



water passion

1959

WHO WE ARE

WE WANT TO CONTINUE THAT WHICH WAS STARTED MANY YEARS AGO BY VINICIO METTIFOGO, FOUNDER AND PIONEER.

Calpeda is a family owned company with an history of 60 years.

Today, we are a reality that has evolved over the years, always looking to the future with a spirit that has brought us to being a respected reference point in the great world of water.

Our history has taken our tradition and strength to you, acknowledged for our professionalism, quality, reliability and service.



2020

CALPEDA TODAY

Employees: 600
HQ Offices: Montorso V. (Vicenza) Italy
Main factory: 30,000 sq. metres (covered)
Types of pumps: more than 2,000
Power outputs: from 0.5 kW to 200 kW





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Construction

Stainless steel construction designed and built for years of trouble free operation. Designed and built to operate in difficult conditions. All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431, 304 or 316 stainless steel. Heavy duty stainless steel discharge upper casing with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum. Smooth safety hook. NEMA standard of bracket mounting. High quality shaft bearings provide low friction and high wear resistance. The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft. Stainless steel strainer to restrict the entry of sand and other extraneous material.

Applications

Potable water supply
Agricultural irrigation and livestock watering
Municipal and industrial water supply
Pressure boosting
Mining applications
Groundwater lowering
Fountain

Pumped liquids

Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operating conditions

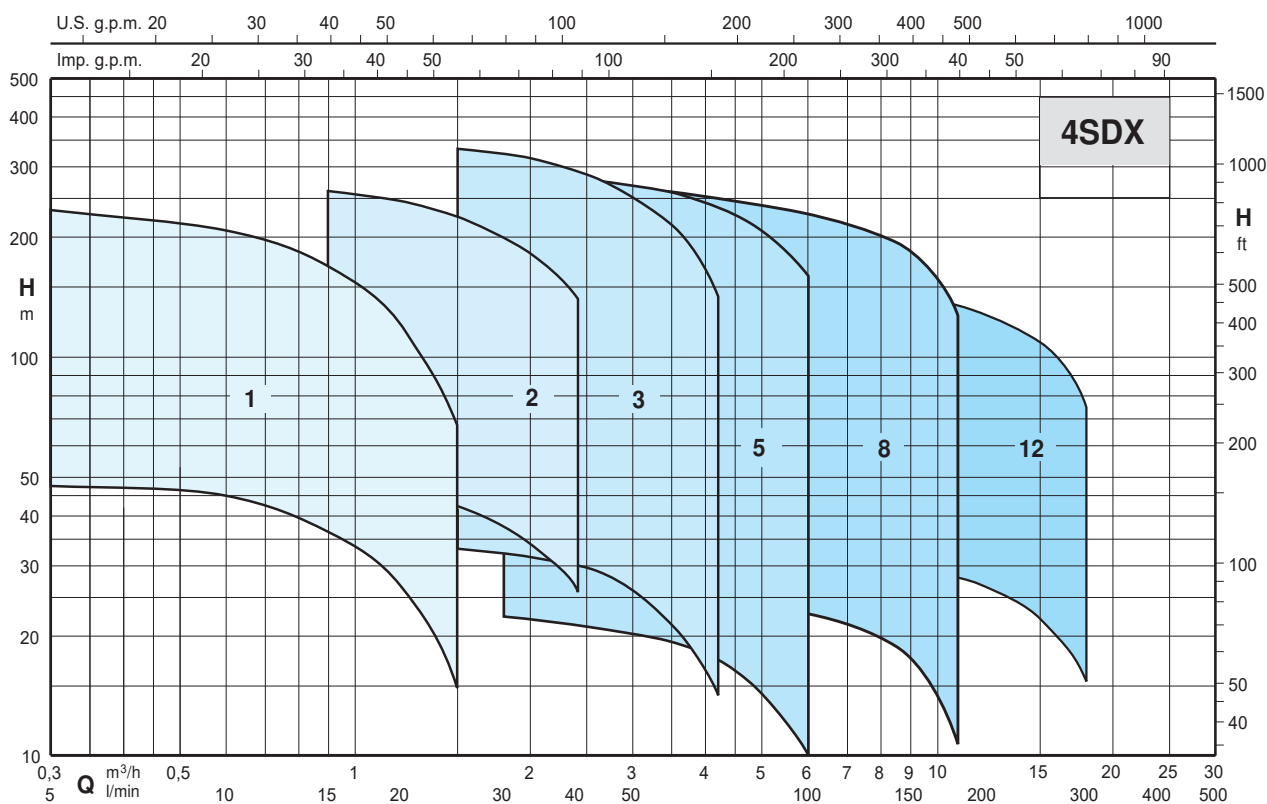
Delivery : min 0.3 m³/h up to max 18 m³/h.
Head : up to 265 m.
Maximum ambient temperature (liquid): 40 °C
Maximum permissible quantity of sand : 50g/m³.

Screen size of each hole:

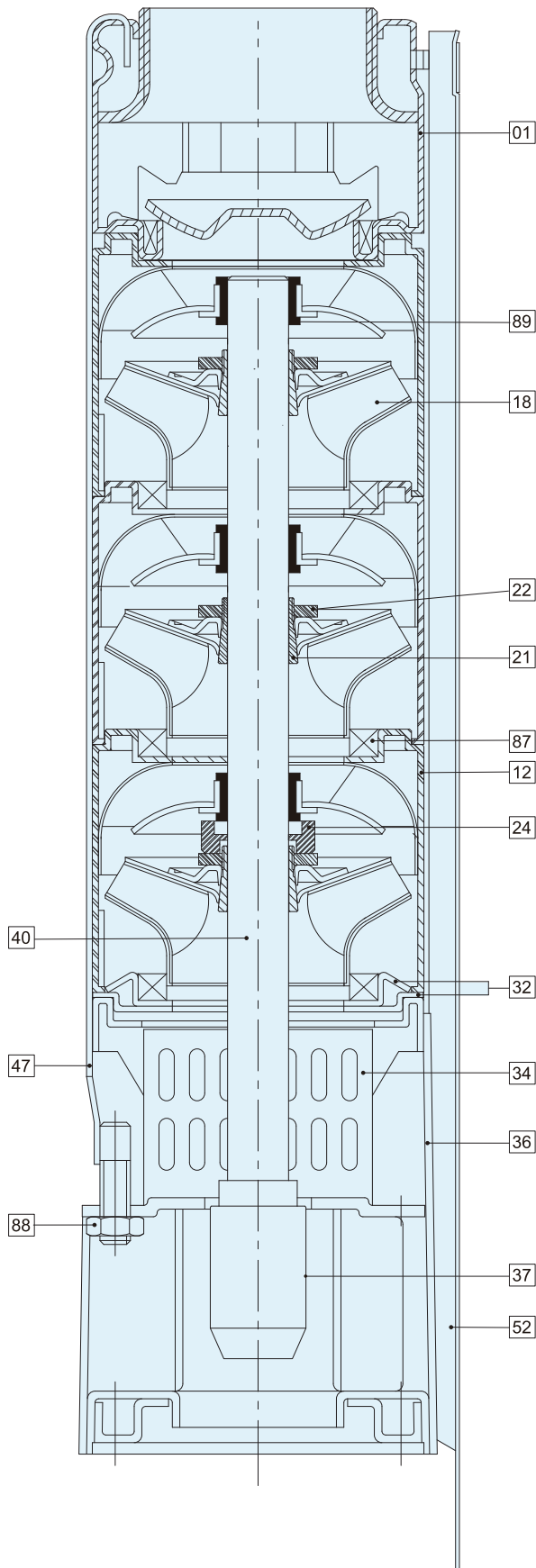
5 x 1 mm (SDX 1 ~ 2) ----- 

Ø2.5 mm (SDX 3 ~ 5) ----- 

20 x 4 mm (SDX 8 ~ 12) --- 



Components / Materials



Pos.	Components	Standard
01	Discharge	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
24	Stop Ring	Carbon + Graphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Coupling	SUS304 / SUS316
40	Pump Shaft	SUS304 / SUS431 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
87	Neck Ring	SUS304+NBR / SUS316+NBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR

*AISI 316 stainless steel pumps are available on request.

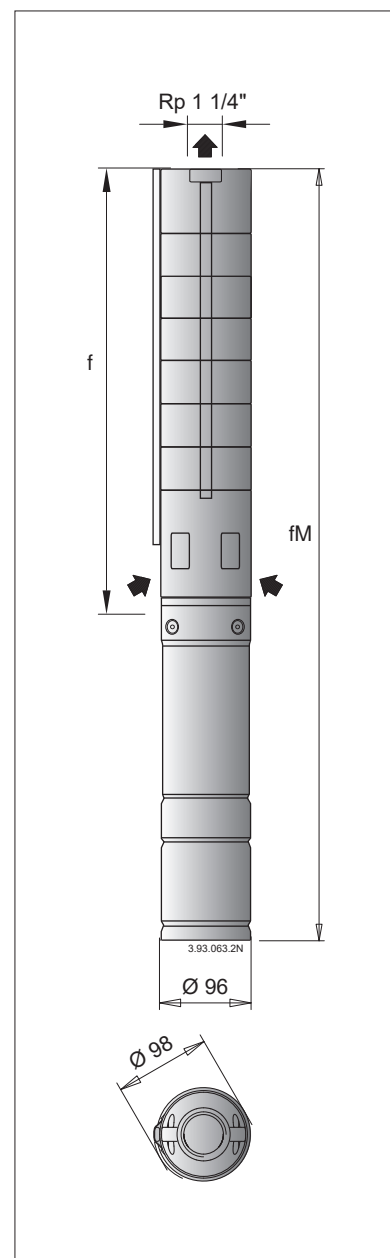
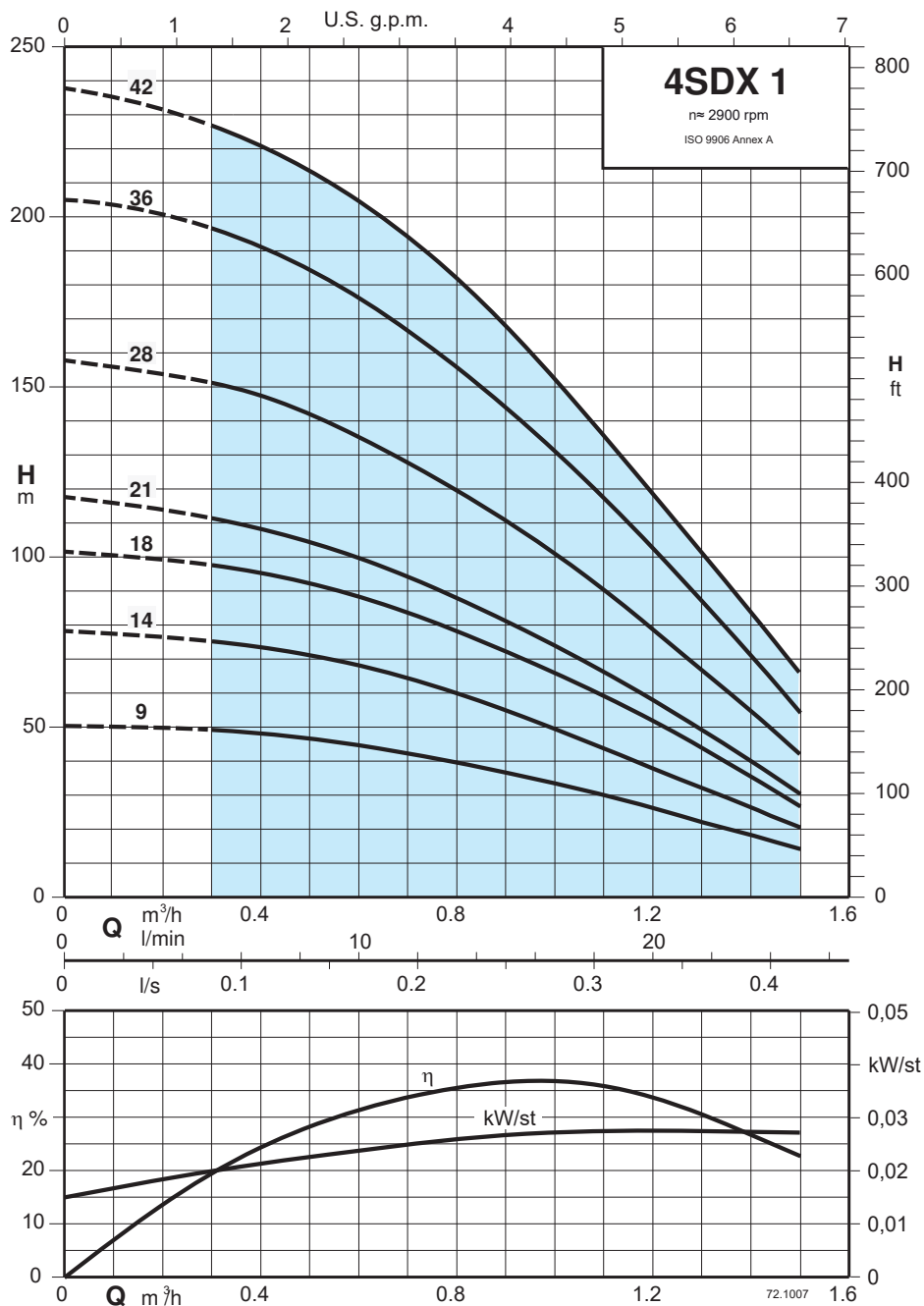
*Example 4SDX-120

