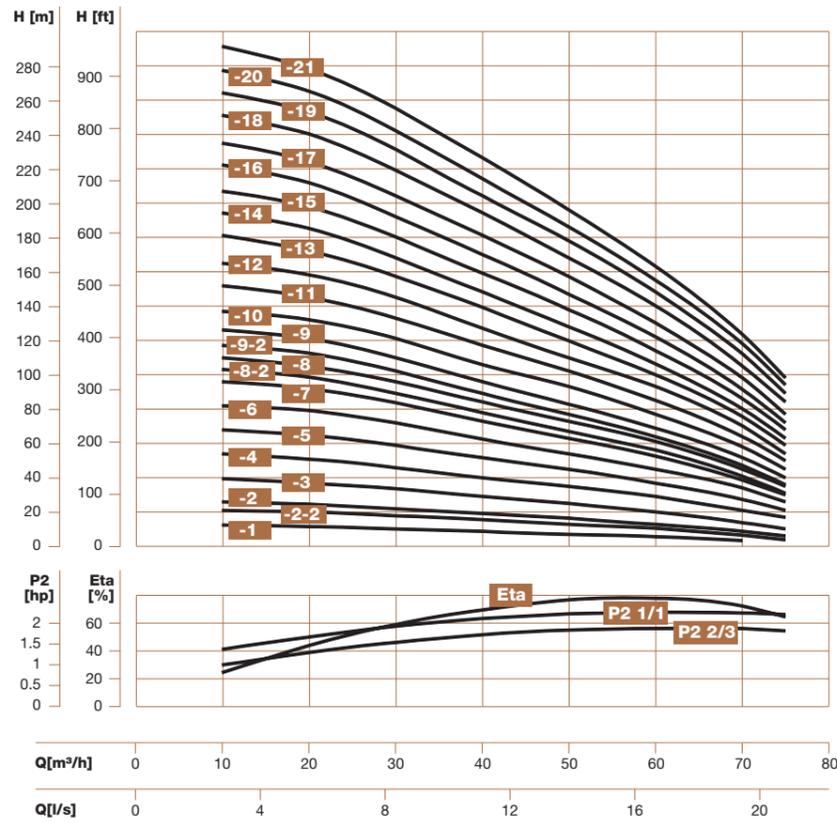
Model	A	B	C	D	d1	Rp	Weight
SX, SN42-1	888	510	378	96	150	3"	29
SX, SN42-2	1111	620	491	96	150	3"	33
SX, SN42-3	1444	840	604	96/143	150	3"	40/48
SX, SN42-4	1637	920	717	96/143	150	3"	47/58
SX, SN42-5	1750	920	830	96/143	150	3"	49/60
SX, SN42-6	1856	897	959	143	150	3"	73
SX, SN42-7	2014	942	1072	143	150	3"	80
SX, SN42-8	2165	980	1185	143	150	3"	89
SX, SN42-9	2328	1030	1298	143	150	3"	97
SX, SN42-10	2441	1030	1411	143	150	3"	100
SX, SN42-11	2614	1090	1524	143	150	3"	109
SX, SN42-12	2727	1090	1637	143	150	3"	111
SX, SN42-13	2910	1160	1750	143	150	3"	127
SX, SN42-14	3023	1160	1863	143	150	3"	129
SX, SN42-15	3136	1160	1976	143	150	3"	131
SX, SN42-16	3331	1242	2089	143	150	3"	145
SX, SN42-17	3444	1242	2202	143	150	3"	147
SX, SN42-18	3697	1382	2315	143	150	3"	162
SX, SN42-19	3810	1382	2428	143	150	3"	164
SX, SN42-20	3923	1382	2541	143	150	3"	167
SX, SN42-21	4224	1570	2654	143	150	3"	192
SX, SN42-22	4337	1570	2767	143	150	3"	194

SX, SN 60

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

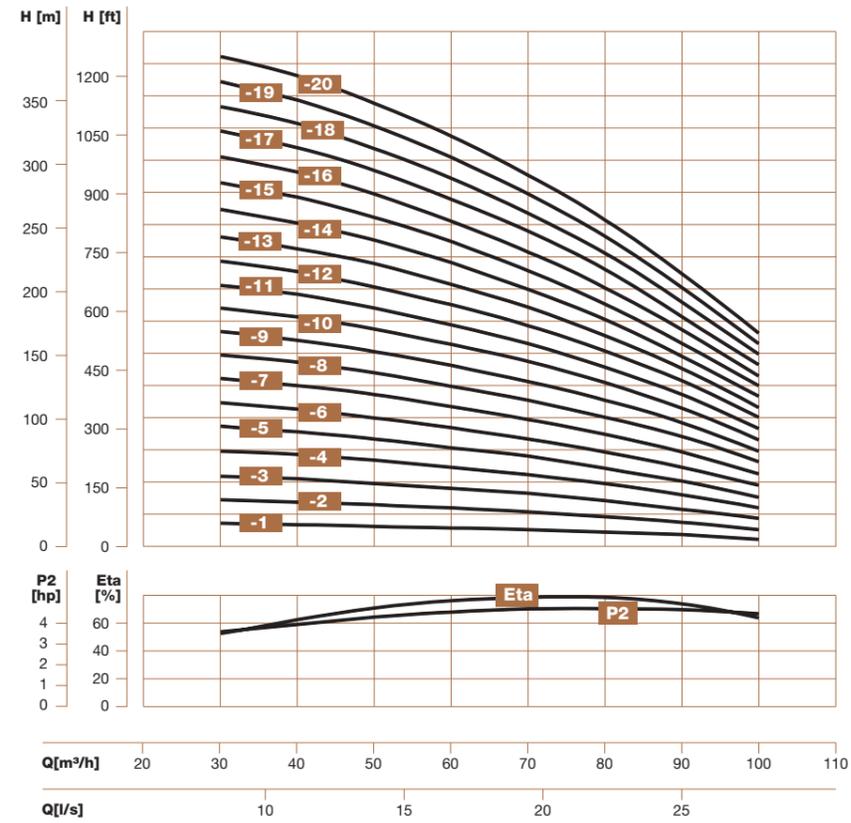
Model 6"	P2		Q (m³/h)	Q																		
	kW	HP		0	10	20	30	40	50	60	70	75										
SX, SN60-1	2,2	3	mca	13	12	12	10	8	7	6	4											
SX, SN60-2-2	3	4		22	21	20	18	15	13	10	6	4										
SX, SN60-2	4	5,5		27	26	24	22	19	16	12	9	6										
SX, SN60-3	5,5	7,5		41	40	37	34	29	25	20	14	10										
SX, SN60-4	7,5	10		55	54	51	46	40	35	29	21	17										
SX, SN60-5	9,2	12,5		69	68	65	59	51	45	37	28	21										
SX, SN60-6	11	15		83	82	79	72	62	54	45	34	26										
SX, SN60-7	13	17,5		97	96	92	84	73	63	53	39	30										
SX, SN60-8-2	13	17,5		104	103	99	89	78	67	56	41	31										
SX, SN60-8	15	20		111	110	105	96	84	73	61	45	35										
SX, SN60-9-2	15	20		118	117	112	102	89	77	64	47	36										
SX, SN60-9	18,5	25		125	124	121	110	96	85	69	52	40										
SX, SN60-10	18,5	25		138	137	132	121	106	93	77	58	45										
SX, SN60-11	22	30		153	152	145	133	117	102	85	64	50										
SX, SN60-12	22	30		166	165	158	145	127	110	93	70	54										
SX, SN60-13	22	30		182	181	172	157	139	120	100	75	59										
SX, SN60-14	25	34		195	194	185	168	148	128	106	80	63										
SX, SN60-15	25	34		208	207	198	180	159	138	114	85	66										
SX, SN60-16	30	40		223	222	212	192	170	147	122	91	72										
SX, SN60-17	30	40		236	235	224	204	181	157	130	98	77										
SX, SN60-18	30	40		252	251	240	219	194	166	140	105	84										
SX, SN60-19	37	50	265	264	253	231	204	178	148	112	89											
SX, SN60-20	37	50	278	277	265	242	214	186	155	118	94											
SX, SN60-21	37	50	292	291	278	255	226	196	163	123	98											

Size and weight

Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN60-1	878	510	368	96	150	4"	30
SX, SN60-2-2	1101	620	481	96	150	4"	33
SX, SN60-2	1263	782	481	96/143	150	4"	35/41
SX, SN60-3	1434	840	594	96/143	150	4"	41/49
SX, SN60-4	1627	920	707	96/143	150	4"	48/59
SX, SN60-5	1717	897	820	143	150	4"	72
SX, SN60-6	1891	942	949	143	150	4"	78
SX, SN60-7	2042	980	1062	143	150	4"	87
SX, SN60-8-2	2155	980	1175	143	150	4"	88
SX, SN60-8	2205	1030	1175	143	150	4"	96
SX, SN60-9-2	2318	1030	1288	143	150	4"	97
SX, SN60-9	2378	1090	1288	143	150	4"	105
SX, SN60-10	2491	1090	1401	143	150	4"	107
SX, SN60-11	2674	1160	1514	143	150	4"	123
SX, SN60-12	2787	1160	1627	143	150	4"	125
SX, SN60-13	2900	1160	1740	143	150	4"	127
SX, SN60-14	3095	1242	1853	143	150	4"	141
SX, SN60-15	3208	1242	1966	143	150	4"	143
SX, SN60-16	3461	1382	2079	143	150	4"	158
SX, SN60-17	3594	1382	2192	143	150	4"	160
SX, SN60-18	3687	1382	2305	143	150	4"	162
SX, SN60-19	3988	1570	2418	143	150	4"	188
SX, SN60-20	4101	1570	2531	143	150	4"	190
SX, SN60-21	4214	1570	2644	143	150	4"	191

SX, SN 75

Performance curve ISO9906 Annex A 2850rpm



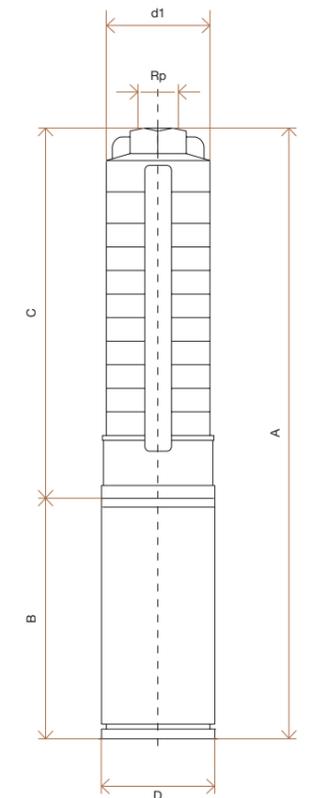
Performance table

Model 8"	P2		Q (m³/h)	Q																			
	kW	HP		0	40	50	60	70	75	80	90	90											
SX, SN75-1	4	5,5	mca	20	17	15	14	13	12	11	9	5											
SX, SN75-2	7,5	10		38	34	32	30	27	25	23	19	12											
SX, SN75-3	11	15		55	52	49	45	41	38	35	29	21											
SX, SN75-4	15	20		76	71	66	61	55	52	48	40	30											
SX, SN75-5	18,5	25		99	89	83	76	70	65	60	51	38											
SX, SN75-6	22	30		120	107	100	91	84	79	73	62	47											
SX, SN75-7	30	40		137	125	118	107	98	93	87	73	56											
SX, SN75-8	30	40		153	143	135	124	113	107	101	85	65											
SX, SN75-9	37	50		175	161	152	140	128	121	114	96	74											
SX, SN75-10	37	50		192	178	169	157	143	135	127	107	83											
SX, SN75-11	45	60		210	196	185	172	158	148	139	118	92											
SX, SN75-12	45	60		228	214	202	188	172	162	152	129	100											
SX, SN75-13	55	75		250	232	220	204	186	175	164	139	108											
SX, SN75-14	55	75		275	251	238	220	200	188	176	149	116											
SX, SN75-15	55	75		299	271	256	236	214	201	188	159	124											
SX, SN75-16	63	85		320	291	274	253	229	215	202	169	133											
SX, SN75-17	63	85		341	310	292	270	245	229	215	179	142											
SX, SN75-18	75	100		353	329	309	286	259	243	226	190	150											
SX, SN75-19	75	100		378	347	327	302	274	257	241	201	158											
SX, SN75-20	75	100		400	366	345	318	288	271	254	212	167											

Size and weight

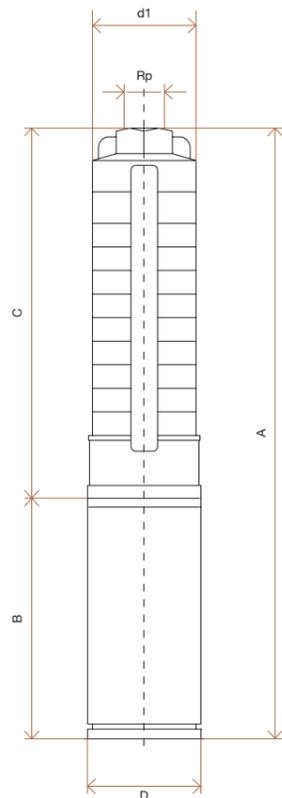
Model	A	B	C	D	d1	Rp	Weight Kg
	mm						
SX, SN75-1	1270	782	488	143	197	5"	56
SX, SN75-2	1424/1411	810/780	614/631	143/184	197	5"	78/97
SX, SN75-3	1660/1577	920/820	740/757	143/184	197	5"	92/116
SX, SN75-4	1896/1743	1030/860	866/883	143/184	197	5"	110/134
SX, SN75-5	2082/1899	1090/890	992/1009	143/184	197	5"	122/152
SX, SN75-6	2278/2075	1160/940	1118/1135	143/184	197	5"	141/178
SX, SN75-7	2574/2311	1330/1050	1244/1261	143/184	197	5"	171/211
SX, SN75-8	2700/2437	1330/1050	1370/1387	143/184	197	5"	176/216
SX, SN75-9	3066/2663	1570/1150	1496/1513	143/184	197	5"	204/233
SX, SN75-10	3192/2789	1570/1150	1622/1639	143/184	197	5"	209/238
SX, SN75-11	3005	1240	1765	184	197	5"	256
SX, SN75-12	3131	1240	1891	184	197	5"	261
SX, SN75-13	3387	1370	2017	184	197	5"	279
SX, SN75-14	3513	1370	2143	184	197	5"	285
SX, SN75-15	3639	1370	2269	184	197	5"	290
SX, SN75-16	3885	1490	2395	192	197	5"	309
SX, SN75-17	4011	1490	2521	192	197	5"	315
SX, SN75-18	4187	1540	2647	192	197	5"	341
SX, SN75-19	4313	1540	2773	192	197	5"	346
SX, SN75-20	4439	1540	2899	192	197	5"	351