4SDX 1

Submersible borehole pumps for 4"



Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



3~	400 V (380-415) 50 Hz	1~	230V * P1				P2		Q m³/h	n ≈ 2900 1/min									
			450 Vc				kW	HP		0	0,3	0,6	0,9	1,2	1,5				
			A	A	μF	kW			l/min	0	5	10	15	20	25				
4SDX 1/9	1,2	4SDXM 1/9	3,2	16	0,71	0,37	0,5	H m	50	47	45	36	26	14					
4SDX 1/14	1.2	4SDXM 1/14	3,2	16	0,71	0,37	0,5		78	75	68	55	38	21					
4SDX 1/18	1.5	4SDXM 1/18	4	25	0,91	0,55	0,75		102	97	88	72	52	27					
4SDX 1/21	1.5	4SDXM 1/21	4	25	0,91	0,55	0,75		118	111	100	81	58	30					
4SDX 1/28	2.2	4SDXM 1/28	5,6	30	1,24	0,75	1		158	151	138	111	79	42					
4SDX 1/36	2.8	4SDXM 1/36	8	40	1,71	1.1	1.5		205	196	175	144	103	54					
4SDX 1/42	2.8	4SDXM 1/42	8	40	1.17	1.1	1.5		238	227	203	168	118	67					

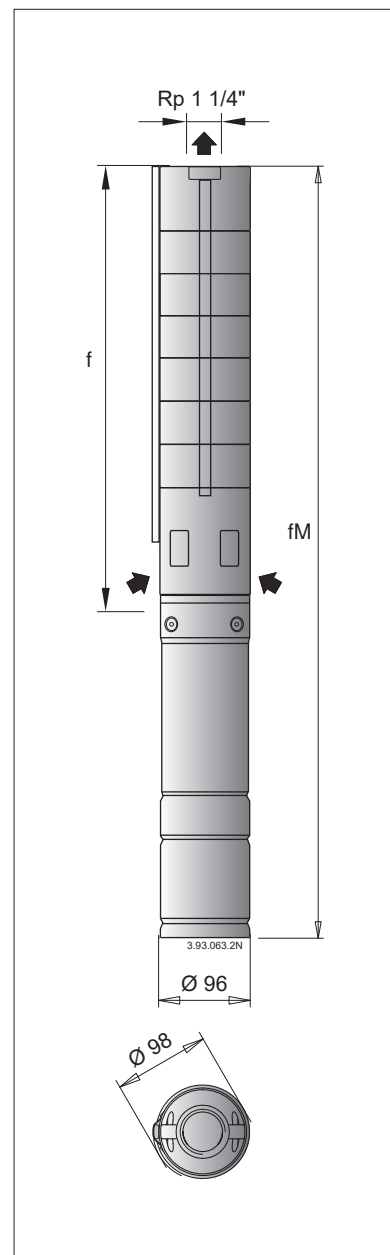
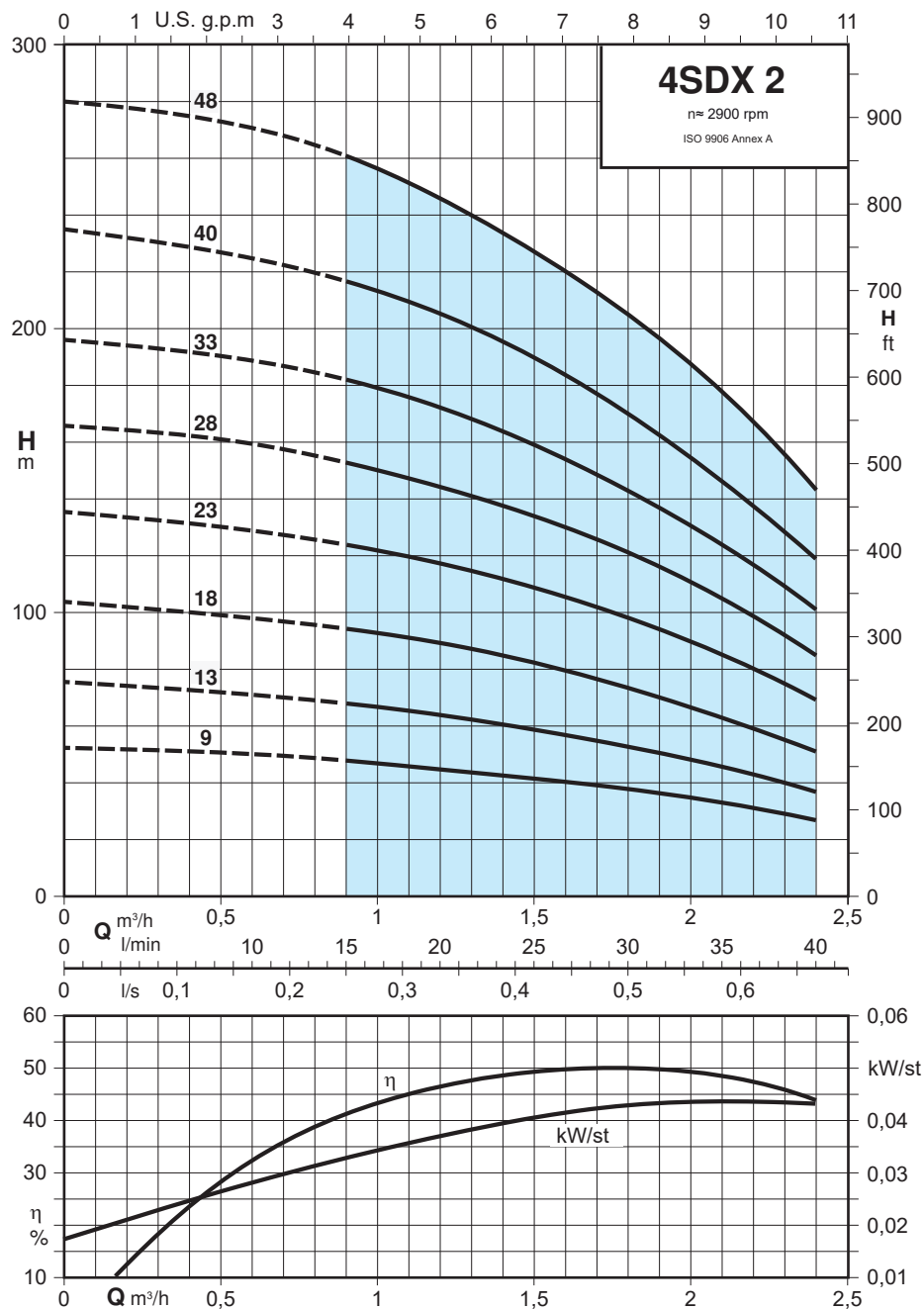
4SDX			4SDXM		
f	fM	kg	fM	fM	kg
356	683	10,6	683	10,5	
461	788	11,4	788	11,3	
545	872	12,1	907	13,8	
608	935	12,7	970	14,4	
755	1102	14,9	1117	15,6	
946	1308	19,4	1348	20,6	
1072	1434	20,8	1474	22	

4SDX 2

Submersible borehole pumps for 4"



Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



3~	400 V (380-415) 50 Hz A	1~	230V A	* 450 Vc μF	P1 kW	P2 kW	HP	Q m³/h l/min	n ≈ 2900 1/min									
									0	0,9	1,2	1,5	1,8	2,1	2,4			
									0	15	20	25	30	35	40			
4SDX 2-09	1,2	4SDXM 2-09	3,2	16	0,71	0,37	0,5	H m	52	48	45	42	38	33	27			
4SDX 2-13	1,5	4SDXM 2-13	4	25	0,91	0,55	0,75		76	68	64	59	53	46	37			
4SDX 2-18	2,2	4SDXM 2-18	5,6	30	1,24	0,75	1		104	94	89	82	74	63	51			
4SDX 2-23	2,8	4SDXM 2-23	8	40	1,71	1,1	1,5		136	124	117	109	98	85	69			
4SDX 2-28	3,7	4SDXM 2-28	10,8	60	2,33	1,5	2		166	153	144	134	121	105	85			
4SDX 2-33	3,7	4SDXM 2-33	10,8	60	2,33	1,5	2		196	182	172	159	143	124	101			
4SDX 2-40	5,5	4SDXM 2-40	14,7	70	3,25	2,2	3		235	217	205	190	170	147	119			
4SDX 2-48	5,5	4SDXM 2-48	14,7	70	3,25	2,2	3		280	261	246	227	205	178	144			

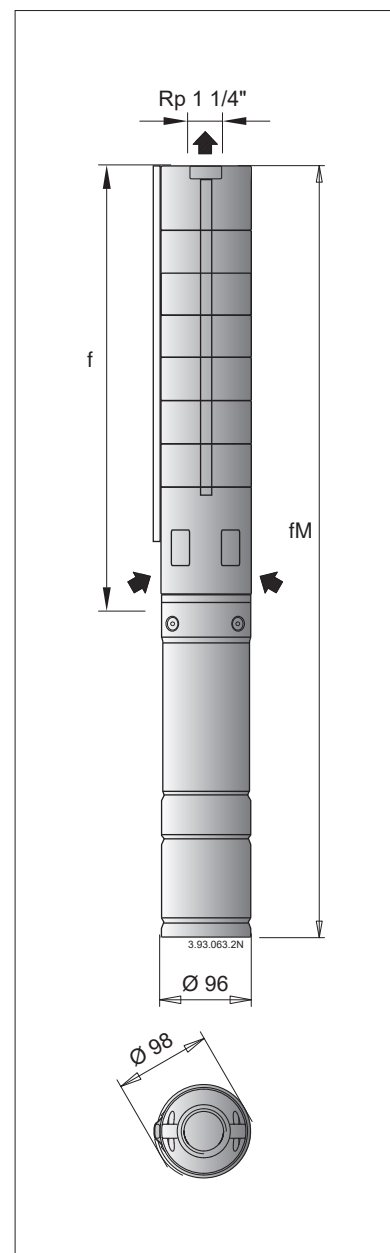
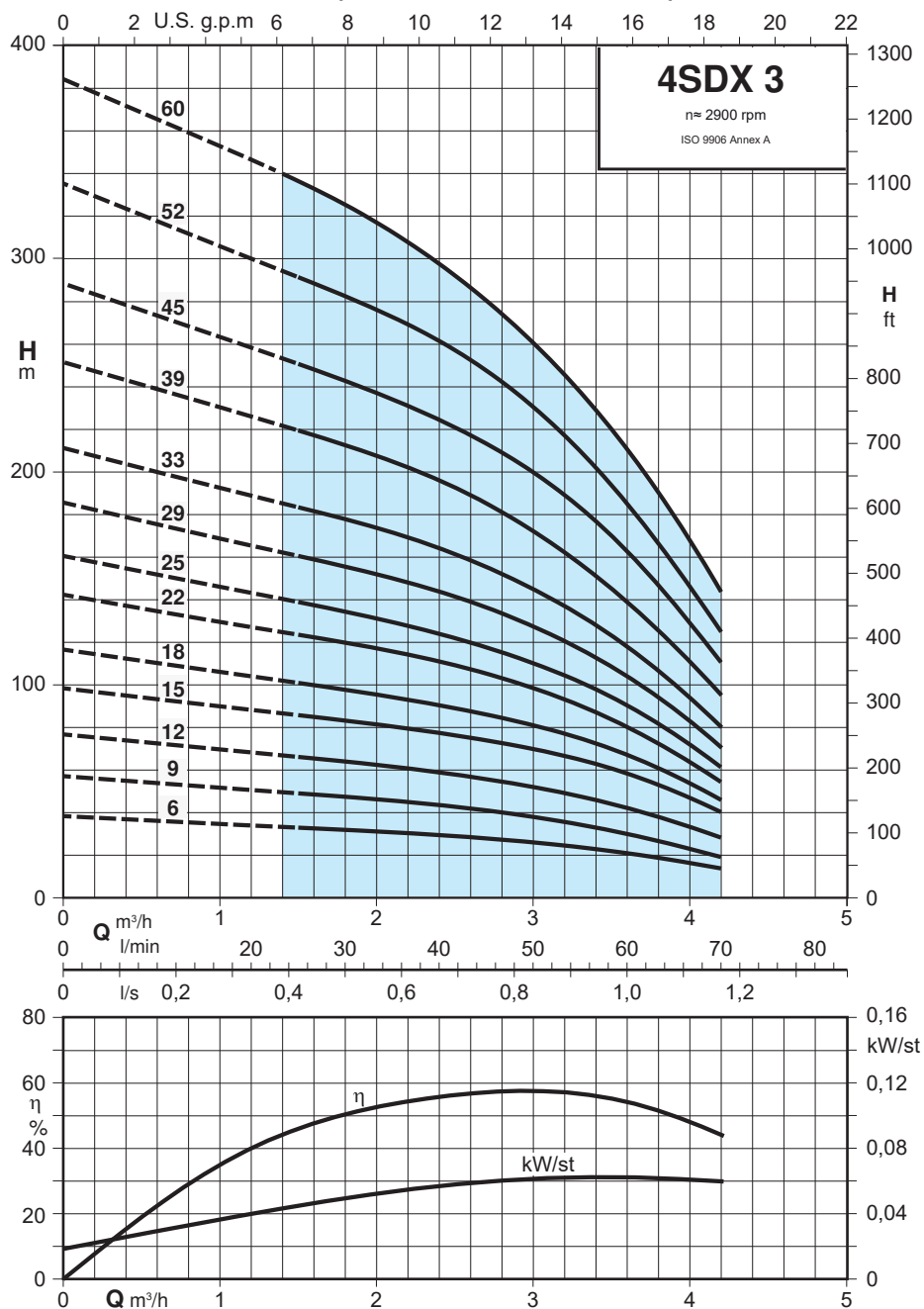
f mm	4SDX			4SDXM		
	fM mm	kg		fM mm	kg	
356	683	10,7		683	10,6	
440	767	11,5		802	13,2	
545	892	13,4		907	14,1	
650	1012	15,2		1052	16,4	
755	1157	17,4		1202	19	
883	1285	20,5		1330	22,1	
1030	1432	23,2		1547	27,2	
1198	1600	25,2		1715	29,2	

4SDX 3

Submersible borehole pumps for 4"



Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



	400 V (380-415) 50 Hz		230V		P1		P2		Q m^3/h l/min	n $\approx$ 2900 1/min									
	3~ A	1~ A	450 Vc μF	kW	kW	HP	kW	HP		0	1,5	1,8	2,1	2,4	2,7	3	3,6	4,2	
4SDX 3-6	1,2	4SDXM 3-6	3,2	16	0,71	0,37	0,5		H m	38	33	32	31	30	28	26	21	14	
4SDX 3-9	1,5	4SDXM 3-9	4	25	0,91	0,55	0,75			57	49	47	46	43	41	38	30	19	
4SDX 3-12	2,2	4SDXM 3-12	5,6	30	1,24	0,75	1			77	66	64	62	58	56	52	42	28	
4SDX 3-15	2,8	4SDXM 3-15	8	40	1,71	1,1	1,5			97	85	83	80	77	74	69	57	40	
4SDX 3-18	2,8	4SDXM 3-18	8	40	1,71	1,1	1,5			116	101	97	94	90	85	80	67	45	
4SDX 3-22	3,7	4SDXM 3-22	10,8	60	2,33	1,5	2			142	123	120	115	110	105	98	80	54	
4SDX 3-25	3,7	4SDXM 3-25	10,8	60	2,33	1,5	2			160	139	134	129	123	117	110	90	61	
4SDX 3-29	5,5	4SDXM 3-29	14,7	70	3,25	2,2	3			185	160	155	150	143	136	127	103	70	
4SDX 3-33	5,5	4SDXM 3-33	14,7	70	3,25	2,2	3			211	183	177	171	164	155	145	118	80	
4SDX 3-39	7,4						3	4		251	219	212	205	196	185	172	138	95	
4SDX 3-45	7,4						3	4		288	250	242	234	224	213	199	162	110	
4SDX 3-52	9,4						4	5,5		334	291	282	272	261	247	230	184	124	
4SDX 3-60	9,4						4	5,5		384	336	325	312	297	280	260	210	143	

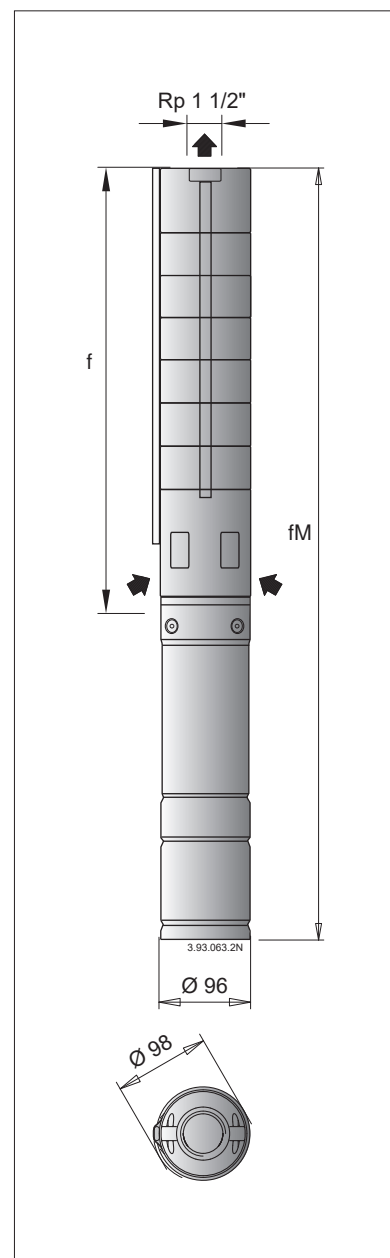
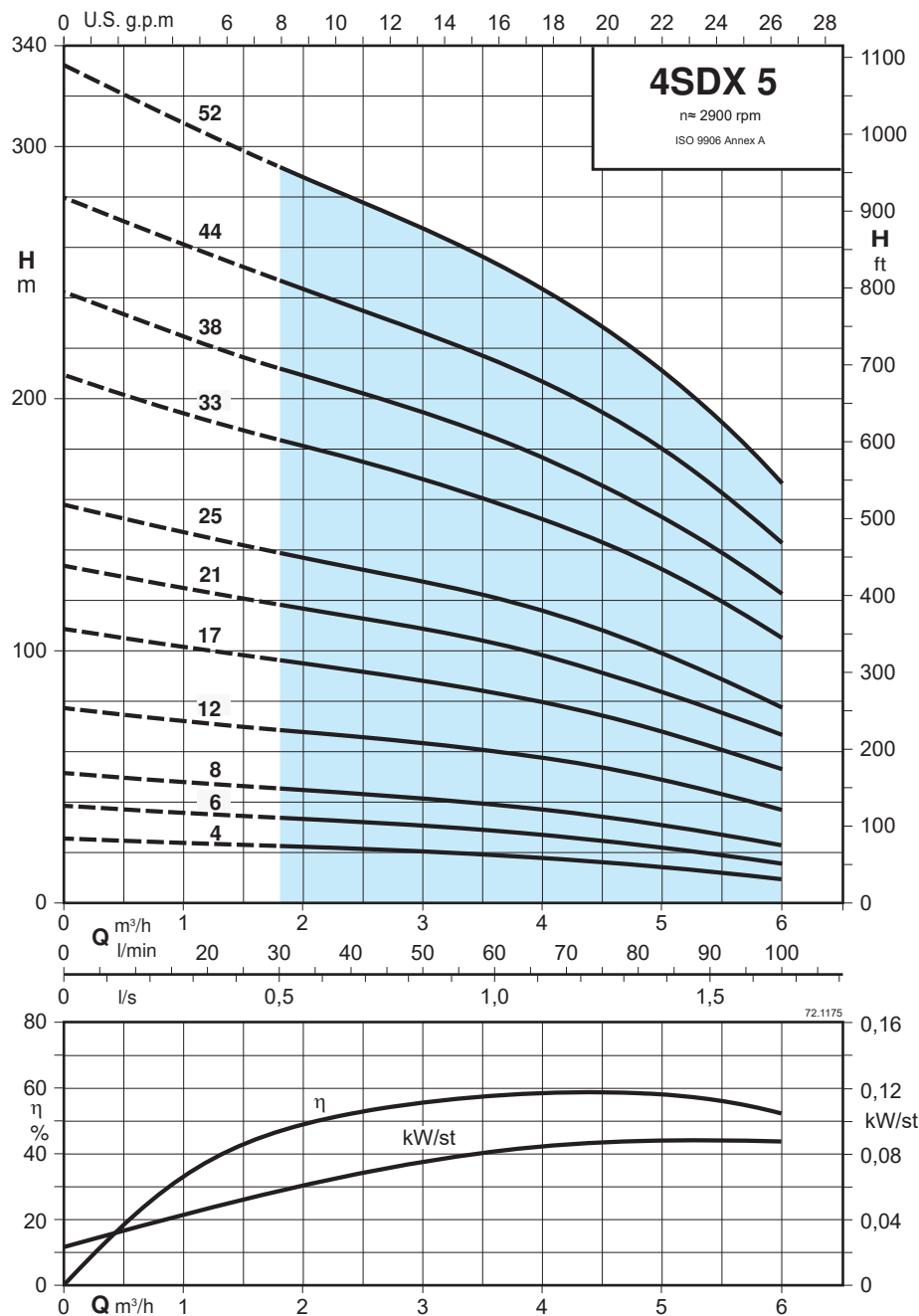
f mm	4SDX		4SDXM	
	fM mm	kg	fM mm	kg
293	620	10,1	620	10
356	683	10,7	718	12,4
419	766	12,3	781	13
482	844	13,7	884	14,9
545	907	14,2	947	15,4
629	1031	16,3	1076	17,9
692	1094	16,9	1139	18,5
776	1178	18,5	1293	22,5
883	1285	21,4	1400	25,4
1009	1490	26,1		
1135	1616	27,6		
1282	1828	32,7		
1450	1996	34,8		