Installation sketch

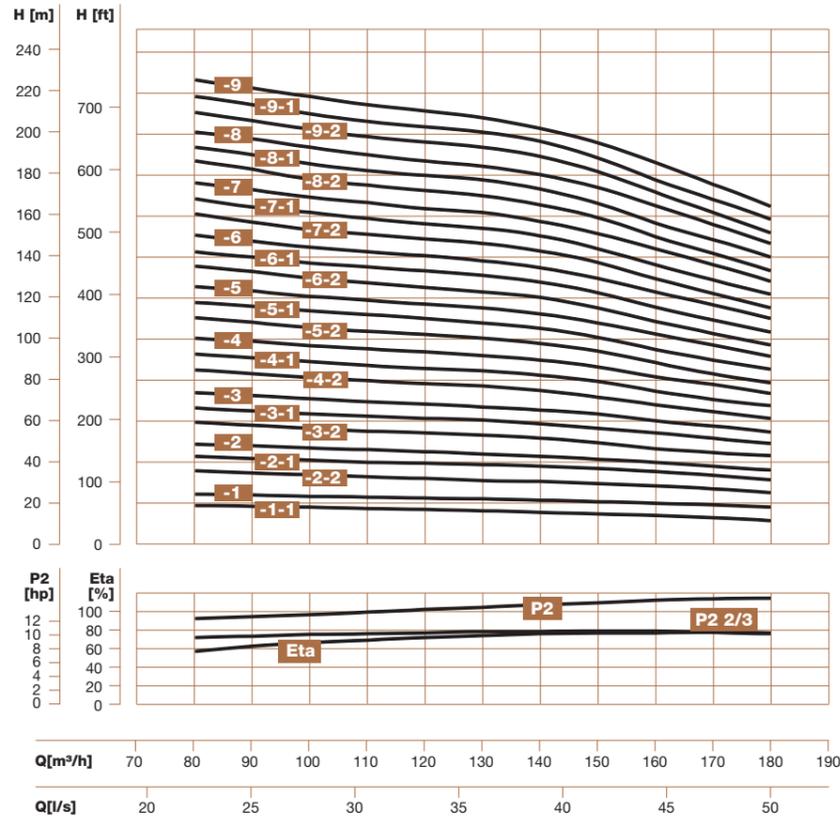


SX, SN 150

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

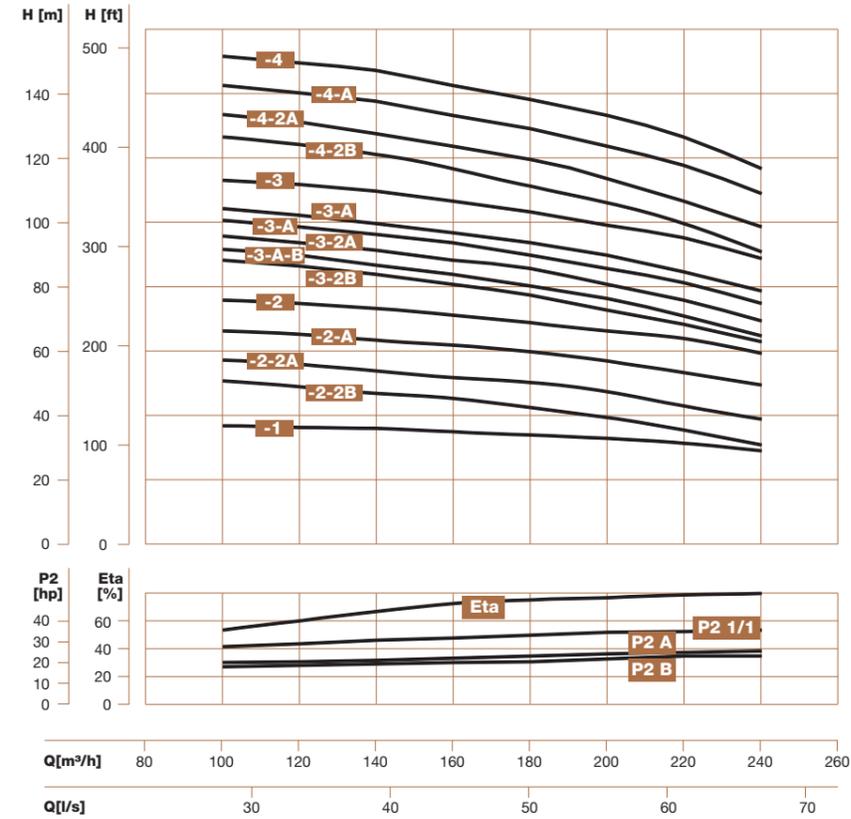
Model 6"	P2		Q (m³/h)	0	110	120	130	140	150	160	170	180
	kW	HP										
SX, SN150-1-1	9,2	12,5	mca	21	17	16	16	15	14	13	13	11
SX, SN150-1	13	17,5		28	22	22	21	21	20	19	19	16
SX, SN150-2-2	18,5	25		43	31	31	29	29	28	28	27	25
SX, SN150-2-1	22	30		50	39	38	38	37	36	35	34	31
SX, SN150-2	25	34		56	45	44	44	42	41	39	38	36
SX, SN150-3-2	30	40		68	54	53	53	52	49	46	44	43
SX, SN150-3-1	37	50		75	61	60	60	59	56	54	51	49
SX, SN150-3	37	50		83	69	66	67	65	63	60	57	54
SX, SN150-4-2	45	60		94	79	77	77	76	73	66	63	61
SX, SN150-4-1	45	60		101	86	84	83	83	79	73	70	67
SX, SN150-4	55	75		109	94	93	92	89	86	80	77	73
SX, SN150-5-2	55	75		122	103	102	101	98	94	66	61	78
SX, SN150-5-1	55	75		128	110	108	107	105	101	94	89	85
SX, SN150-5	63	85		137	118	116	115	112	108	101	97	91
SX, SN150-6-2	63	85		150	126	123	122	120	115	107	101	97
SX, SN150-6-1	75	100		155	134	132	131	128	122	114	109	103
SX, SN150-6	75	100		164	141	139	136	135	130	122	116	110
SX, SN150-7-2	75	100		178	150	146	145	143	138	126	121	115
SX, SN150-7-1	90	120	183	158	155	153	150	145	135	129	121	
SX, SN150-7	90	120	192	165	163	162	157	152	143	136	128	
SX, SN150-8-2	90	120	205	174	172	171	165	160	149	140	133	
SX, SN150-8-1	110	150	212	182	180	178	173	168	156	148	140	
SX, SN150-8	110	150	220	189	187	186	180	175	164	156	146	
SX, SN150-9-2	110	150	233	198	196	194	188	182	170	160	152	
SX, SN150-9-1	110	150	239	205	203	201	196	189	178	166	158	
SX, SN150-9	110	150	247	213	210	209	203	197	185	175	165	

Size and weight

Modelo	A	B	C	D	d1	Rp	Weight
SX, SN150-1-1	1428/1360	897/800	531/560	144/184	230	6"	92/117
SX, SN150-1	1561/1420	1030/860	531/560	144/184	230	6"	100/124
SX, SN150-2-2	1781/1610	1090/890	691/720	144/184	230	6"	119/141
SX, SN150-2-1	1851/1660	1160/940	691/720	144/184	230	6"	128/156
SX, SN150-2	1933/1710	1242/990	691/720	144/184/236	230	6"	135/166
SX, SN150-3-2	2233/1930/2002	1382/1050/1122	851/880/880	144/184/236	230	6"	149/188/228
SX, SN150-3-1	2421/2030/2042	1570/1150/1162	851/880/880	144/184/236	230	6"	158/202/246
SX, SN150-3	2421/2030/2042	1570/1150/1162	851/880/880	144/184/236	230	6"	158/202/246
SX, SN150-4-2	2280/2232	1240/1192	1040/1040	184/236	230	6"	225/274
SX, SN150-4-1	2280/2232	1240/1192	1040/1040	184/236	230	6"	225/274
SX, SN150-4	2410/2312	1370/1272	1040/1040	184/236	230	6"	245/307
SX, SN150-5-2	2570/2472	1370/1272	1200/1200	184/236	230	6"	253/315
SX, SN150-5-1	2570/2472	1370/1272	1200/1200	184/236	230	6"	253/315
SX, SN150-5	2690/2532	1490/1332	1200/1200	192/236	230	6"	280/333
SX, SN150-6-2	2850/2692	1490/1332	1360/1360	192/236	230	6"	288/341
SX, SN150-6-1	2900/2782	1540/1422	1360/1360	192/236	230	6"	298/379
SX, SN150-6	2900/2782	1540/1422	1360/1360	192/236	230	6"	298/379
SX, SN150-7-2	3060/2942	1540/1422	1520/1520	192/236	230	6"	306/387
SX, SN150-7-1	3164/3051	1644/1531	1520/1520	192/236	230	6"	326/400
SX, SN150-7	3164/3051	1644/1531	1520/1520	192/236	230	6"	326/400
SX, SN150-8-2	3324/3211	1644/1531	1680/1680	192/236	230	6"	334/408
SX, SN150-8-1	3444/3321	1764/1641	1680/1680	192/236	230	6"	360/426
SX, SN150-8	3444/3321	1764/1641	1680/1680	192/236	230	6"	360/426
SX, SN150-9-2	3604/3481	1764/1641	1840/1840	192/236	230	6"	369/435
SX, SN150-9-1	3604/3481	1764/1641	1840/1840	192/236	230	6"	369/435
SX, SN150-9	3604/3481	1764/1641	1840/1840	192/236	230	6"	369/435

SX, SN 200

Performance curve ISO9906 Annex A 2850rpm



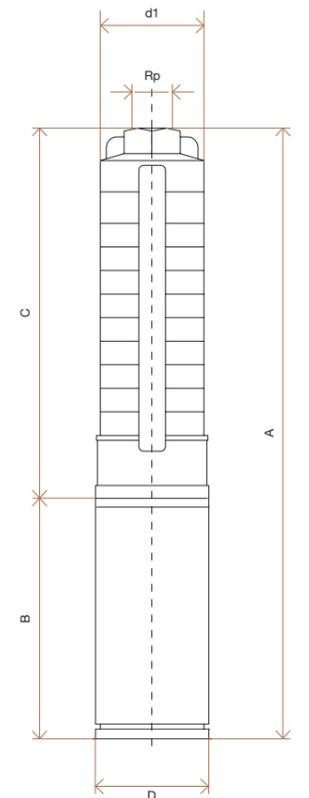
Performance table

Model 12"	P2		Q (m³/h)	0	100	120	140	160	180	200	220	240
	kW	HP										
SX, SN200-1	30	40	mca	40	37	36	36	35	34	33	31	29
SX, SN200-2-2B	37	50		55	51	49	47	45	42	39	35	31
SX, SN200-2-2A	45	60		63	57	56	54	52	50	47	43	39
SX, SN200-2-A	55	75		72	66	65	63	62	60	57	53	49
SX, SN200-2	55	75		80	76	75	73	71	69	66	64	59
SX, SN200-3-2B	75	100		94	68	87	84	81	78	72	68	63
SX, SN200-3-A-B	75	100		97	92	90	87	84	80	76	71	65
SX, SN200-3-2A	75	100		102	96	94	91	88	86	81	76	69
SX, SN200-3-B	75	100		108	101	99	96	94	90	86	81	109
SX, SN200-3-A	75	100		110	104	102	100	97	94	90	85	75
SX, SN200-3	90	120		120	113	112	110	107	103	99	95	79
SX, SN200-4-2B	90	120		135	127	124	121	117	111	106	100	89
SX, SN200-4-2A	110	150		142	134	131	127	124	120	114	107	91
SX, SN200-4-A	110	150		150	143	140	138	133	129	124	118	99
SX, SN200-4	110	150		160	152	150	147	143	136	133	127	117

Size and weight

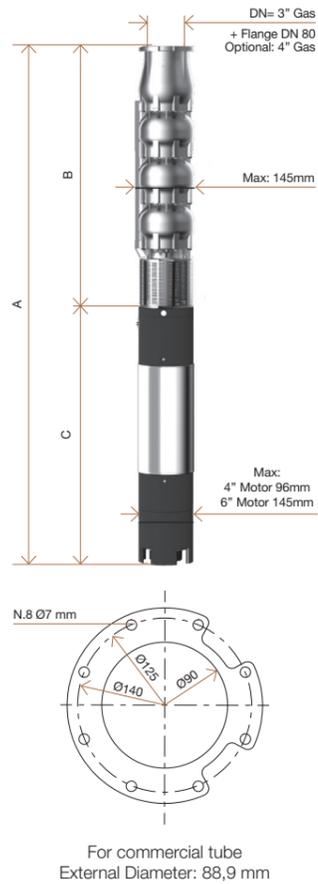
Modelo	A	B	C	D	d1	Rp	Weight
SX, SN200-1	1721	1122	599	236	300	6"	221
SX, SN200-2-2B	1955	1162	793	236	300	6"	255
SX, SN200-2-2A	1985	1192	793	236	300	6"	275
SX, SN200-2-A	2065	1272	793	236	300	6"	308
SX, SN200-2	2065	1272	793	236	300	6"	308
SX, SN200-3-2B	2409	1422	987	236	300	6"	386
SX, SN200-3-2A	2409	1422	987	236	300	6"	386
SX, SN200-3-2A	2409	1422	987	236	300	6"	386
SX, SN200-3-B	2409	1422	987	236	300	6"	386
SX, SN200-3-A	2409	1422	987	236	300	6"	386
SX, SN200-3	2519	1532	987	236	300	6"	399
SX, SN200-4-2B	2713	1532	1181	236	300	6"	416
SX, SN200-4-2A	2823	1642	1181	236	300	6"	453
SX, SN200-4-A	2823	1642	1181	236	300	6"	453
SX, SN200-4	2823	1642	1181	236	300	6"	453