4SDX 5

Submersible borehole pumps for 4"



Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



3~	400 V (380-415) 50 Hz A	1~	230V * P1				P2		Q m³/h l/min	n ≈ 2900 1/min									
			A	450 Vc		kW	HP	0		1,8	2,1	2,4	3	3,6	4,2	4,8	5,4	6	
				µF	kW			0		30	35	40	50	60	70	80	90	100	
4SDX 5-04	1,2	4SDXM 5-04	3,2	16	0,71	0.37	0.5	H m	25	23	22	21	20	19	17	15	12	10	
4SDX 5-06	1,5	4SDXM 5-06	4	25	0,91	0.55	0.75		38	34	33	32	30	28	26	23	20	16	
4SDX 5-08	2,2	4SDXM 5-08	5,6	30	1,24	0.75	1		51	45	44	43	41	39	36	32	28	23	
4SDX 5-12	2,8	4SDXM 5-12	8	40	1,71	1.1	1.5		77	68	67	66	63	60	56	51	44	37	
4SDX 5-17	3,7	4SDXM 5-17	10,8	60	2,33	1.5	2		108	96	94	92	88	83	77	70	62	53	
4SDX 5-21	5,5	4SDXM 5-21	14,7	70	3,25	2.2	3		134	118	115	113	108	103	96	87	77	67	
4SDX 5-25	5,5	4SDXM 5-25	14,7	70	3,25	2.2	3		157	138	136	133	127	121	113	103	90	78	
4SDX 5-33	7,4					3	4		209	184	180	176	168	159	149	137	122	105	
4SDX 5-38	9,4					4	5.5		242	212	208	203	194	184	172	158	142	123	
4SDX 5-44	9,4					4	5.5		279	247	242	237	226	215	202	187	166	143	
4SDX 5-52	13					5.5	7.5	332	291	285	279	267	253	237	218	195	166		

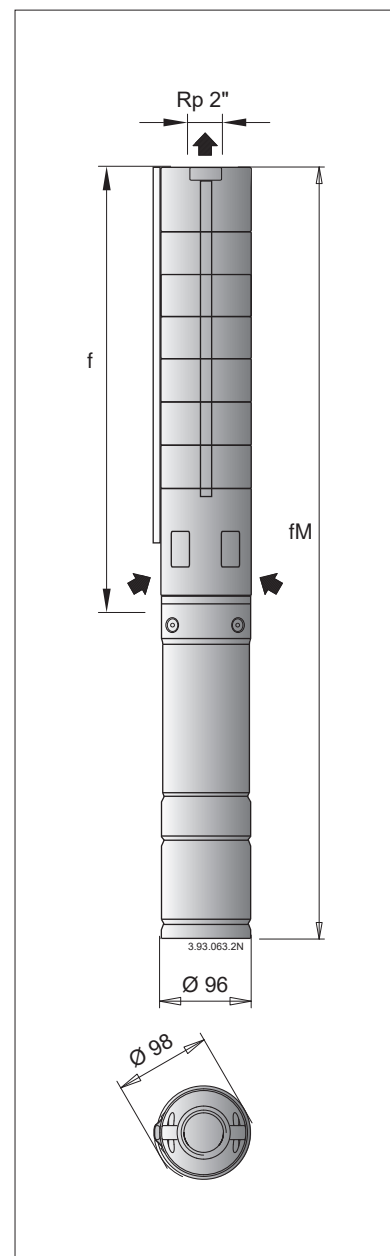
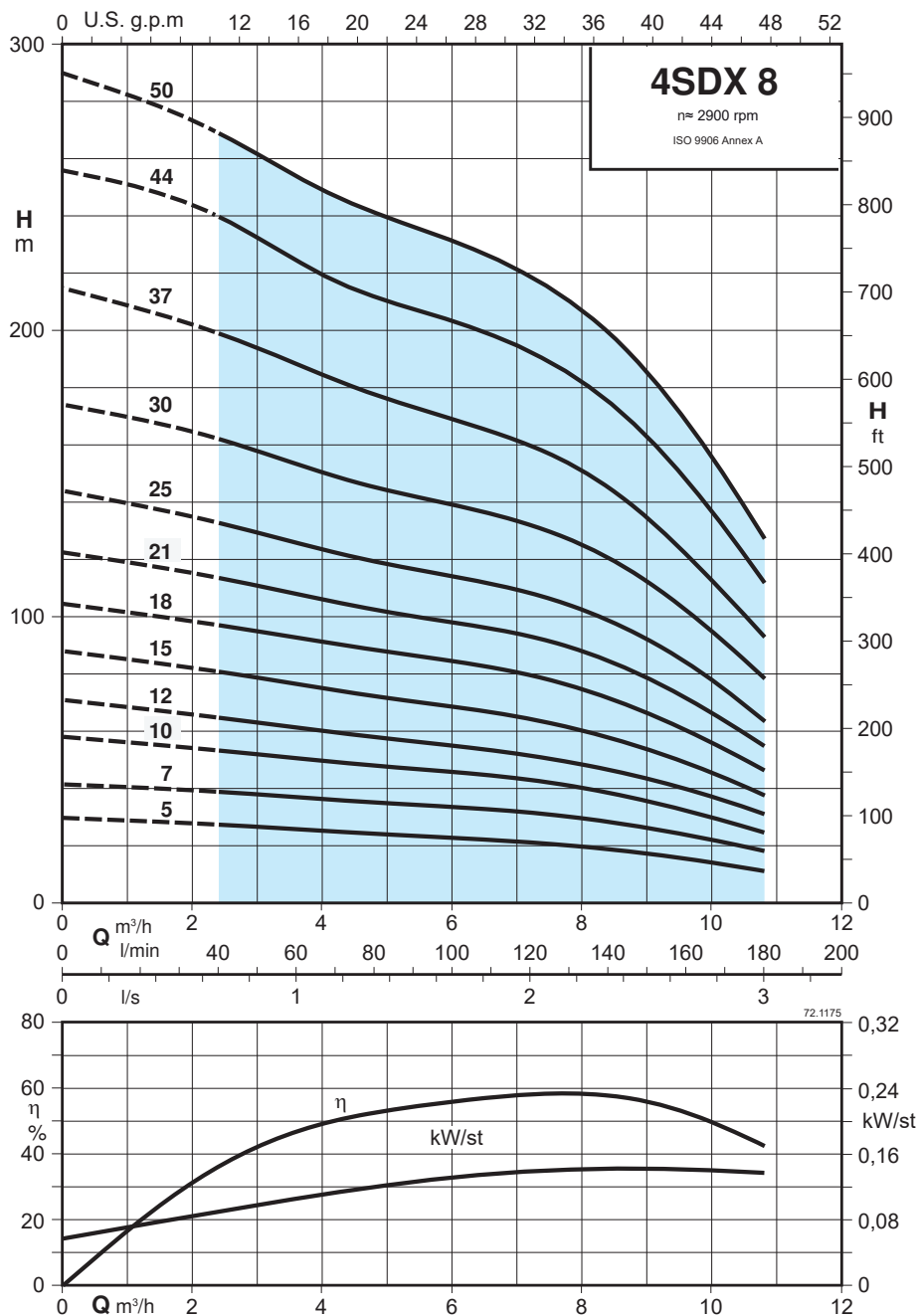
f	4SDX			4SDXM		
	mm	mm	kg	mm	mm	kg
251	578	9,7	578	9,6		
293	620	10,1	655	11,8		
335	682	11,5	697	12,2		
419	781	13,1	821	14,3		
524	926	15,3	971	16,9		
608	1010	17	1125	21		
692	1094	17,7	1209	21,7		
868	1349	24,5				
973	1519	29,1				
1099	1645	30,6				
1267	1913	37,4				

4SDX 8

Submersible borehole pumps for 4"



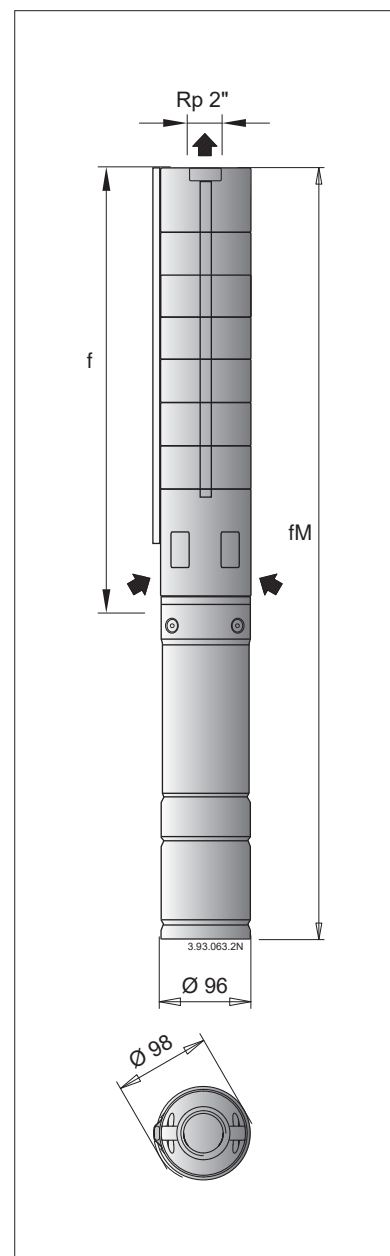
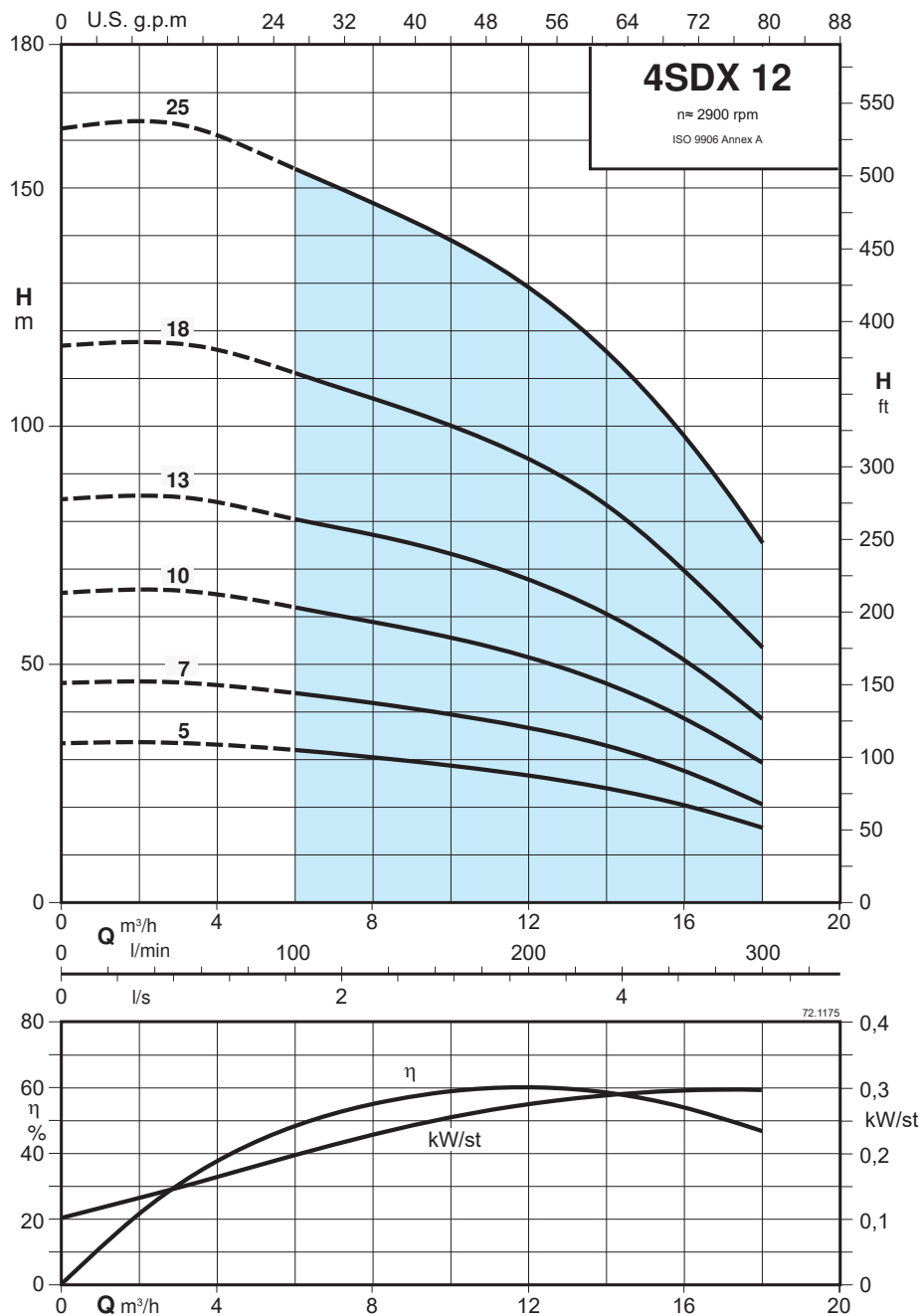
Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



	3~ 400 V (380-415) 50 Hz		1~ 230V *		P1		P2		Q	n $\approx$ 2900 1/min										
	A		A	450 Vc μ F	kW	kW	HP			0	2,4	3,6	4,8	5,4	6	7,2	8,4	9,6	10,8	
									m³/h	0	2,4	3,6	4,8	5,4	6	7,2	8,4	9,6	10,8	
									l/min	0	40	60	80	90	100	120	140	160	180	
4SDX 8-05	2,2	4SDXM 8-05	5,6	30	1,24	0,75	1	H m	30	28	26	24	23	22	21	19	15	11		
4SDX 8-07	2,8	4SDXM 8-07	8	40	1,71	1,1	1,5		41	39	37	35	34	33	32	28	24	18		
4SDX 8-10	3,7	4SDXM 8-10	10,8	60	2,33	1,5	2		58	54	51	48	47	46	43	38	32	25		
4SDX 8-12	5,5	4SDXM 8-12	14,7	70	3,25	2,2	3		71	65	61	58	56	55	52	47	40	31		
4SDX 8-15	5,5	4SDXM 8-15	14,7	70	3,25	2,2	3		88	80	76	72	70	68	64	57	49	38		
4SDX 8-18	7,4						3		104	98	93	88	86	84	79	72	60	46		
4SDX 8-21	9,4						4		122	114	107	102	100	98	93	85	72	55		
4SDX 8-25	9,4						4		144	133	126	119	116	114	108	98	84	64		
4SDX 8-30	13						5,5		174	163	154	145	142	139	132	120	102	79		
4SDX 8-37	13						5,5		215	199	188	177	173	169	160	145	122	93		
4SDX 8-44	18,8						7,5		256	240	224	212	207	203	192	175	148	112		
4SDX 8-50	18,8						7,5		290	269	254	241	236	231	219	199	168	127		

f	4SDX			4SDXM		
	mm	mm	kg	mm	mm	kg
412	759	13	774	13,7		
496	858	14,8	898	16		
622	1024	17,6	1069	19,2		
706	1108	19,5	1223	23,5		
832	1234	21	1349	25		
958	1439	25,7				
1084	1630	30,5				
1252	1798	32,5				
1462	2108	39,8				
1753	2399	43,3				
2047	2778	61,2				
2299	3030	61,2				

Characteristic curves, performance $n \approx 2900$ rpm, dimensions and weights



3~	400 V (380-415) 50 Hz	1~	230V	*	P1	P2	Q m³/h l/min	n ≈ 2900 1/min										
	A		A	450 Vc μF	kW	kW	HP	0	6	7,2	8,4	9,6	10,8	12	15	18		
4SDX 12-05	3,7	4SDXM 12-05	10,8	60	2,33	1,5	2	33	32	31	30	29	28	26	22	16		
4SDX 12-07	5,5	4SDXM 12-07	14,7	70	3,25	2,2	3	46	44	43	42	40	38	36	30	20		
4SDX 12-10	7,4					3	4	65	62	60	58	56	54	51	43	29		
4SDX 12-13	9,4					4	5,5	84	80	78	77	74	71	67	56	38		
4SDX 12-18	9,4					5,5	7,5	117	111	108	104	102	97	93	77	54		
4SDX 12-25	13					7,5	10	163	154	149	145	141	135	129	107	75		

f	4SDX			4SDXM		
	mm	fM mm	kg	fM mm	kg	kg
505	907	15,8	952	17,4		
635	1037	18	1152	22		
830	1311	23,1				
1025	1571	28,4				
1350	1996	36,4				
1805	2536	48,4				



Construction

Stainless steel construction designed and built for years of trouble free operation. Designed and built to operate in difficult conditions. All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431 or 316 stainless steel. Heavy duty stainless steel discharge upper casing with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum. NEMA standard of bracket mounting. High quality shaft bearings provide low friction and high wear resistance. The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft. Stainless steel strainer to restrict the entry of sand and other extraneous material.

Applications

Potable water supply
Agricultural irrigation and livestock watering
Municipal and industrial water supply
Pressure boosting
Mining applications
Groundwater lowering
Fountain