Installation sketch

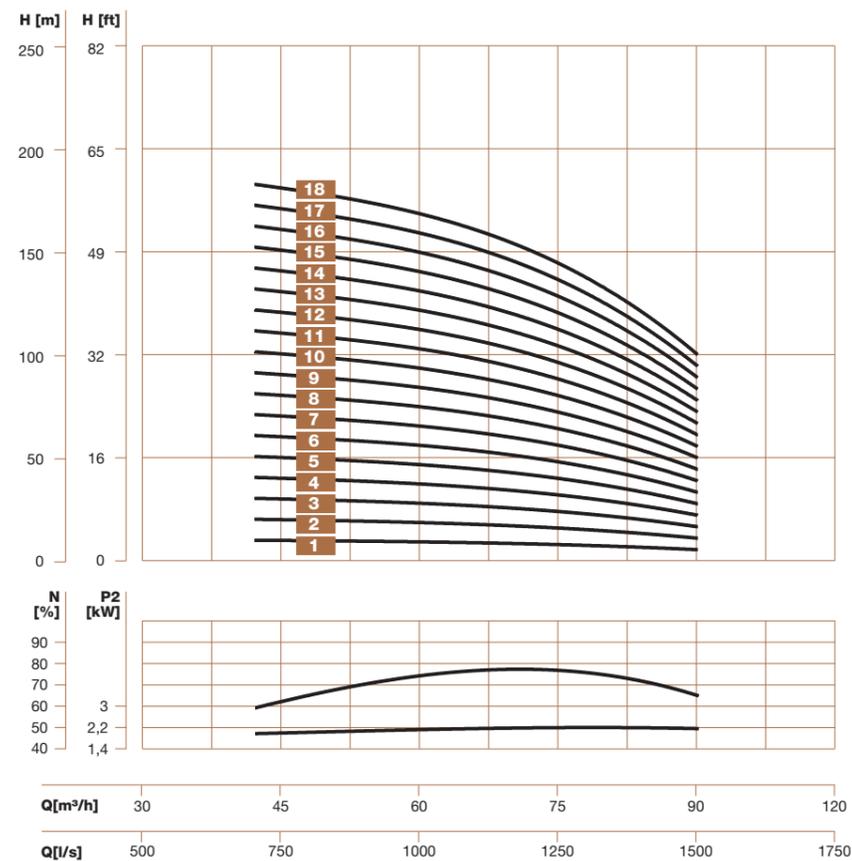


SX, SN, SD 6 65

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

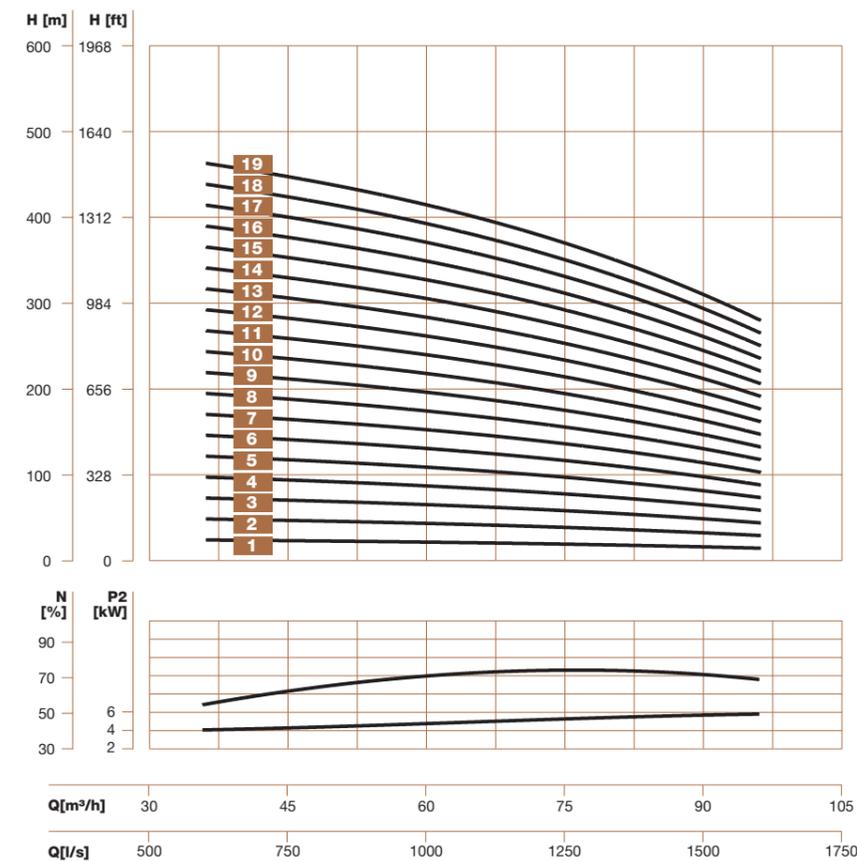
Model	P2		l/min	0	700	800	900	1000	1100	1200	1300	1400	1500
	kW	HP											
SX, SN, SD6 65-01 SX, SN, SD6 65-02 SX, SN, SD6 65-03 SX, SN, SD6 65-04 SX, SN, SD6 65-05 SX, SN, SD6 65-06 SX, SN, SD6 65-07 SX, SN, SD6 65-08 SX, SN, SD6 65-09 SX, SN, SD6 65-10 SX, SN, SD6 65-11 SX, SN, SD6 65-12 SX, SN, SD6 65-13 SX, SN, SD6 65-14 SX, SN, SD6 65-15 SX, SN, SD6 65-16 SX, SN, SD6 65-17 SX, SN, SD6 65-18	mca	mca	0	11,67	13,33	15	16,67	18,33	20	21,67	23,33	25	
			0	42	48	54	60	66	72	78	84	90	
			13	10	10	10	9	9	8	7	6		
			26	21	20	19	19	18	17	15	13	11	
			39	31	30	29	28	27	26	23	20	17	
			52	41	40	38	37	36	34	31	27	23	
			66	52	50	48	47	45	43	38	33	28	
			79	62	59	57	56	55	51	46	40	34	
			92	73	69	67	66	64	60	53	46	39	
			105	83	79	76	75	73	68	61	53	45	
			118	93	89	86	84	82	77	69	60	51	
			131	104	99	95	94	91	85	76	66	56	
			144	114	109	105	103	100	94	84	73	62	
			157	124	119	114	112	109	102	92	80	68	
			170	135	129	124	122	118	111	99	86	73	
			183	145	139	134	131	127	120	107	93	79	
			197	155	149	143	140	136	128	114	99	84	
			210	166	158	153	150	145	137	122	106	90	
223	176	168	162	159	155	145	130	113	96				
236	186	178	172	168	164	154	137	119	101				

Size and weight

Model	A	B	C	M	Weight
SX, SN, SD6 65-01	853	400	452	15	12
SX, SN, SD6 65-02	1104	507	597	22	15
SX, SN, SD6 65-03	1432	614	818	32	19
SX, SN, SD6 65-04	1472	721	751	60	23
SX, SN, SD6 65-05	1639	828	811	65	27
SX, SN, SD6 65-06	1776	935	841	70	32
SX, SN, SD6 65-07	1973	1042	931	75	36
SX, SN, SD6 65-08	2140	1149	991	83	40
SX, SN, SD6 65-09	2327	1256	1071	92	44
SX, SN, SD6 65-10	2434	1363	1071	92	48
SX, SN, SD6 65-11	2651	1470	1181	100	53
SX, SN, SD6 65-12	2758	1577	1181	100	57
SX, SN, SD6 65-13	2935	1684	1251	108	61
SX, SN, SD6 65-14	3042	1791	1251	108	65
SX, SN, SD6 65-15	3239	1898	1341	118	70
SX, SN, SD6 65-16	3346	2005	1341	118	75
SX, SN, SD6 65-17	3453	2112	1341	118	80
SX, SN, SD6 65-18	3560	2219	1341	118	85

SX, SN, SD 8 80

Performance curve ISO9906 Annex A 2850rpm



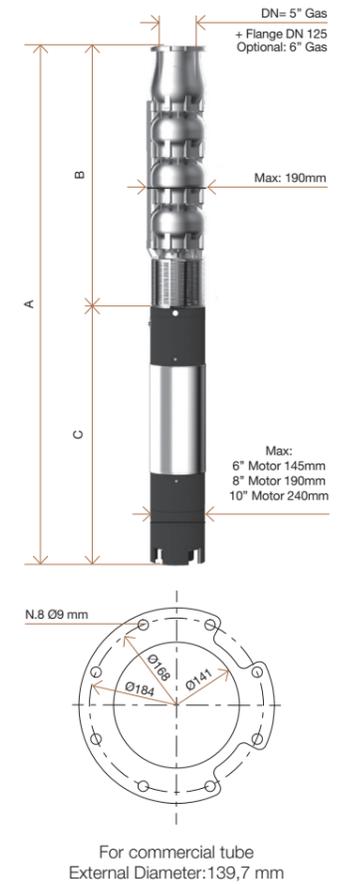
Performance table

Model	P2		l/min	0	600	800	1000	1200	1400	1600
	kW	HP								
SX, SN, SD8 80-01 SX, SN, SD8 80-02 SX, SN, SD8 80-03 SX, SN, SD8 80-04 SX, SN, SD8 80-05 SX, SN, SD8 80-06 SX, SN, SD8 80-07 SX, SN, SD8 80-08 SX, SN, SD8 80-09 SX, SN, SD8 80-10 SX, SN, SD8 80-11 SX, SN, SD8 80-12 SX, SN, SD8 80-13 SX, SN, SD8 80-14 SX, SN, SD8 80-15 SX, SN, SD8 80-16 SX, SN, SD8 80-17 SX, SN, SD8 80-18 SX, SN, SD8 80-19	mca	mca	0	10	13,33	16,67	20	23,33	26,67	
			0	36	48	60	72	84	96	
			27	24	23	22	20	18	15	
			54	49	47	44	40	35	30	
			81	73	70	65	60	53	44	
			108	97	93	87	80	70	59	
			135	121	116	109	100	88	74	
			162	146	140	131	120	105	89	
			189	170	163	152	140	123	103	
			216	194	186	174	160	140	118	
			243	218	209	196	180	158	133	
			270	243	233	218	200	175	148	
			297	267	256	239	220	193	162	
			324	291	279	261	240	210	177	
			351	315	302	283	260	228	192	
			378	340	326	305	280	245	207	
			405	364	349	326	300	263	221	
			432	388	372	348	320	280	236	
			459	412	395	370	340	298	251	
486	437	419	392	360	315	266				
513	461	442	413	380	333	280				

Size and weight

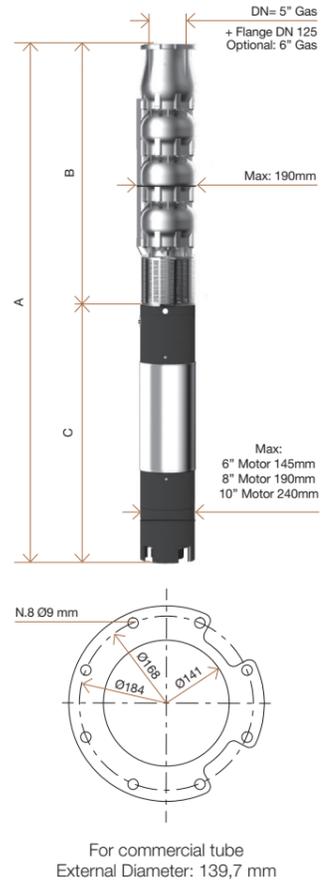
Model	A	B	C	M	Weight
SX,SN,SD8 80-01	1226	525	701	55	19
SX,SN,SD8 80-02	1461	650	811	65	26
SX,SN,SD8 80-03	1766	775	991	83	32
SX,SN,SD8 80-04	2081	900	1181	100	39
SX,SN,SD8 80-05	2276	1025	1251	108	45
SX,SN,SD8 80-06	2491	1150	1341	118	52
SX,SN,SD8 80-07	2398	1275	1123	178	58
SX,SN,SD8 80-08	2633	1400	1233	200	65
SX,SN,SD8 80-09	2758	1525	1233	200	71
SX,SN,SD8 80-10	2953	1650	1303	214	78
SX,SN,SD8 80-11	3078	1775	1303	214	84
SX,SN,SD8 80-12	3283	1900	1383	230	91
SX,SN,SD8 80-13	3408	2025	1383	230	97
SX,SN,SD8 80-14	3733	2150	1583	270	104
SX,SN,SD8 80-15	3858	2275	1583	270	110
SX,SN,SD8 80-16	3983	2400	1583	270	117
SX,SN,SD8 80-17	4258	2525	1733	300	123
SX,SN,SD8 80-18	4383	2650	1733	300	130
SX,SN,SD8 80-19	4508	2775	1733	300	136

Installation sketch

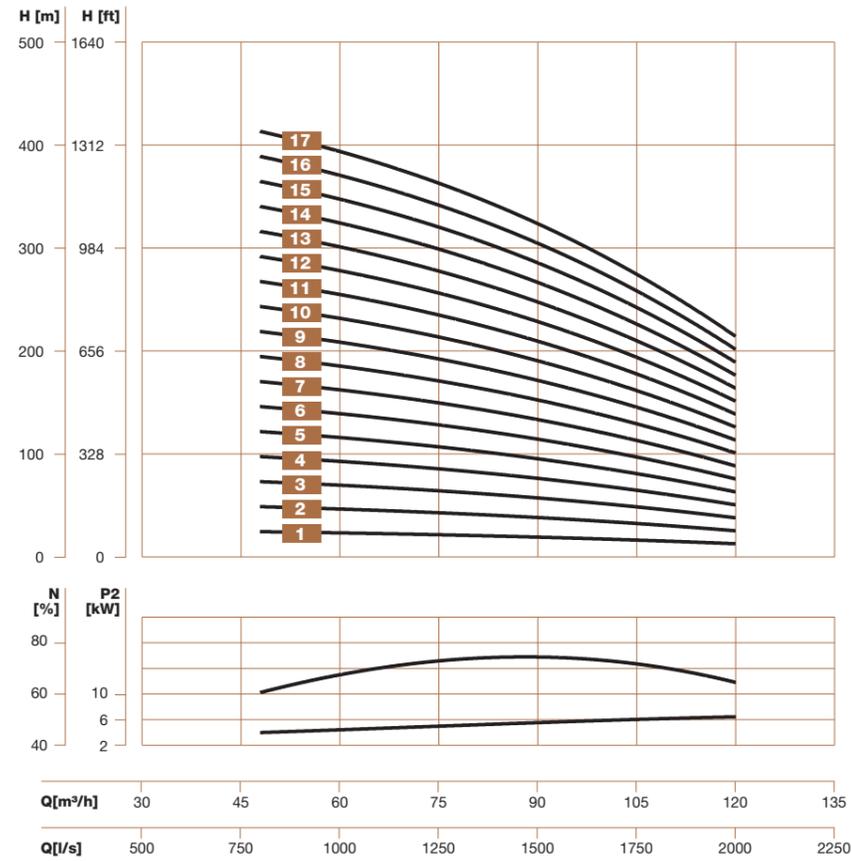


SX, SN, SD 8 90

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

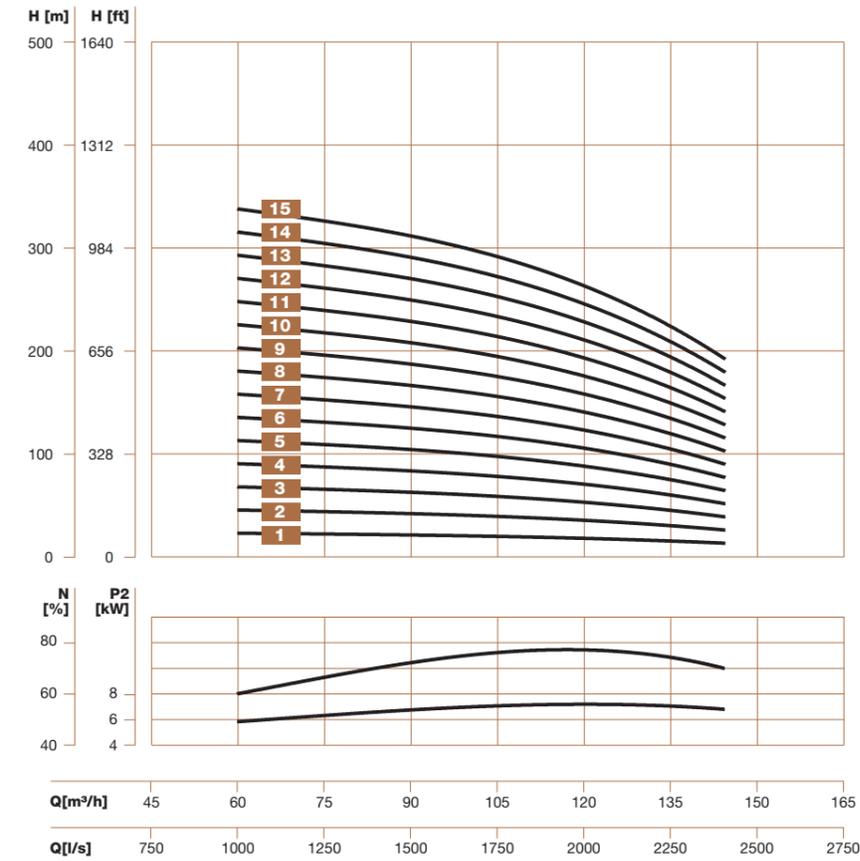
Model	P2		l/min	0	800	1000	1200	1400	1600	1800	2000
	kW	HP									
SX, SN, SD8 90-01 to 90-17	7,5	10	mca	0	13,33	16,67	20	23,33	26,67	30	33,33
	13	17,5		0	48	60	72	84	96	108	120
	22	30		27	24	23	22	20	18	16	13
	26	35		54	49	47	44	40	36	31	25
	37	50		81	73	70	65	60	54	47	38
	44	60		108	97	93	87	80	71	62	50
	44	60		135	121	116	109	101	89	78	63
	55	75		162	146	140	131	121	107	93	76
	66	90		189	170	163	152	141	125	109	88
	66	90		216	194	186	174	161	143	124	101
	75	100		243	218	209	196	181	161	140	114
	92	125		270	243	233	218	201	179	155	126
	92	125		297	267	256	239	221	197	171	139
	110	150		324	291	279	261	241	214	186	151
	110	150		351	315	302	283	262	232	202	164
	110	150		378	340	326	305	282	250	217	177
	110	150		405	364	349	326	302	268	233	189
110	150	432	388	372	348	322	286	248	202		
110	150	459	412	395	370	342	304	264	215		

Size and weight

Model	A	B	C	M	Weight
SX,SN,SD8 90-01	1226	525	701	55	19
SX,SN,SD8 90-02	1491	650	841	70	26
SX,SN,SD8 90-03	1846	775	1071	92	32
SX,SN,SD8 90-04	2081	900	1181	100	39
SX,SN,SD8 90-05	2366	1025	1341	118	45
SX,SN,SD8 90-06	2273	1150	1123	178	52
SX,SN,SD8 90-07	2398	1275	1123	178	58
SX,SN,SD8 90-08	2633	1400	1233	200	65
SX,SN,SD8 90-09	2828	1525	1303	214	71
SX,SN,SD8 90-10	2953	1650	1303	214	78
SX,SN,SD8 90-11	3158	1775	1383	230	84
SX,SN,SD8 90-12	3483	1900	1583	270	91
SX,SN,SD8 90-13	3608	2025	1583	270	97
SX,SN,SD8 90-14	3733	2150	1583	270	104
SX,SN,SD8 90-15	4008	2275	1733	300	110
SX,SN,SD8 90-16	4133	2400	1733	300	117
SX,SN,SD8 90-17	4258	2525	1733	300	123

SX, SN, SD 8 100

Performance curve ISO9906 Annex A 2850rpm



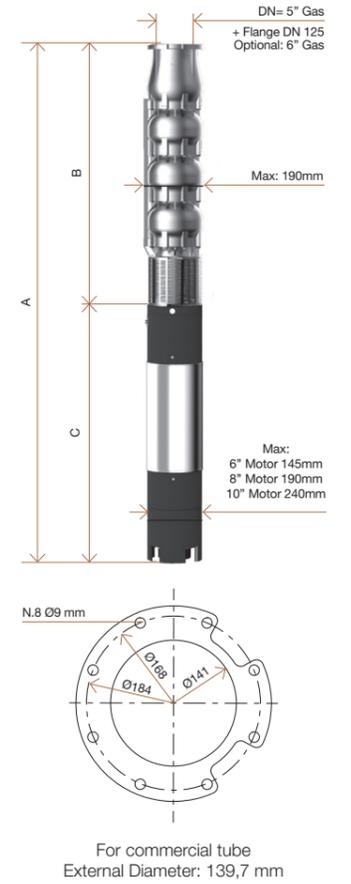
Performance table

Model	P2		l/min	0	1000	1200	1400	1600	1800	2000	2200	2400
	kW	HP										
SX, SN, SD8 100-01 to 100-15	7,5	10	mca	0	10	13,33	16,67	20	23,33	26,67	20	23,33
	15	20		0	36	48	60	72	84	96	72	84
	22	30		28	23	22	21	20	19	17	15	13
	30	40		55	45	44	42	41	38	35	31	26
	37	50		83	68	65	63	61	57	52	46	38
	44	60		110	90	87	84	82	76	69	62	51
	44	60		138	113	109	106	102	96	87	77	64
	55	75		165	135	131	127	122	115	104	92	77
	66	90		193	158	153	148	143	134	121	108	90
	66	90		220	180	174	169	163	153	138	123	102
	75	100		248	203	196	190	184	172	156	139	115
	92	125		275	225	218	211	204	191	173	154	128
	92	125		303	248	240	232	224	210	190	169	141
	110	150		330	270	262	253	245	229	208	185	154
	110	150		358	293	283	274	265	248	225	200	166
110	150	385	315	305	295	286	267	242	216	179		
110	150	413	338	327	317	306	287	260	231	192		

Size and weight

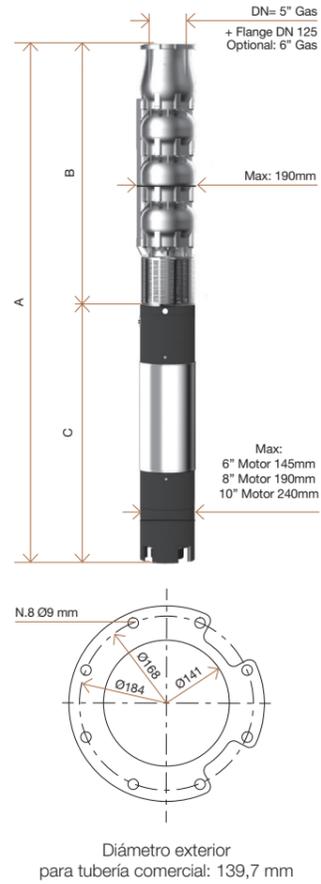
Model	A	B	C	M	Weight
SX,SN,SD8 100-01	1226	525	701	55	19
SX,SN,SD8 100-02	1581	650	931	75	26
SX,SN,SD8 100-03	1846	775	1071	92	33
SX,SN,SD8 100-04	2151	900	1251	108	40
SX,SN,SD8 100-05	2366	1025	1341	118	47
SX,SN,SD8 100-06	2273	1150	1123	178	53
SX,SN,SD8 100-07	2508	1275	1233	200	60
SX,SN,SD8 100-08	2703	1400	1303	214	67
SX,SN,SD8 100-09	2828	1525	1303	214	74
SX,SN,SD8 100-10	3033	1650	1383	230	81
SX,SN,SD8 100-11	3358	1775	1583	270	87
SX,SN,SD8 100-12	3483	1900	1583	270	94
SX,SN,SD8 100-13	3758	2025	1733	300	101
SX,SN,SD8 100-14	3883	2150	1733	300	108
SX,SN,SD8 100-15	4008	2275	1733	300	115

Installation sketch

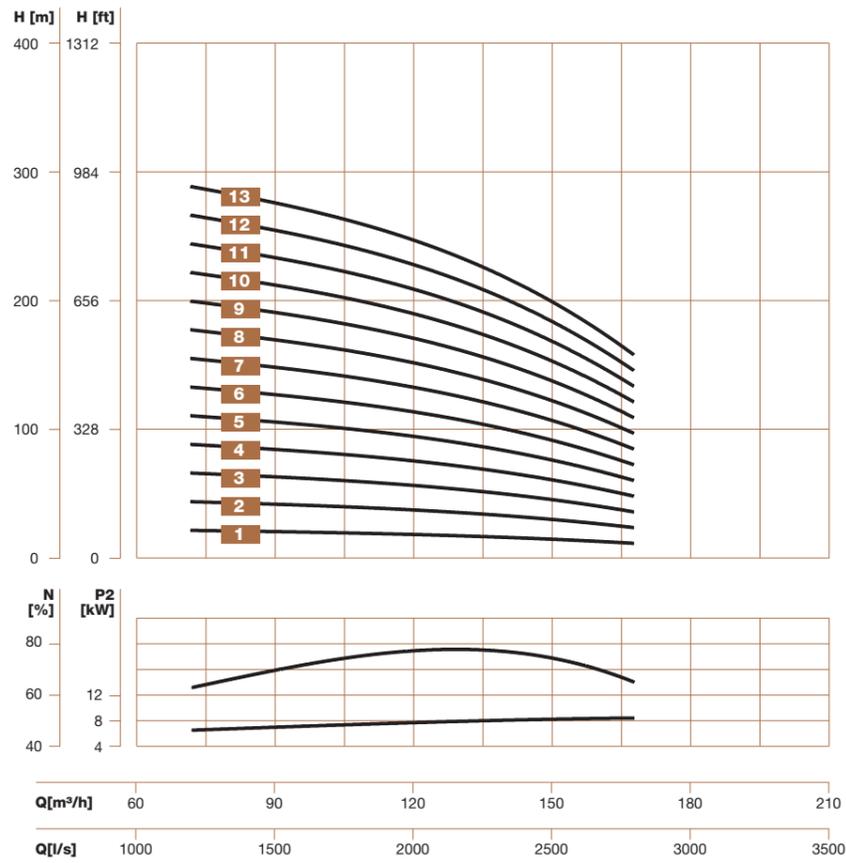


SX, SN, SD 8 125

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

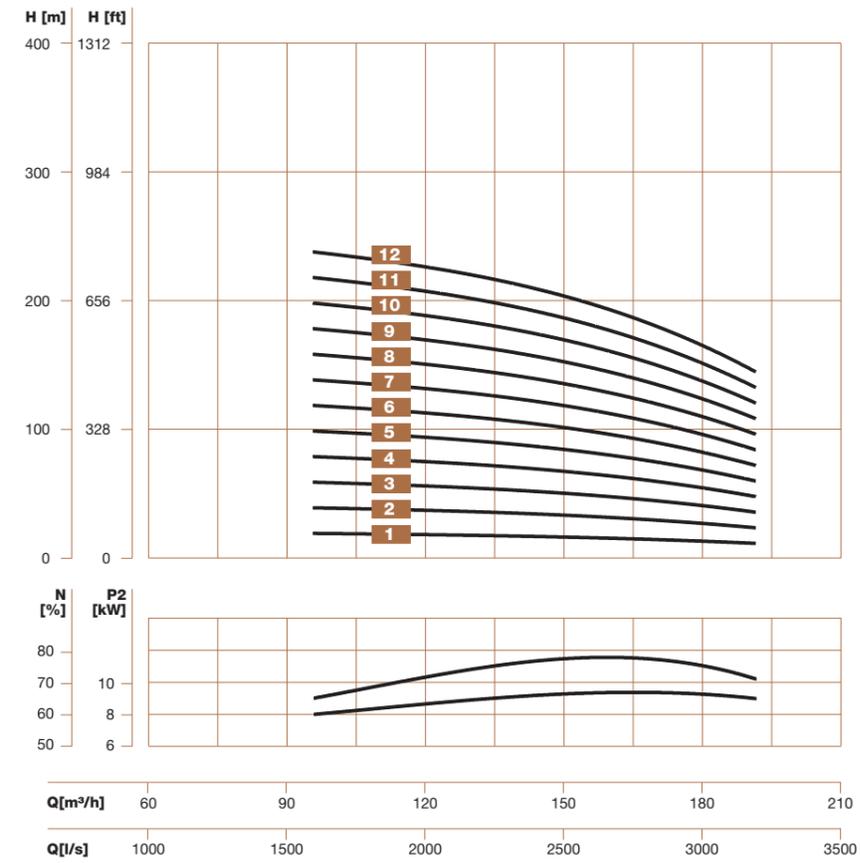
Model	P2		l/min	0	Flow (l/min)													
	kW	HP			mca													
					0	20	23,33	26,67	30	33,33	36,67	40	43,33	46,67	50	53,33		
SX,SN,SD8 125-01	9,2	12,5	27	23	22	21	20	19	18	16	15	12	SX,SN,SD8 125-01	1276	525	751	60	20
SX,SN,SD8 125-02	18,5	25	54	45	43	41	40	38	36	33	29	24	SX,SN,SD8 125-02	1641	650	991	83	27
SX,SN,SD8 125-03	26	35	81	68	65	62	59	57	54	49	44	36	SX,SN,SD8 125-03	1956	775	1181	100	34
SX,SN,SD8 125-04	37	50	108	90	86	83	79	76	72	66	58	48	SX,SN,SD8 125-04	2241	900	1341	118	41
SX,SN,SD8 125-05	44	60	135	113	108	104	99	95	90	82	73	60	SX,SN,SD8 125-05	2148	1025	1123	178	48
SX,SN,SD8 125-06	55	75	162	135	129	124	119	114	108	98	87	72	SX,SN,SD8 125-06	2383	1150	1233	200	55
SX,SN,SD8 125-07	66	90	189	158	151	145	139	133	126	115	102	84	SX,SN,SD8 125-07	2578	1275	1303	214	62
SX,SN,SD8 125-08	66	90	216	180	172	166	158	152	144	131	116	96	SX,SN,SD8 125-08	2703	1303	1233	214	69
SX,SN,SD8 125-09	75	100	243	203	194	186	178	171	162	148	131	108	SX,SN,SD8 125-09	2908	1525	1383	230	76
SX,SN,SD8 125-10	92	125	270	225	215	207	198	190	180	164	145	120	SX,SN,SD8 125-10	3233	1650	1583	270	83
SX,SN,SD8 125-11	92	125	297	248	237	228	218	209	198	180	160	132	SX,SN,SD8 125-11	3358	1775	1583	270	90
SX,SN,SD8 125-12	110	150	324	270	258	248	238	228	216	197	174	144	SX,SN,SD8 125-12	3633	1900	1733	300	97
SX,SN,SD8 125-13	110	150	351	293	280	269	257	247	234	213	189	156	SX,SN,SD8 125-13	3758	2025	1733	300	104