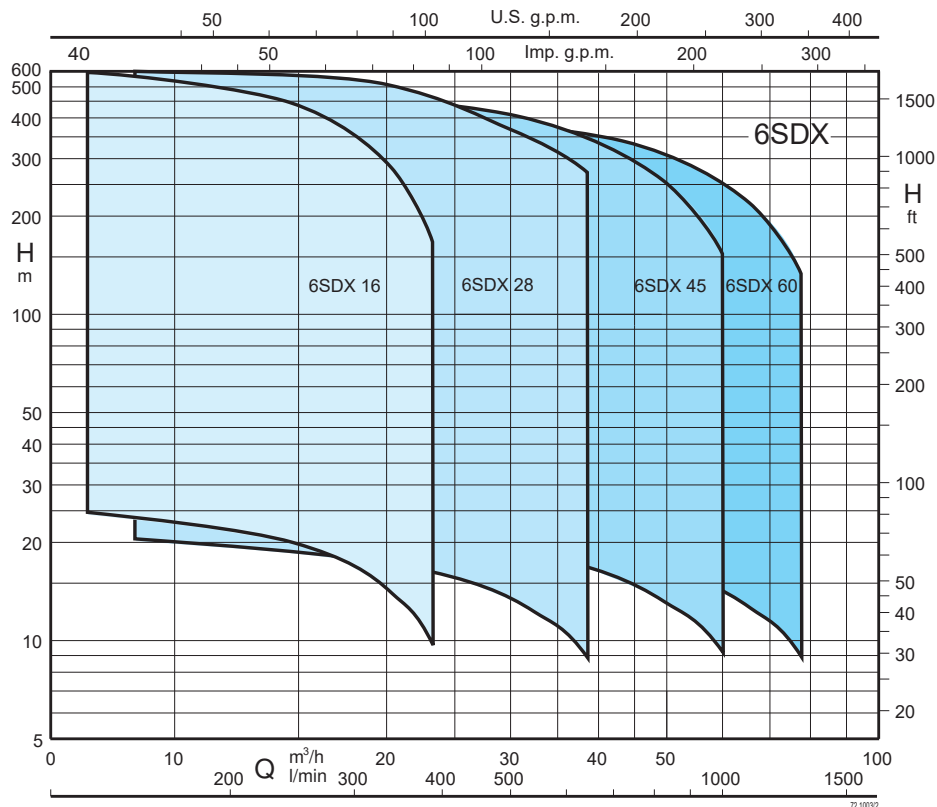
Pumped liquids

Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

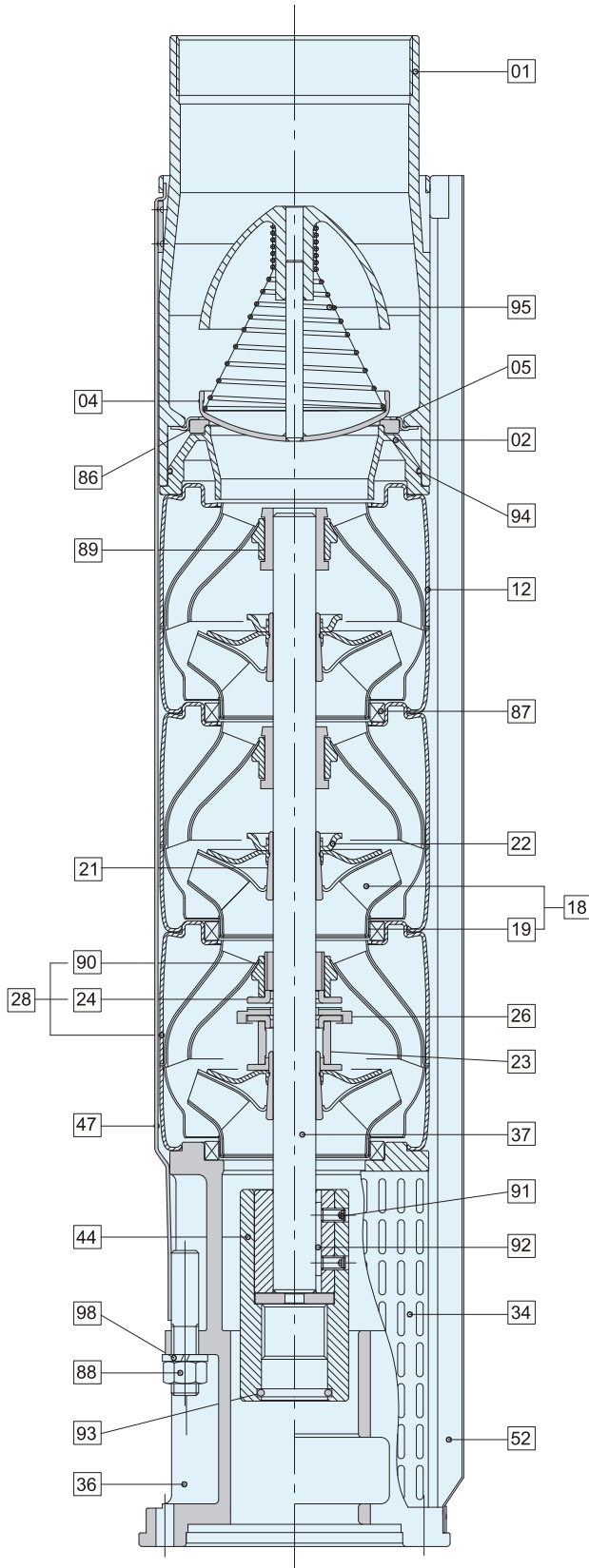
Operating conditions

Delivery : min 3 m³/h up to max 78 m³/h.
Head : up to 648 m.
Maximum ambient temperature (liquid): 40 °C
Maximum permissible quantity of sand : 50g/m³.

Screen size of each hole:
20 x 4 mm --- 



Components / Materials



Pos	Components	Standard
01	Discharge	SUS304 / SUS 316
04	Valve Cone	SUS304 / SUS316
11	Top Diffuser	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
26	Spacing Washer	Carbon+G raphite+PTFE
32	Neck Ring Retainer	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction Interconnector	SUS304 / SUS316
37	Pump Shaft	SUS431 / SUS316
44	Coupling	SUS431 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	SUS304+NBR / SUS316+NBR
87	Neck Ring	SUS304+NBR / SUS316+NBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR
90	Screw	SUS304 / SUS316
91	Key	SUS304 / SUS316
92	O - ring	NBR

*AISI 316 stainless steel pumps are available on request.

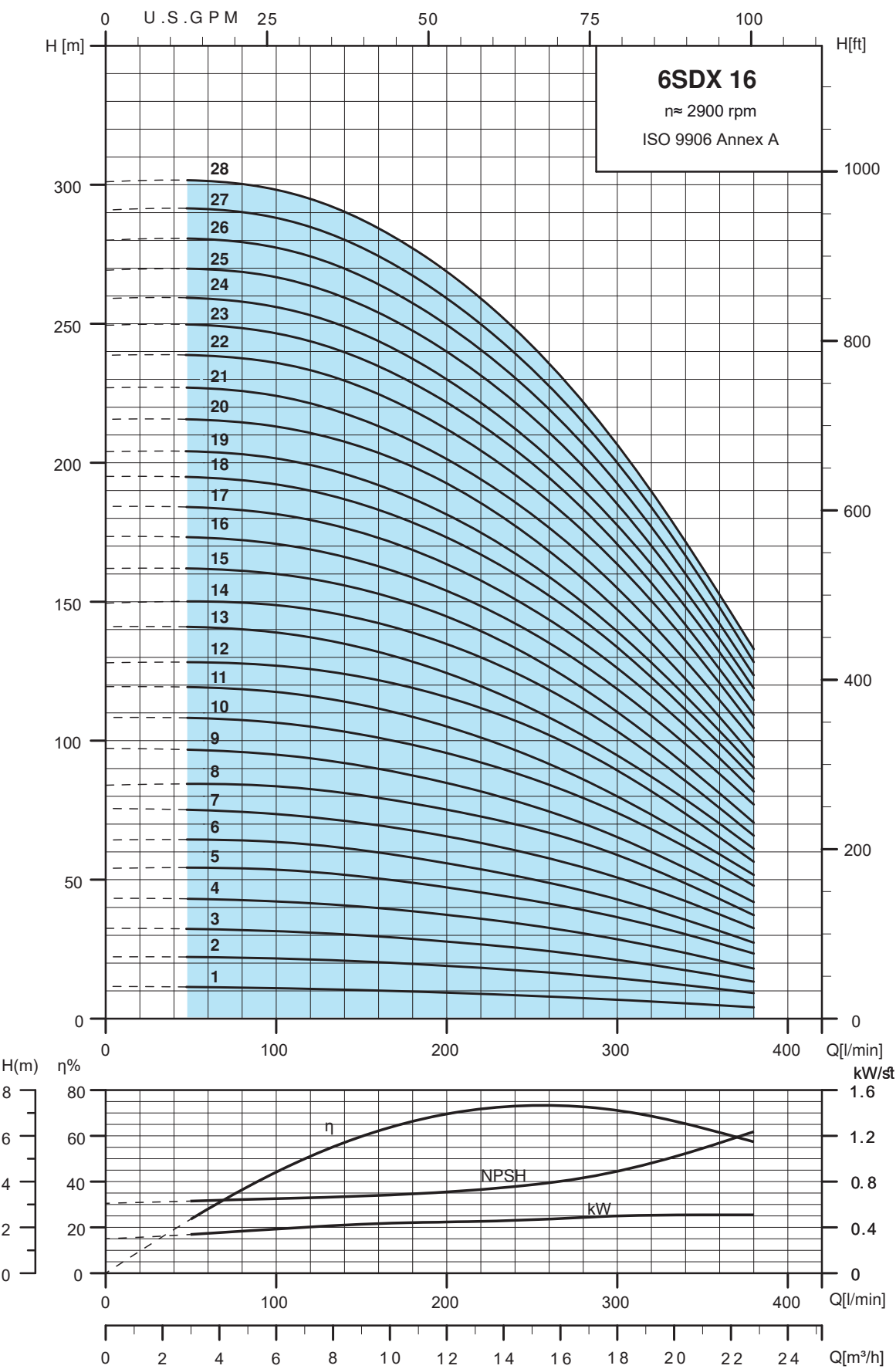
*Example 6SDX - 16.

6SDX 16

Submersible borehole pumps for 6"



Characteristic curves $n \approx 2900$ rpm

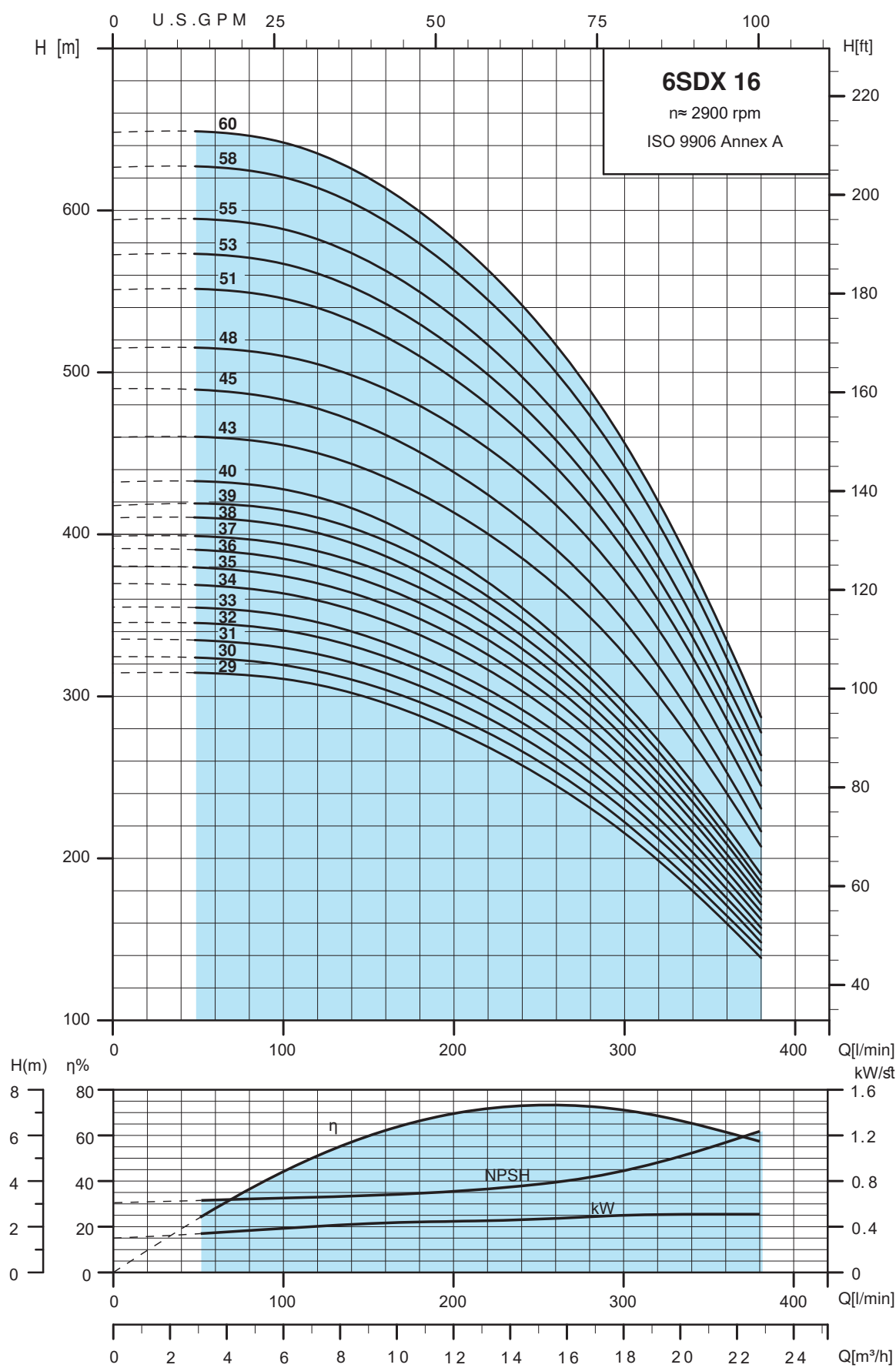


6SDX 16

Submersible borehole pumps for 6"