Size and weight

Model	A	B	C	M	Weight
SX, SN, SD8 125-01	1276	525	751	60	20
SX, SN, SD8 125-02	1641	650	991	83	27
SX, SN, SD8 125-03	1956	775	1181	100	34
SX, SN, SD8 125-04	2241	900	1341	118	41
SX, SN, SD8 125-05	2148	1025	1123	178	48
SX, SN, SD8 125-06	2383	1150	1233	200	55
SX, SN, SD8 125-07	2578	1275	1303	214	62
SX, SN, SD8 125-08	2703	1303	1233	214	69
SX, SN, SD8 125-09	2908	1525	1383	230	76
SX, SN, SD8 125-10	3233	1650	1583	270	83
SX, SN, SD8 125-11	3358	1775	1583	270	90
SX, SN, SD8 125-12	3633	1900	1733	300	97
SX, SN, SD8 125-13	3758	2025	1733	300	104

SX, SN, SD 8 150

Performance curve ISO9906 Annex A 2850rpm



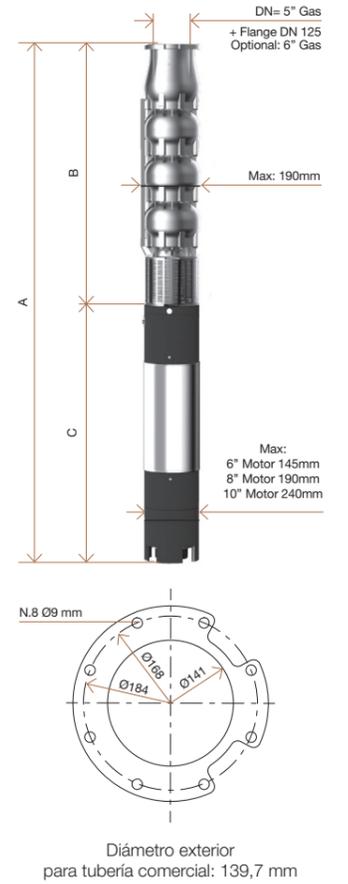
Performance table

Model	P2		l/min	0	Flow (l/min)													
	kW	HP			mca													
					0	26,67	30	33,33	36,67	40	43,33	46,67	50	53,33				
SX, SN, SD8 150-01	9,2	12,5	25	20	19	19	18	17	17	16	14	12	SX, SN, SD8 150-01	1301	550	751	60	20
SX, SN, SD8 150-02	18,5	25	50	40	39	38	36	35	33	31	28	24	SX, SN, SD8 150-02	1691	700	991	83	28
SX, SN, SD8 150-03	30	40	75	60	58	56	54	52	50	47	41	36	SX, SN, SD8 150-03	2101	850	1251	108	35
SX, SN, SD8 150-04	37	50	100	80	77	75	72	70	66	62	55	48	SX, SN, SD8 150-04	2341	1000	1341	118	43
SX, SN, SD8 150-05	55	75	125	100	97	94	91	87	83	78	69	60	SX, SN, SD8 150-05	2383	1150	1233	200	50
SX, SN, SD8 150-06	55	75	150	120	116	113	109	104	100	93	83	72	SX, SN, SD8 150-06	2533	1300	1233	200	58
SX, SN, SD8 150-07	66	90	175	140	135	132	127	122	116	109	97	84	SX, SN, SD8 150-07	2753	1450	1303	214	65
SX, SN, SD8 150-08	75	100	200	160	154	150	145	139	133	124	110	96	SX, SN, SD8 150-08	2983	1600	1383	230	73
SX, SN, SD8 150-09	92	125	225	180	174	169	163	157	149	140	124	108	SX, SN, SD8 150-09	3333	1750	1583	270	80
SX, SN, SD8 150-10	110	150	250	200	193	188	181	174	166	155	138	120	SX, SN, SD8 150-10	3633	1900	1733	300	88
SX, SN, SD8 150-11	110	150	275	220	212	207	199	191	183	171	152	132	SX, SN, SD8 150-11	3783	2050	1733	300	95
SX, SN, SD8 150-12	110	150	300	240	232	226	217	209	199	186	166	144	SX, SN, SD8 150-12	3933	2200	1733	300	103

Size and weight

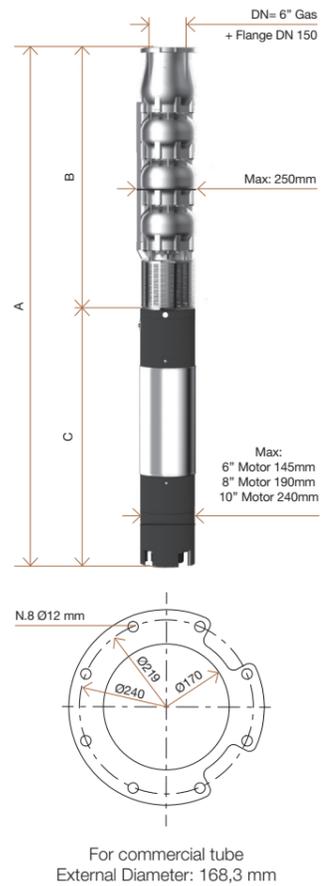
Model	A	B	C	M	Weight
SX, SN, SD8 150-01	1301	550	751	60	20
SX, SN, SD8 150-02	1691	700	991	83	28
SX, SN, SD8 150-03	2101	850	1251	108	35
SX, SN, SD8 150-04	2341	1000	1341	118	43
SX, SN, SD8 150-05	2383	1150	1233	200	50
SX, SN, SD8 150-06	2533	1300	1233	200	58
SX, SN, SD8 150-07	2753	1450	1303	214	65
SX, SN, SD8 150-08	2983	1600	1383	230	73
SX, SN, SD8 150-09	3333	1750	1583	270	80
SX, SN, SD8 150-10	3633	1900	1733	300	88
SX, SN, SD8 150-11	3783	2050	1733	300	95
SX, SN, SD8 150-12	3933	2200	1733	300	103

Installation sketch

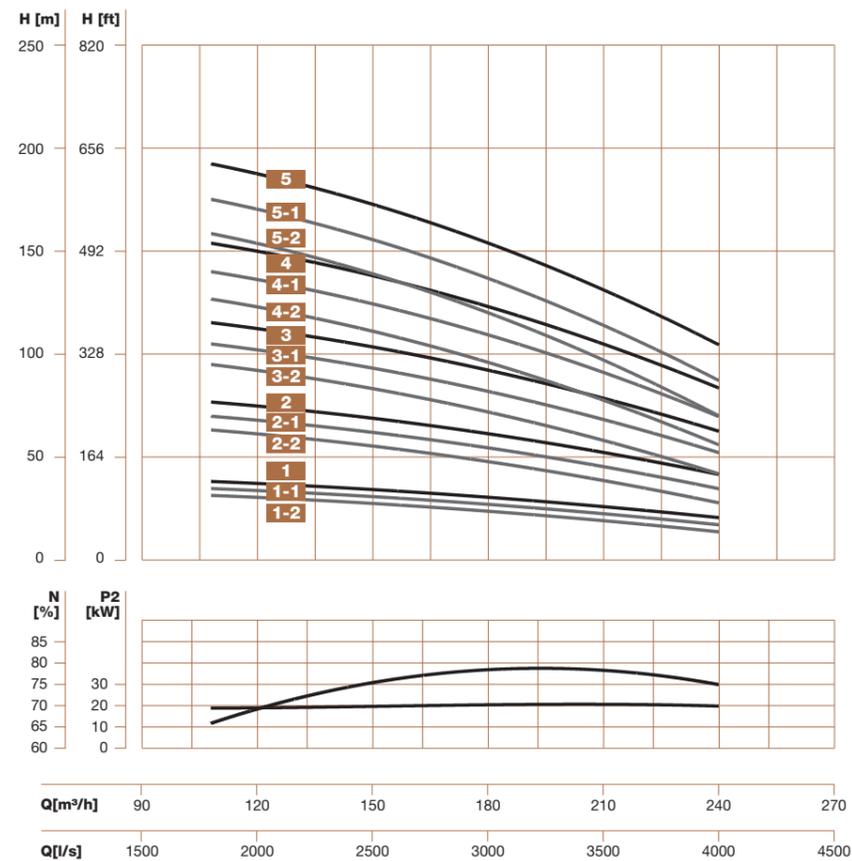


SX, SN, SD 10 200

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

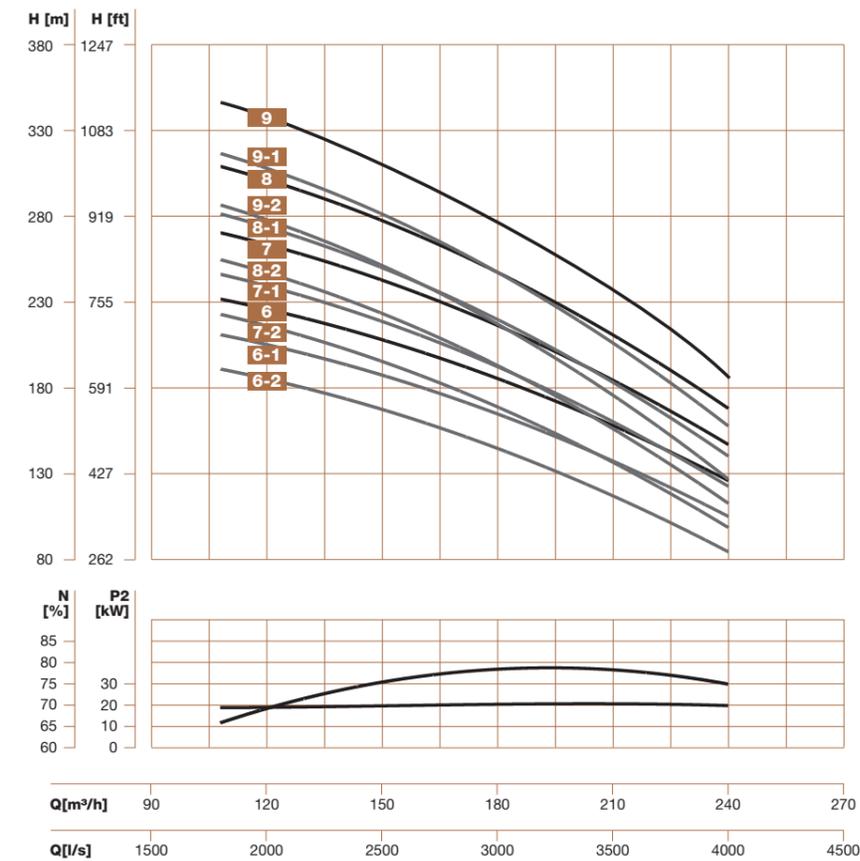
Model	P2		l/min	Q													
	kW	HP		0	mca												
					1800	2200	2600	3000	3400	3800	4000						
SX, SN, SD10 200-1-2	18,5	25	35	32	30	27	24	21	16	14							
SX, SN, SD10 200-1-1	18,5	25	38	35	33	31	28	24	20	17							
SX, SN, SD10 200-1	22	30	42	38	36	34	31	28	23	21							
SX, SN, SD10 200-2-2	37	50	69	63	60	55	49	41	33	28							
SX, SN, SD10 200-2-1	37	50	76	70	66	61	55	48	40	35							
SX, SN, SD10 200-2	44	60	83	77	73	68	62	55	47	41							
SX, SN, SD10 200-3-2	55	75	104	95	89	82	73	62	49	42							
SX, SN, SD10 200-3-1	55	75	114	105	99	92	83	72	59	52							
SX, SN, SD10 200-3	66	90	125	115	109	102	93	83	70	62							
SX, SN, SD10 200-4-2	66	90	138	126	119	110	98	82	66	56							
SX, SN, SD10 200-4-1	75	100	152	140	132	122	110	96	79	70							
SX, SN, SD10 200-4	92	125	166	154	146	136	124	110	94	82							
SX, SN, SD10 200-5-2	92	125	173	158	149	137	122	103	82	70							
SX, SN, SD10 200-5-1	92	125	190	175	165	153	138	120	99	87							
SX, SN, SD10 200-5	110	150	208	192	182	170	155	138	117	103							

Size and weight

Model	A	B	C	M	Weight
	mm				Kg
SX, SN, SD10 200-1-2	1616	625	991	83	41
SX, SN, SD10 200-1-1	1616	625	991	83	41
SX, SN, SD10 200-1	1696	625	1071	92	41
SX, SN, SD10 200-2-2	2146	805	1341	118	56
SX, SN, SD10 200-2-1	2146	805	1341	118	56
SX, SN, SD10 200-2	1928	805	1123	178	56
SX, SN, SD10 200-3-2	2218	985	1233	200	72
SX, SN, SD10 200-3-1	2218	985	1233	200	72
SX, SN, SD10 200-3	2288	985	1303	214	72
SX, SN, SD10 200-4-2	2468	1165	1303	214	87
SX, SN, SD10 200-4-1	2548	1165	1383	230	87
SX, SN, SD10 200-4	2748	1165	1583	270	87
SX, SN, SD10 200-5-2	2928	1345	1583	270	103
SX, SN, SD10 200-5-1	2928	1345	1583	270	103
SX, SN, SD10 200-5	3078	1345	1733	300	103

SX, SN, SD 10 200

Performance curve ISO9906 Annex A 2850rpm



Performance table

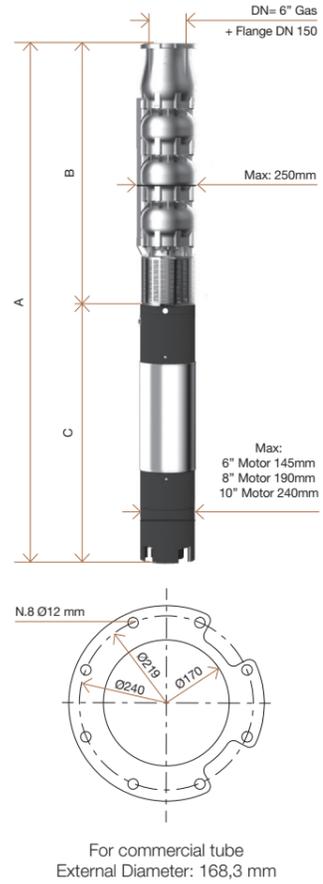
Model	P2		l/min	Q													
	kW	HP		0	mca												
					1800	2200	2600	3000	3400	3800	4000						
SX, SN, SD10 200-6-2	110	150	208	190	179	164	146	124	98	84							
SX, SN, SD10 200-6-1	110	150	228	210	198	184	166	144	119	104							
SX, SN, SD10 200-6	129	175	250	230	218	204	186	166	140	124							
SX, SN, SD10 200-7-2	110	150	242	221	209	192	171	144	115	98							
SX, SN, SD10 200-7-1	129	175	266	245	231	214	193	168	139	122							
SX, SN, SD10 200-7	147	200	291	269	255	238	217	193	164	144							
SX, SN, SD10 200-8-2	129	175	277	253	238	219	195	165	131	112							
SX, SN, SD10 200-8-1	147	200	304	280	264	245	221	192	158	139							
SX, SN, SD10 200-8	165	225	333	307	291	272	248	221	187	165							
SX, SN, SD10 200-9-2	147	200	311	284	268	247	220	185	148	126							
SX, SN, SD10 200-9-1	165	225	342	315	297	275	248	216	178	157							
SX, SN, SD10 200-9	185	250	374	346	328	306	279	248	211	185							

Size and weight

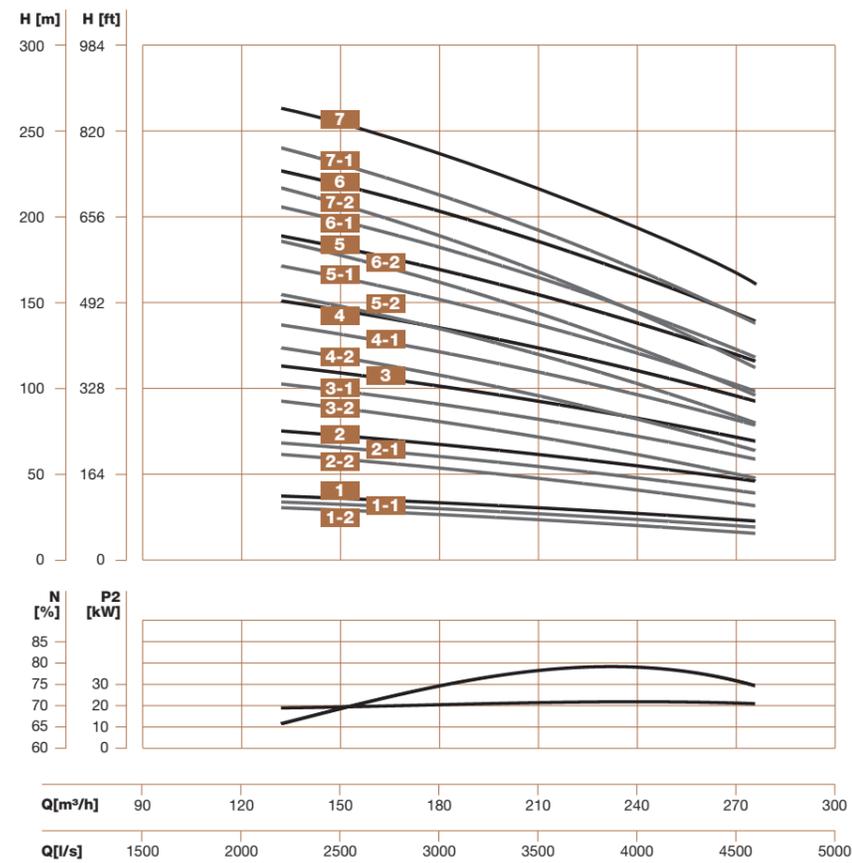
Model	A	B	C	M	Weight
	mm				Kg
SX, SN, SD10 200-6-2	3258	1525	1773	300	118
SX, SN, SD10 200-6-1	3258	1525	1773	300	118
SX, SN, SD10 200-6	3259	1525	1634	385	118
SX, SN, SD10 200-7-2	3438	1705	1773	300	134
SX, SN, SD10 200-7-1	3339	1705	1634	385	134
SX, SN, SD10 200-7	3439	1705	1734	415	134
SX, SN, SD10 200-8-2	3519	1885	1634	385	149
SX, SN, SD10 200-8-1	3619	1885	1734	415	149
SX, SN, SD10 200-8	3739	1885	1854	444	149
SX, SN, SD10 200-9-2	3799	2065	1734	415	165
SX, SN, SD10 200-9-1	3919	2065	1854	444	165
SX, SN, SD10 200-9	4049	2065	1984	480	165

SX, SN, SD 10 225

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

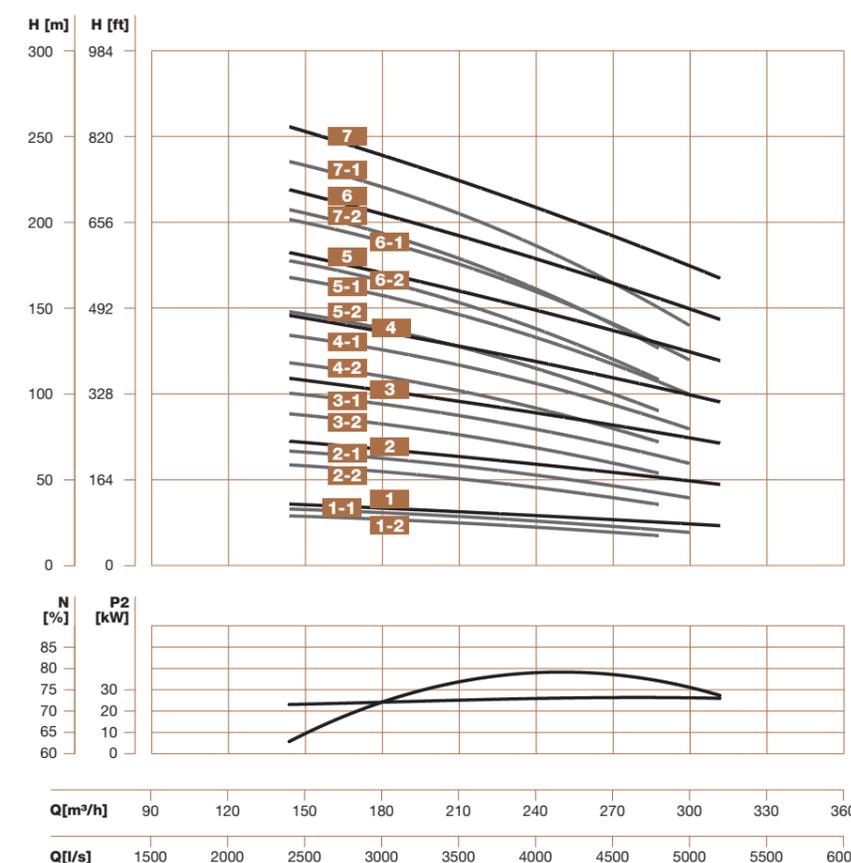
Model	P2		l/min	Q	2200	2600	3000	3400	3800	4200	4600
	kW	HP									
SX, SN, SD10 225-1-2	18,5	25	mca	37	31	29	27	25	23	19	16
SX, SN, SD10 225-1-1	22	30		40	34	33	31	29	26	23	20
SX, SN, SD10 225-1	22	30	44	38	36	34	32	30	26	23	
SX, SN, SD10 225-2-2	37	50	74	62	58	54	50	45	38	32	
SX, SN, SD10 225-2-1	44	60	81	68	65	61	57	52	46	39	
SX, SN, SD10 225-2	44	60	88	75	72	68	64	59	53	46	
SX, SN, SD10 225-3-2	55	75	110	93	87	81	75	68	57	48	
SX, SN, SD10 225-3-1	66	90	121	102	98	92	86	78	68	59	
SX, SN, SD10 225-3	75	100	131	113	108	102	96	89	79	69	
SX, SN, SD10 225-4-2	75	100	147	124	116	108	100	90	76	64	
SX, SN, SD10 225-4-1	92	125	162	136	130	122	114	104	91	78	
SX, SN, SD10 225-4	92	125	175	150	144	136	128	118	106	92	
SX, SN, SD10 225-5-2	92	125	184	155	145	135	125	113	95	80	
SX, SN, SD10 225-5-1	110	150	202	170	163	153	143	130	114	98	
SX, SN, SD10 225-5	129	175	219	188	180	170	160	148	132	115	
SX, SN, SD10 225-6-2	110	150	221	186	174	162	150	136	114	96	
SX, SN, SD10 225-6-1	129	175	242	204	196	184	172	156	137	118	
SX, SN, SD10 225-6	147	200	263	226	216	204	192	178	158	138	
SX, SN, SD10 225-7-2	129	175	258	217	203	189	175	158	133	112	
SX, SN, SD10 225-7-1	147	200	283	238	228	214	200	182	160	137	
SX, SN, SD10 225-7	165	175	307	263	252	238	224	207	185	161	

Size and weight

Model	A	B	C	M	Weight
SX,SN,SD10 225-1-2	1616	625	991	83	41
SX,SN,SD10 225-1-1	1696	625	1071	92	41
SX,SN,SD10 225-1	1696	625	1071	92	41
SX,SN,SD10 225-2-2	2146	805	1341	118	56
SX,SN,SD10 225-2-1	1928	805	1123	178	56
SX,SN,SD10 225-2	1928	805	1123	178	56
SX,SN,SD10 225-3-2	2218	985	1233	200	72
SX,SN,SD10 225-3-1	2288	985	1303	214	72
SX,SN,SD10 225-3	2368	985	1383	230	72
SX,SN,SD10 225-4-2	2548	1165	1383	230	87
SX,SN,SD10 225-4-1	2748	1165	1583	270	87
SX,SN,SD10 225-4	2748	1165	1583	270	87
SX,SN,SD10 225-5-2	2928	1345	1583	270	103
SX,SN,SD10 225-5-1	3078	1345	1733	300	103
SX,SN,SD10 225-5	2979	1345	1634	385	103
SX,SN,SD10 225-6-2	3258	1525	1733	300	118
SX,SN,SD10 225-6-1	3159	1525	1634	385	118
SX,SN,SD10 225-6	3259	1525	1734	415	118
SX,SN,SD10 225-7-2	3339	1705	1634	385	134
SX,SN,SD10 225-7-1	3439	1705	1734	415	134
SX,SN,SD10 225-7	3559	1705	1854	444	134

SX, SN, SD 10 245

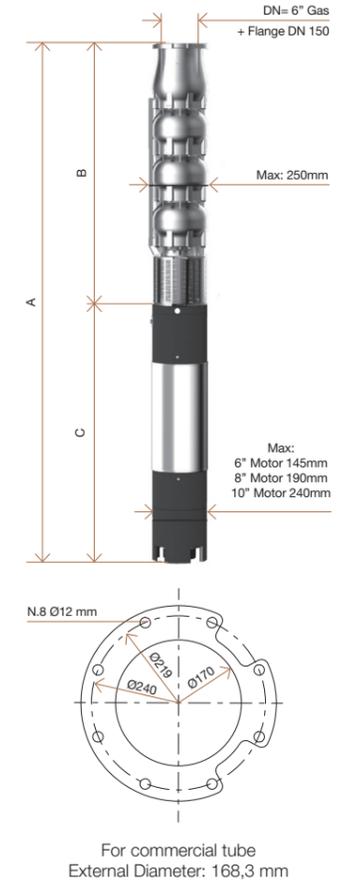
Performance curve ISO9906 Annex A 2850rpm



Performance table

Model	P2		l/min	Q	2400	2800	3200	3600	4000	4400	4800	5000	5200
	kW	HP											
SX,SN,SD10 245-1-2	18,5	25	mca	31	29	28	27	25	23	21	18		
SX,SN,SD10 245-1-1	22	30		36	33	32	31	29	27	24	22	20	
SX,SN,SD10 245-1	30	40	44	37	35	34	32	30	28	26	25	24	
SX,SN,SD10 245-2-2	37	50	62	58	56	54	50	46	42	36			
SX,SN,SD10 245-2-1	44	60	72	66	64	62	58	54	48	44	40		
SX,SN,SD10 245-2	55	75	88	73	69	67	64	59	56	52	50	48	
SX,SN,SD10 245-3-2	55	75	94	88	85	81	76	70	63	53			
SX,SN,SD10 245-3-1	66	90	107	100	97	93	86	80	73	65	59		
SX,SN,SD10 245-3	92	125	132	110	104	101	96	89	83	78	75	72	
SX,SN,SD10 245-4-2	75	100	125	117	113	108	101	93	84	71			
SX,SN,SD10 245-4-1	92	125	143	133	129	124	115	107	97	87	79		
SX,SN,SD10 245-4	110	150	176	146	138	134	128	118	111	104	100	96	
SX,SN,SD10 245-5-2	92	125	156	146	141	135	126	116	105	89			
SX,SN,SD10 245-5-1	110	150	179	166	161	155	144	134	121	109	99		
SX,SN,SD10 245-5	147	200	220	183	173	168	160	148	139	130	125	120	
SX,SN,SD10 245-6-2	110	150	187	175	169	162	151	139	126	107			
SX,SN,SD10 245-6-1	147	200	215	199	193	186	173	161	145	131	119		
SX,SN,SD10 245-6	165	225	264	220	208	202	192	178	167	156	150	144	
SX,SN,SD10 245-7-2	129	175	218	204	197	189	176	162	147	125			
SX,SN,SD10 245-7-1	165	225	251	232	225	217	202	188	169	153	139		
SX,SN,SD10 245-7	220	300	308	256	242	235	224	207	195	182	175	168	