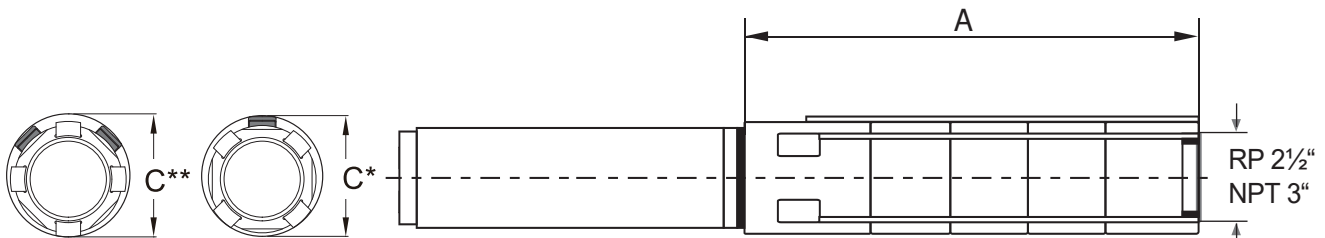


Characteristic curves $n \approx 2900$ rpm



Performance n≈2900 rpm, dimensions and weights

Selection Charts												Dimensions and Weights				
Pump	Motor		Q capacity 2850 rpm									Motor Dia	Dimensions (mm)			Net Weight Pump
	P2		m³/h l/min	3	6	9	12	15	18	21	23		A	C*	C**	
	kW	HP		50	100	150	200	250	300	350	383					
6SDX 16/1	0.55	0.75	H _m	12	11	11	10	8	7	6	4	4"	343	131		5
6SDX 16/2	1.1	1.5		22	22	20	19	18	14	12	9	4"	403	131		6.4
6SDX 16/3	2.2	3		32	32	30	28	25	21	17	13	4"	464	131		7.9
6SDX 16/4	2.2	3		43	42	40	38	33	29	23	18	4"	524	131		9.3
6SDX 16/5	3	4		53	52	51	48	43	37	29	22	4"	585	131		10.8
6SDX 16/6	3.7	5		64	63	60	56	50	43	34	27	4"	645	131		12.2
6SDX 16/7	4	5.5		75	74	70	66	59	51	40	32	4"	706	131		13.7
6SDX 16/8	5.5	7.5		85	84	80	75	68	59	46	37	4"	766	131		15.1
6SDX 16/9	5.5	7.5		97	95	91	85	77	65	51	42	4"	827	131		16.6
6SDX 16/10	5.5	7.5		108	107	102	95	86	74	58	48	4"	887	131		18
6SDX 16/11	7.5	10		119	118	113	105	94	80	63	52	6"	948	142	142	19.5
6SDX 16/12	7.5	10		128	127	123	116	105	89	69	57	6"	1008	142	142	20.9
6SDX 16/13	7.5	10		141	139	133	124	112	95	75	60	6"	1069	142	142	22.4
6SDX 16/14	9.2	12.5		150	149	144	135	122	103	81	66	6"	1129	142	142	23.9
6SDX 16/15	9.2	12.5		162	160	155	145	130	110	86	71	6"	1190	142	142	25.3
6SDX 16/16	9.2	12.5		173	171	165	154	139	119	93	77	6"	1250	142	142	26.8
6SDX 16/17	9.2	12.5		184	182	175	163	147	126	100	80	6"	1311	142	142	28.2
6SDX 16/18	9.2	12.5		195	192	185	173	156	134	105	86	6"	1371	142	142	29.7
6SDX 16/19	11	15		204	202	194	181	163	139	110	91	6"	1432	142	142	31.1
6SDX 16/20	11	15		216	213	206	192	173	147	116	95	6"	1492	142	142	32.5
6SDX 16/21	11	15		227	224	216	201	182	155	122	100	6"	1553	142	142	34
6SDX 16/22	13	17.5		239	237	228	212	190	163	129	105	6"	1613	142	142	35.4
6SDX 16/23	13	17.5		250	247	237	222	200	171	134	109	6"	1674	142	142	36.9
6SDX 16/24	13	17.5		260	257	247	230	208	178	140	115	6"	1734	142	142	38.3
6SDX 16/25	15	20		270	261	257	240	217	185	145	119	6"	1795	142	142	39.8
6SDX 16/26	15	20		281	278	267	250	225	192	151	124	6"	1855	142	142	41.2
6SDX 16/27	15	20		291	288	277	259	234	200	158	128	6"	1916	142	142	42.7
6SDX 16/28	18.5	25		302	298	288	269	242	207	162	133	6"	1976	142	142	44.2
6SDX 16/29	18.5	25		314	311	300	279	250	215	170	138	6"	2037	142	142	45.6
6SDX 16/30	18.5	25		324	319	307	288	260	222	175	144	6"	2097	142	142	47.1
6SDX 16/31	18.5	25		335	330	318	298	269	230	181	148	6"	2158	142	142	48.5
6SDX 16/32	18.5	25		345	341	328	307	277	237	187	153	6"	2218	142	142	50
6SDX 16/33	18.5	25		355	350	337	315	285	243	191	157	6"	2279	142	142	51.4
6SDX 16/34	18.5	25		369	364	350	328	296	253	199	162	6"	2339	142	142	52.9
6SDX 16/35	22	30		379	374	361	338	305	260	204	167	6"	2400	142	142	54.3
6SDX 16/36	22	30		390	385	371	348	313	268	210	170	6"	2460	142	142	55.7
6SDX 16/37	22	30		399	394	380	356	322	274	203	176	6"	2521	142	142	57.2
6SDX 16/38	22	30		410	405	390	365	330	281	222	180	6"	2581	142	142	58.6
6SDX 16/39	22	30		419	415	400	375	364	289	227	185	6"	2642	142	142	60.1
6SDX 16/40	22	30		433	428	412	384	346	296	235	190	6"	2702	142	142	61.5
6SDX 16/43 +	26	35		460	455	440	414	377	326	257	207	6"	3255	178	181	121.7
6SDX 16/45 +	26	35		489	483	466	438	400	346	271	217	6"	3376	178	181	126.1
6SDX 16/48 +	26	35		515	510	494	467	428	371	290	231	6"	3558	178	181	132.6
6SDX 16/51 +	30	40		551	546	527	496	452	390	306	245	6"	3739	178	181	139.1
6SDX 16/53 +	30	40		573	567	548	515	469	405	317	254	6"	3860	178	181	143.4
6SDX 16/55 +	37	50		595	589	569	534	486	420	329	264	6"	3981	178	181	147.8
6SDX 16/58 +	37	50		627	621	600	563	512	442	346	278	6"	4163	178	181	154.3
6SDX 16/60 +	37	50		649	642	620	582	529	457	357	287	6"	4284	178	181	158.6

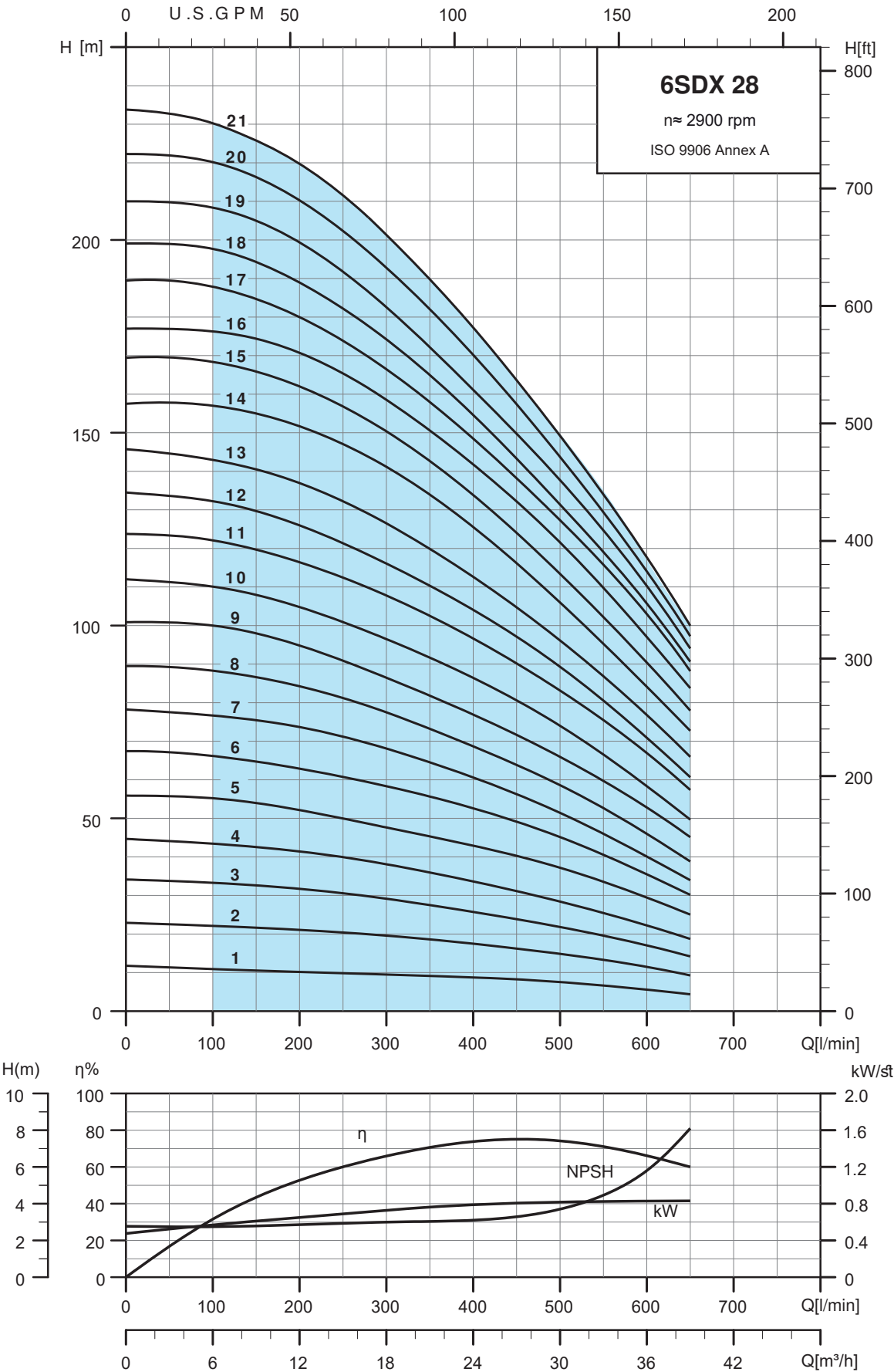


6SDX 28

Submersible borehole pumps for 6"