Installation sketch

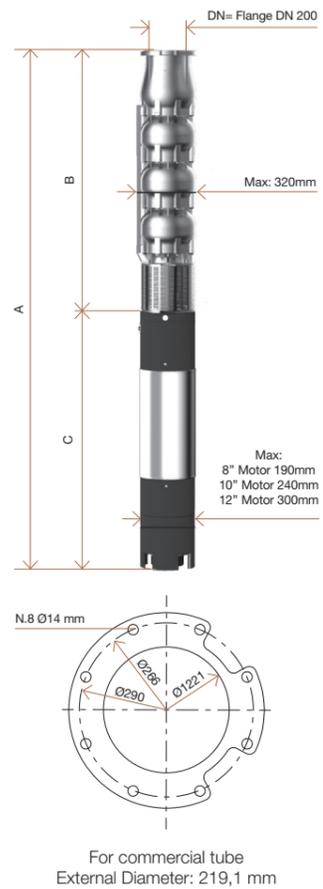


Size and weight

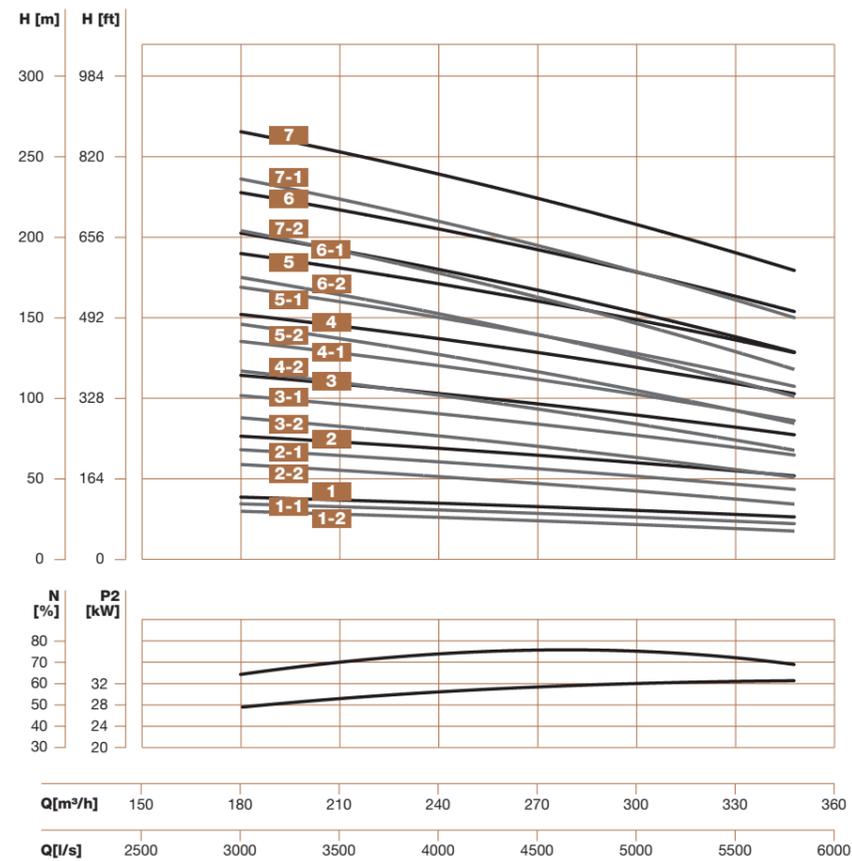
Model	A	B	C	M	Weight
SX,SN,SD10 245-1-2	1616	625	991	83	41
SX,SN,SD10 245-1-1	1696	625	1071	92	41
SX,SN,SD10 245-1	1876	625	1251	108	41
SX,SN,SD10 245-2-2	2146	805	1341	118	56
SX,SN,SD10 245-2-1	1928	805	1123	178	56
SX,SN,SD10 245-2	2038	805	1233	200	56
SX,SN,SD10 245-3-2	2218	985	1233	200	72
SX,SN,SD10 245-3-1	2288	985	1303	214	72
SX,SN,SD10 245-3	2568	985	1583	270	72
SX,SN,SD10 245-4-2	2548	1165	1383	230	87
SX,SN,SD10 245-4-1	2748	1165	1583	270	87
SX,SN,SD10 245-4	2898	1165	1733	300	87
SX,SN,SD10 245-5-2	2928	1345	1583	270	103
SX,SN,SD10 245-5-1	3078	1345	1733	300	103
SX,SN,SD10 245-5	3079	1345	1734	415	103
SX,SN,SD10 245-6-2	3258	1525	1733	300	118
SX,SN,SD10 245-6-1	3259	1525	1734	415	118
SX,SN,SD10 245-6	3379	1525	1854	444	118
SX,SN,SD10 245-7-2	3339	1705	1634	385	134
SX,SN,SD10 245-7-1	3559	1705	1854	444	134
SX,SN,SD10 245-7	0	1705	0	0	134

SX, SN, SD 12 275

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

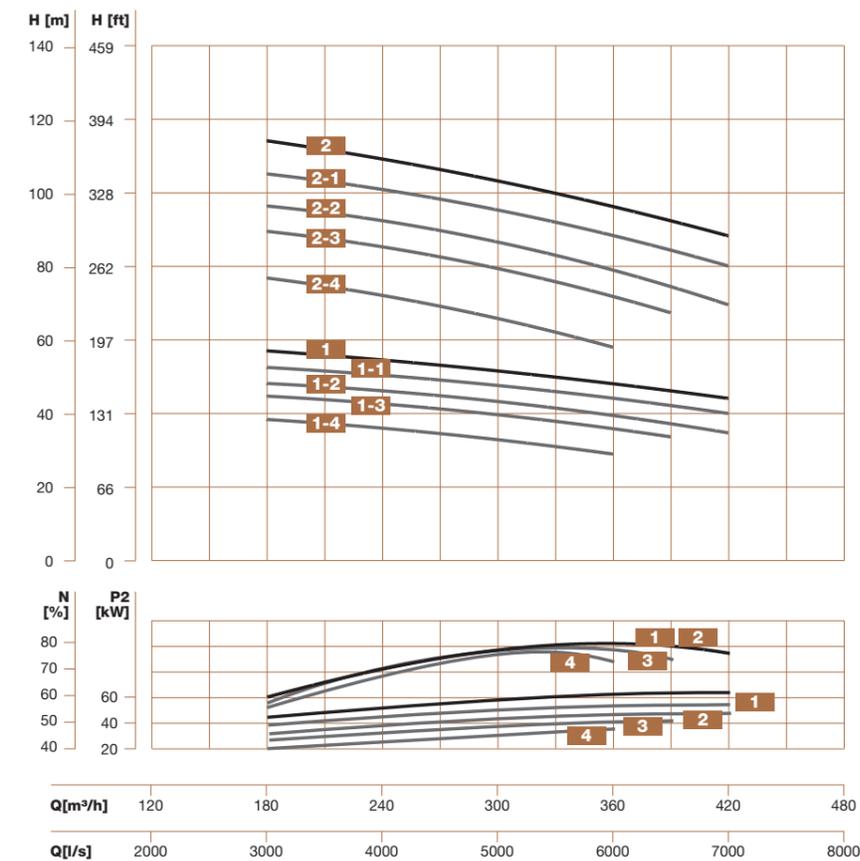
Model	P2		l/min	0	3000	3400	3800	4200	4600	5000	5400	5800
	kW	HP										
SX, SN, SD10 275-1-2	26	35	mca	36	29	28	26	25	23	21	19	16
SX, SN, SD10 275-1-1	30	40		41	33	32	31	29	27	26	24	21
SX, SN, SD10 275-1	44	60		45	38	37	35	34	32	30	28	25
SX, SN, SD10 275-2-2	55	75		72	58	56	52	50	46	42	39	32
SX, SN, SD10 275-2-1	66	90		82	67	65	62	59	55	52	48	42
SX, SN, SD10 275-2	66	90		90	75	73	70	67	63	60	56	50
SX, SN, SD10 275-3-2	75	100		109	86	83	79	74	68	64	58	49
SX, SN, SD10 275-3-1	92	125		122	100	97	92	88	82	77	72	62
SX, SN, SD10 275-3	110	150		135	113	110	105	101	95	90	85	75
SX, SN, SD10 275-4-2	110	150		145	115	111	105	99	91	85	78	65
SX, SN, SD10 275-4-1	129	175		163	134	130	123	118	110	103	96	83
SX, SN, SD10 275-4	129	175		180	150	146	140	134	126	120	113	100
SX, SN, SD10 275-5-2	129	175		181	144	139	131	124	114	106	97	81
SX, SN, SD10 275-5-1	147	200		204	167	162	154	147	137	129	120	104
SX, SN, SD10 275-5	165	225	225	188	183	175	168	158	150	141	125	
SX, SN, SD10 275-6-2	147	200	217	173	167	157	149	137	127	116	97	
SX, SN, SD10 275-6-1	185	250	245	200	194	185	176	164	155	144	125	
SX, SN, SD10 275-6	220	300	270	226	220	210	202	190	180	169	150	
SX, SN, SD10 275-7-2	185	250	253	202	195	183	174	160	148	136	113	
SX, SN, SD10 275-7-1	220	300	286	234	227	216	206	192	181	168	146	
SX, SN, SD10 275-7	250	340	315	263	256	245	235	221	210	197	175	

Size and weight

Model	A	B	C	M	Weight
SX,SN,SD10 275-1-2	1806	625	1181	100	41
SX,SN,SD10 275-1-1	1876	625	1251	108	41
SX,SN,SD10 275-1	1748	625	1123	178	41
SX,SN,SD10 275-2-2	2038	805	1233	200	56
SX,SN,SD10 275-2-1	2108	805	1303	214	56
SX,SN,SD10 275-2	2108	805	1303	214	56
SX,SN,SD10 275-3-2	2368	985	1383	230	72
SX,SN,SD10 275-3-1	2568	985	1583	270	72
SX,SN,SD10 275-3	2718	985	1733	300	72
SX,SN,SD10 275-4-2	2898	1165	1733	300	87
SX,SN,SD10 275-4-1	2799	1165	1634	385	87
SX,SN,SD10 275-4	2799	1165	1634	385	87
SX,SN,SD10 275-5-2	2979	1345	1634	385	103
SX,SN,SD10 275-5-1	3079	1345	1734	415	103
SX,SN,SD10 275-5	3199	1345	1854	444	103
SX,SN,SD10 275-6-2	3259	1525	1734	415	118
SX,SN,SD10 275-6-1	3509	1525	1984	480	118
SX,SN,SD10 275-6	0	1525	0	0	118
SX,SN,SD10 275-7-2	0	1705	0	0	134
SX,SN,SD10 275-7-1	0	1705	0	0	134
SX,SN,SD10 275-7	0	1705	0	0	134

SX, SN, SD 12 365

Performance curve ISO9906 Annex A 2850rpm



Performance table

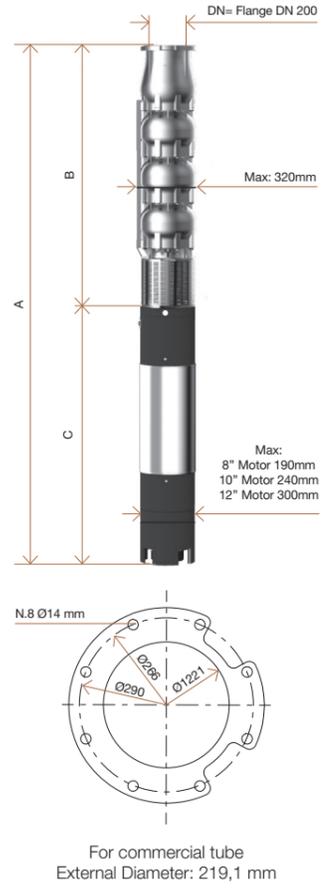
Model	P2		l/min	0	2400	2800	3200	3600	4000	4400	4800	5000	5200
	kW	HP											
SX, SN, SD12 365-1-4	18,5	25	mca	31	29	28	27	25	23	21	18		
SX, SN, SD12 365-1-3	22	30		36	33	32	31	29	27	24	22	20	
SX, SN, SD12 365-1-2	30	40		44	37	35	34	32	30	28	26	25	24
SX, SN, SD12 365-1-1	37	50		62	58	56	54	50	46	42	36		
SX, SN, SD12 365-1	44	60		72	66	64	62	58	54	48	44	40	
SX, SN, SD12 365-2-4	55	75		88	73	69	67	64	59	56	52	50	48
SX, SN, SD12 365-2-3	55	75		94	88	85	81	76	70	63	53		
SX, SN, SD12 365-2-2	66	90		107	100	97	93	86	80	73	65	59	
SX, SN, SD12 365-2-1	92	125		132	110	104	101	96	89	83	78	75	72
SX, SN, SD12 365-2	75	100		125	117	113	108	101	93	84	71		

Size and weight

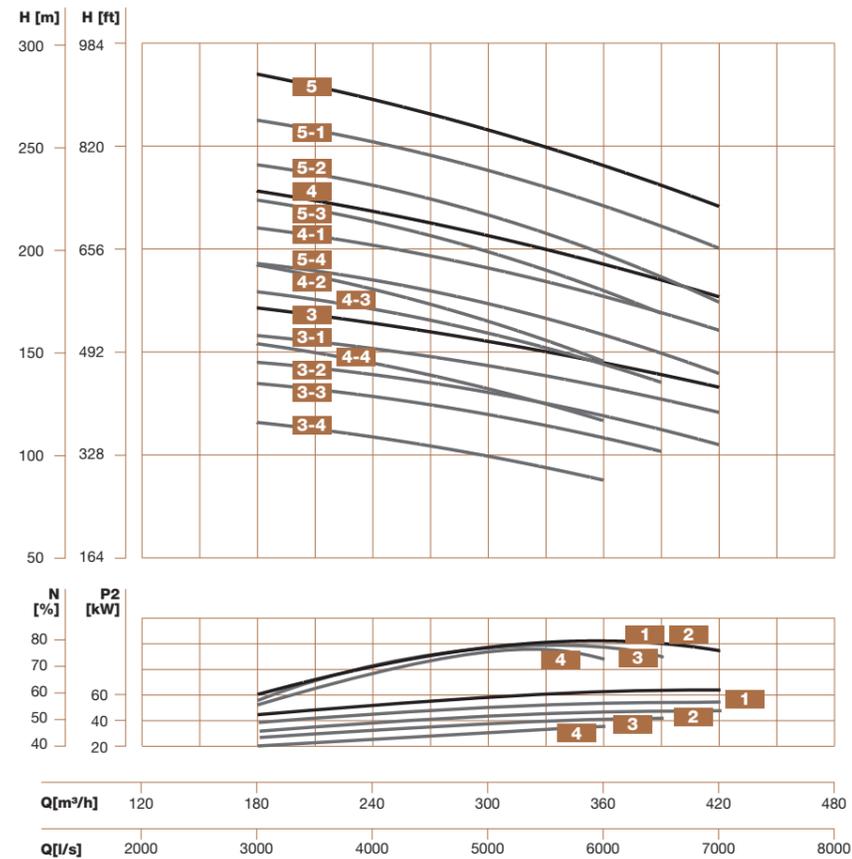
Model	A	B	C	M	Weight
SX,SN,SD12 365-1-4	1813	770	1043	160	79
SX,SN,SD12 365-1-3	1893	770	1123	178	79
SX,SN,SD12 365-1-2	2003	770	1233	200	79
SX,SN,SD12 365-1-1	2003	770	1233	200	79
SX,SN,SD12 365-1	2073	770	1303	214	79
SX,SN,SD12 365-2-4	2383	1000	1383	230	104
SX,SN,SD12 365-2-3	2583	1000	1583	270	104
SX,SN,SD12 365-2-2	2733	1000	1733	300	104
SX,SN,SD12 365-2-1	2504	1000	1504	350	104
SX,SN,SD12 365-2	2634	1000	1634	385	104

SX, SN, SD 12 365

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

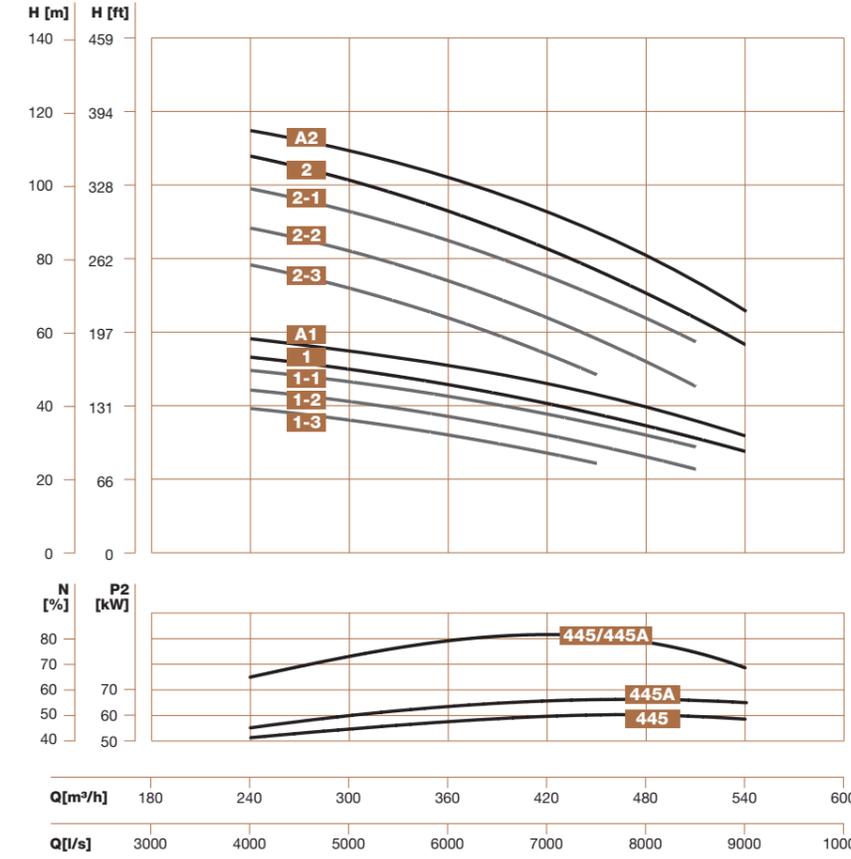
Model	P2		l/min	Q	Flow (m³/h)																									
	kW	HP			0	50	58,33	66,67	75	83,33	91,67	100	108,33	116,67	123	134	143	147	156	165	168	186	190	208	220	248	250	275	310	
SX, SN, SD12 365-3-4	110	150	mca	0	180	210	240	270	300	330	360	390	420																	
SX, SN, SD12 365-3-3	129	175		123	114	111	110	105	99	95	86																			
SX, SN, SD12 365-3-2	147	200		138	134	132	129	126	117	113	108	102																		
SX, SN, SD12 365-3-1	165	225		147	143	141	140	135	131	126	120	113	102																	
SX, SN, SD12 365-3	220	300		165	156	155	152	149	144	140	132	126	120																	
SX, SN, SD12 365-4-4	147	200		186	168	165	164	159	156	155	150	140	126																	
SX, SN, SD12 365-4-3	185	250		164	152	148	146	140	132	126	114	50	50																	
SX, SN, SD12 365-4-2	220	300		184	178	176	172	168	156	150	144	136	49																	
SX, SN, SD12 365-4-1	220	300		196	190	188	186	180	174	168	160	150	136																	
SX, SN, SD12 365-4	250	340		220	208	206	202	198	192	186	176	168	160																	
SX, SN, SD12 365-5-4	185	250		248	224	220	218	212	208	206	200	186	168																	
SX, SN, SD12 365-5-3	220	300		205	190	185	183	175	165	158	143	83	83																	
SX, SN, SD12 365-5-2	250	340		230	223	220	215	210	195	188	180	170	100																	
SX, SN, SD12 365-5-1	300	408		245	238	235	233	225	218	210	200	188	170																	
SX, SN, SD12 365-5	350	475		275	260	258	253	248	240	233	220	210	200																	
SX, SN, SD12 365-5	350	475		310	280	275	273	265	260	258	250	233	210																	

Size and weight

Model	A	B	C	M	Weight
SX,SN,SD12 365-3-4	2963	1230	1733	300	129
SX,SN,SD12 365-3-3	2864	1230	1634	385	129
SX,SN,SD12 365-3-2	2964	1230	1734	415	129
SX,SN,SD12 365-3-1	3084	1230	1854	444	129
SX,SN,SD12 365-3	3123	1230	1893	663	129
SX,SN,SD12 365-4-4	2964	1230	1734	415	129
SX,SN,SD12 365-4-3	3214	1230	1984	480	129
SX,SN,SD12 365-4-2	0	1230	0	0	129
SX,SN,SD12 365-4-1	0	1230	0	0	129
SX, SN, SD12 365-4	0	1230	0	0	129
SX,SN,SD12 365-5-4	3674	1690	1984	480	179
SX,SN,SD12 365-5-3	0	1690	0	0	179
SX,SN,SD12 365-5-2	0	1690	0	0	179
SX,SN,SD12 365-5-1	0	1690	0	0	179
SX,SN,SD12 365-5	0	1690	0	0	179

SX, SN, SD 12 445

Performance curve ISO9906 Annex A 2850rpm



Performance table

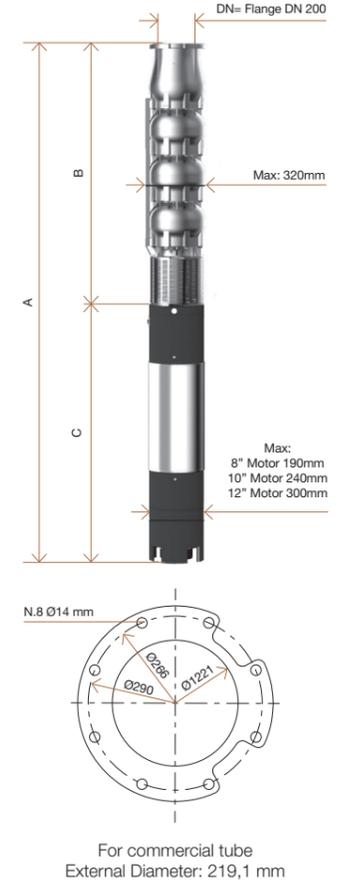
Model	P2		l/min	Q	Flow (m³/h)																								
	kW	HP			0	66,67	75	83,33	91,67	100	108,33	116,67	125	133,33	141,67	150	150	160	169	178	187	196	205	214	223	232	241	250	
SX, SN, SD12 445-1-3	37	50	mca	0	240	270	300	330	360	390	420	450	480	510	540														
SX, SN, SD12 445-1-2	44	60		43	39	38	36	34	32	30	27	24																	
SX, SN, SD12 445-1-1	55	75		47	44	43	41	39	37	35	33	30	26	22															
SX, SN, SD12 445-1	66	90		53	50	48	46	44	42	40	38	36	32	28															
SX, SN, SD12 445 A-1	66	90		58	54	52	50	48	46	44	42	40	37	31	27														
SX, SN, SD12 445-2-3	75	100		61	57	54	53	52	50	48	46	44	41	39	32														
SX, SN, SD12 445-2-2	92	125		86	78	76	72	68	64	60	54	48																	
SX, SN, SD12 445-2-1	110	150		94	88	86	82	77	73	69	65	59	52	44															
SX, SN, SD12 445-2	129	175		106	100	96	92	88	84	80	76	71	64	56															
SX, SN, SD12 445 A-2	147	200		116	108	104	100	96	92	88	84	80	73	62	54														
SX, SN, SD12 445 A-2	147	200		122	114	108	106	104	100	96	92	89	82	78	64														

Size and weight

Model	A	B	C	M	Weight
SX,SN,SD12 445-1-3	1813	770	1043	160	79
SX,SN,SD12 445-1-2	1893	770	1123	178	79
SX,SN,SD12 445-1-1	2003	770	1233	200	79
SX,SN,SD12 445-1	2073	770	1303	214	79
SX,SN,SD12 445 A-1	2073	770	1303	214	79

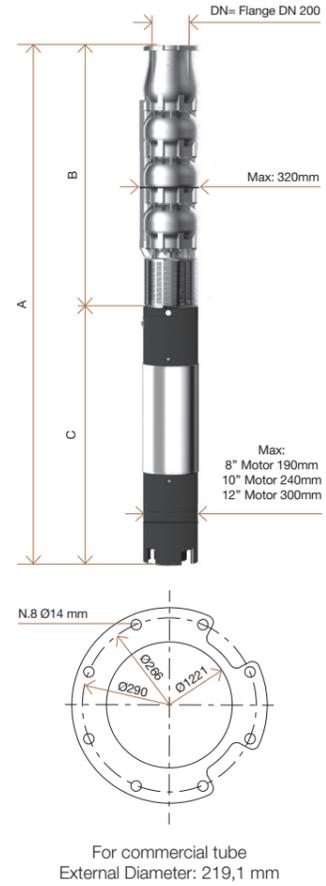
Model	A	B	C	M	Weight
SX,SN,SD12 445-2-3	2383	1000	1383	230	104
SX,SN,SD12 445-2-2	2583	1000	1583	270	104
SX,SN,SD12 445-2-1	2733	1000	1733	300	104
SX,SN,SD12 445-2	2634	1000	1634	385	104
SX,SN,SD12 445 A2	2734	1000	1734	415	104

Installation sketch

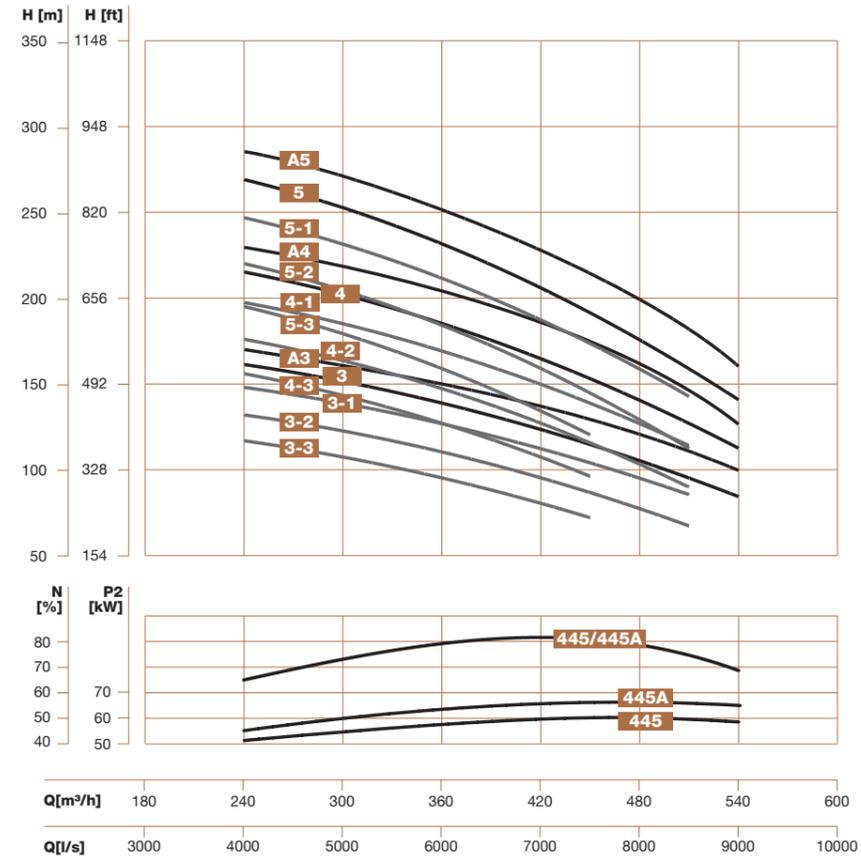


SX, SN, SD 12 445

Installation sketch



Performance curve ISO9906 Annex A 2850rpm



Performance table

Model	P2		l/min	mca													
	kW	HP		0	4000	4500	5000	5500	6000	6500	7000	7500	8000	8500	9000		
			0	66,67	75	83,33	91,67	100	108,33	116,67	25	133,33	141,67	150			
			0	240	270	300	330	360	390	420	450	480	510	540			
SX, SN, SD12 445-3-3	129	175	129	117	113	108	102	96	89	81	72						
SX, SN, SD12 445-3-2	147	200	141	132	129	123	116	110	104	98	89	78	66				
SX, SN, SD12 445-3-1	165	225	159	150	144	138	132	126	120	114	107	96	84				
SX, SN, SD12 445-3	185	250	174	162	156	150	144	138	132	126	120	110	93	81			
SX, SN, SD12 445 A-3	220	300	183	171	162	159	156	150	144	138	134	123	117	96			
SX, SN, SD12 445-4-3	165	225	172	156	150	144	136	128	118	108	96						
SX, SN, SD12 445-4-2	185	250	188	176	172	164	154	146	138	130	118	104	88				
SX, SN, SD12 445-4-1	220	300	212	200	192	184	176	168	160	152	142	128	112				
SX, SN, SD12 445-4	250	340	232	216	208	200	192	184	176	168	160	146	124	108			
SX, SN, SD12 445 A-4	300	408	244	228	216	212	208	200	192	184	178	164	156	128			
SX, SN, SD12 445-5-3	220	300	215	195	188	180	170	160	148	135	120						
SX, SN, SD12 445-5-2	250	340	235	220	215	205	193	183	173	163	148	130	110				
SX, SN, SD12 445-5-1	300	408	265	250	240	230	220	210	200	190	178	160	140				
SX, SN, SD12 445-5	300	408	290	270	260	250	240	230	220	210	200	183	155	135			
SX, SN, SD12 445 A-5	350	475	305	285	270	265	260	250	240	230	223	205	195	160			

Size and weight

Model	A	B	C	M	Weight	Model	A	B	C	M	Weight	Model	A	B	C	M	Weight
	mm						mm						mm				
SX,SN,SD12 445-3-3	2864	1230	1634	385	129	SX,SN,SD12 445-4-3	3084	1230	1854	444	129	SX,SN,SD12 445-5-3	0	1690	0	0	179
SX,SN,SD12 445-3-2	2964	1230	1734	415	129	SX,SN,SD12 445-4-2	3214	1230	1984	480	129	SX,SN,SD12 445-5-2	0	1690	0	0	179
SX,SN,SD12 445-3-1	3084	1230	1854	444	129	SX,SN,SD12 445-4-1	0	1230	0	0	129	SX,SN,SD12 445-5-1	0	1690	0	0	179
SX,SN,SD12 445-3	3214	1230	1984	480	129	SX,SN,SD12 445-4	0	1230	0	0	129	SX, SN, SD12 445-5	0	1690	0	0	179
SX,SN,SD12 445 A-3	0	1230	0	0	129	SX,SN,SD12 445 A-4	0	1230	0	0	129	SX,SN,SD12 445 A-5	0	1690	0	0	179





202543-CTL-SX&SN-EN
subject to amendments

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