Characteristic curves $n \approx 2900 \text{ rpm}$

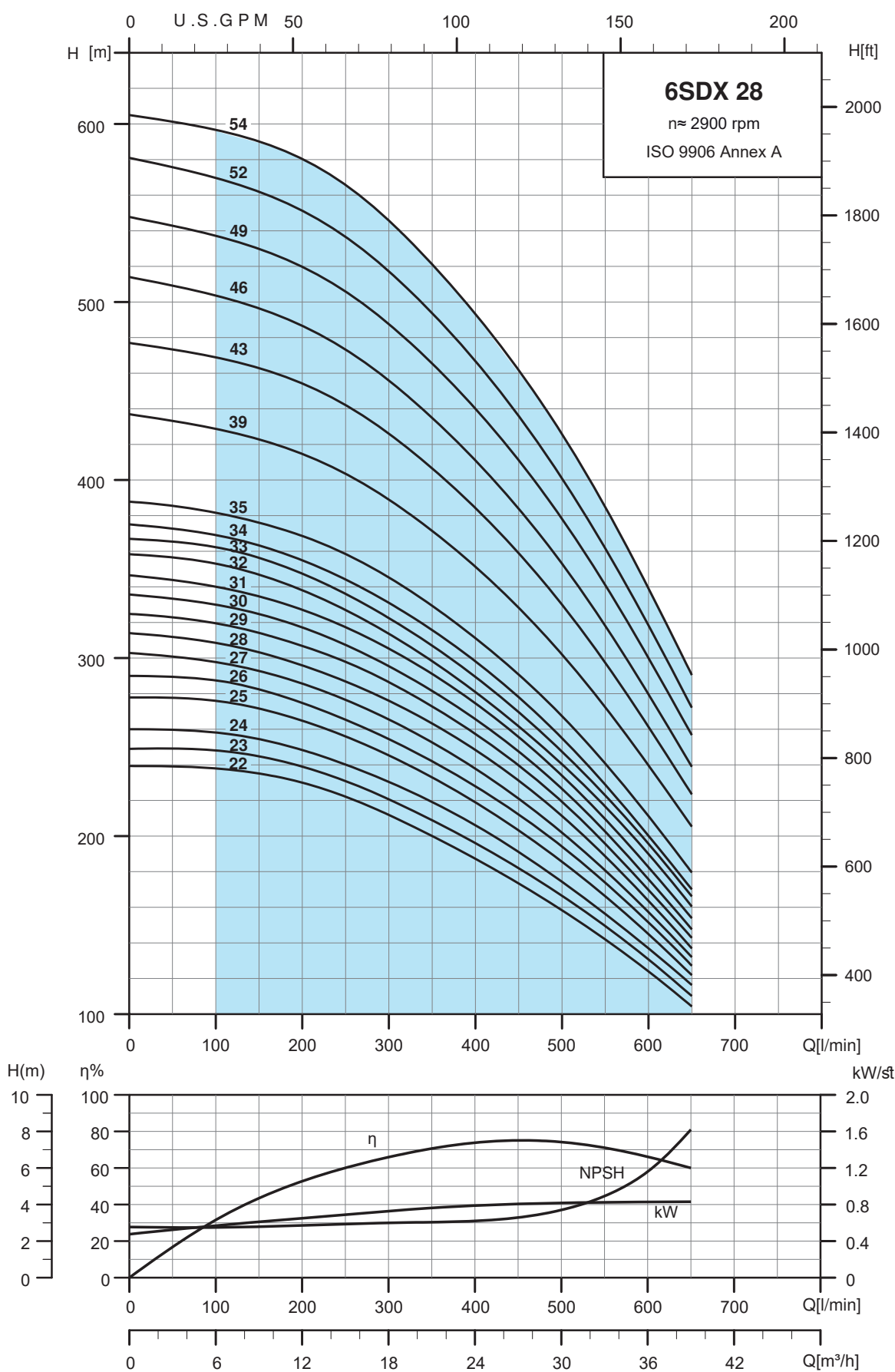


6SDX 28

Submersible borehole pumps for 6"



Characteristic curves $n \approx 2900$ rpm

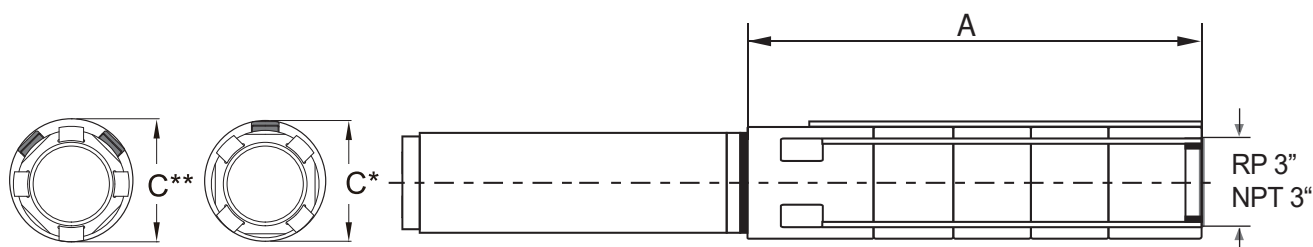


Performance n ≈ 2900 rpm, dimensions and weights

Selection Charts												Dimensions and Weights					
Pump	Motor		Q capacity 2850 rpm										Motor Dia	Dimensions (mm)			Net Weight
	P ₂		m³/h	6	12	15	18	24	27	30	33	39		A	C*	C**	kg
	kW	HP	l/min	100	200	250	300	400	450	500	550	650					
6SDX 28/1	1.1	1.5	Hm	11	10	10	10	9	8	8	7	5	4"	366	131		6.7
6SDX 28/2	2.2	3		23	21	20	19	17	16	15	13	9	4"	462	131		8.4
6SDX 28/3	3	4		33	31	30	29	26	24	22	20	14	4"	558	131		10.1
6SDX 28/4	3.7	5		43	41	40	38	34	31	28	26	19	4"	654	131		11.8
6SDX 28/5	5.5	7.5		55	52	50	48	43	40	37	34	25	4"	750	131		13.5
6SDX 28/6	5.5	7.5		67	42	60	58	52	49	45	40	30	4"	846	131		15.2
6SDX 28/7	7.5	10		77	74	71	68	61	56	52	46	34	6"	942	142	142	16.9
6SDX 28/8	7.5	10		88	84	81	78	68	64	58	53	38	6"	1038	142	142	18.6
6SDX 28/9	9.2	12.5		100	95	91	87	77	72	66	60	45	6"	1134	142	142	20.3
6SDX 28/10	9.2	12.5		110	105	101	97	86	81	74	67	50	6"	1230	142	142	22
6SDX 28/11	11	15		122	117	112	108	97	90	83	76	57	6"	1326	142	142	23.6
6SDX 28/12	11	15		132	126	121	116	104	97	89	81	61	6"	1422	142	142	25.3
6SDX 28/13	11	15		143	137	132	127	113	105	97	87	66	6"	1518	142	142	27
6SDX 28/14	13	17.5		157	152	147	141	126	116	108	95	73	6"	1614	142	142	29.7
6SDX 28/15	15	20		168	162	157	150	134	124	113	102	77	6"	1710	142	142	30.4
6SDX 28/16	15	20		176	171	165	159	142	132	122	110	84	6"	1806	142	142	32.1
6SDX 28/17	15	20		188	180	173	167	148	138	127	116	88	6"	1902	142	142	33.8
6SDX 28/18	18.5	25		198	189	182	174	155	143	130	119	90	6"	1998	142	142	35.5
6SDX 28/19	18.5	25		208	199	192	182	161	150	137	125	94	6"	2094	142	142	37.2
6SDX 28/20	18.5	25		220	210	202	193	170	157	144	129	97	6"	2190	142	142	38.9
6SDX 28/21	18.5	25		230	220	212	202	177	164	149	134	100	6"	2286	142	142	40.6
6SDX 28/22	22	30		238	230	222	212	187	173	159	142	104	6"	2382	142	142	42.3
6SDX 28/23	22	30		248	239	231	221	196	182	167	150	110	6"	2478	142	142	44
6SDX 28/24	22	30		258	248	240	230	207	191	175	156	117	6"	2574	142	142	45.6
6SDX 28/25	22	30		276	265	256	245	219	203	187	166	122	6"	2670	142	142	47.3
6SDX 28/26	22	30		287	275	266	255	227	212	194	173	127	6"	2766	142	142	49
6SDX 28/27	26	35		298	286	277	265	238	221	202	181	132	6"	2862	142	142	50.7
6SDX 28/28	26	35		309	296	287	276	248	231	212	189	137	6"	2958	142	142	52.4
6SDX 28/29	26	35		319	307	298	287	257	240	220	196	143	6"	3054	142	142	54.1
6SDX 28/30	26	35		330	317	307	295	266	248	227	202	148	6"	3150	142	142	55.8
6SDX 28/31	26	35		340	327	317	305	275	256	234	209	154	6"	3246	142	142	57.5
6SDX 28/32	30	40		353	338	327	313	281	261	240	217	160	6"	3342	142	142	59.2
6SDX 28/33	30	40		362	347	336	322	289	270	248	223	166	6"	3438	142	142	60.9
6SDX 28/34	30	40		369	355	344	331	298	278	255	229	170	6"	3534	142	142	62.6
6SDX 28/35	30	40		382	368	358	346	311	290	267	240	180	6"	3630	142	142	64.3
6SDX 28/39 +	37	50		429	415	404	389	351	328	302	272	205	6"	4451	178	181	142
6SDX 28/43 +	37	50		469	454	442	426	384	359	330	297	223	6"	4775	178	181	151.2
6SDX 28/46 +	45	60		503	487	473	456	411	384	353	318	239	8"	5016	192	192	190.8
6SDX 28/49 +	45	60		537	520	506	488	440	411	378	341	257	8"	5304	192	192	198.1
6SDX 28/52 +	55	75		569	551	537	517	467	436	401	362	272	8"	5592	192	192	213.5
6SDX 28/54 +	55	75		596	580	566	546	493	462	428	385	290	8"	5784	192	192	220

C*: Maximum diameter of pump with one motor cable.

C**: Maximum diameter of pump with two motor cable.

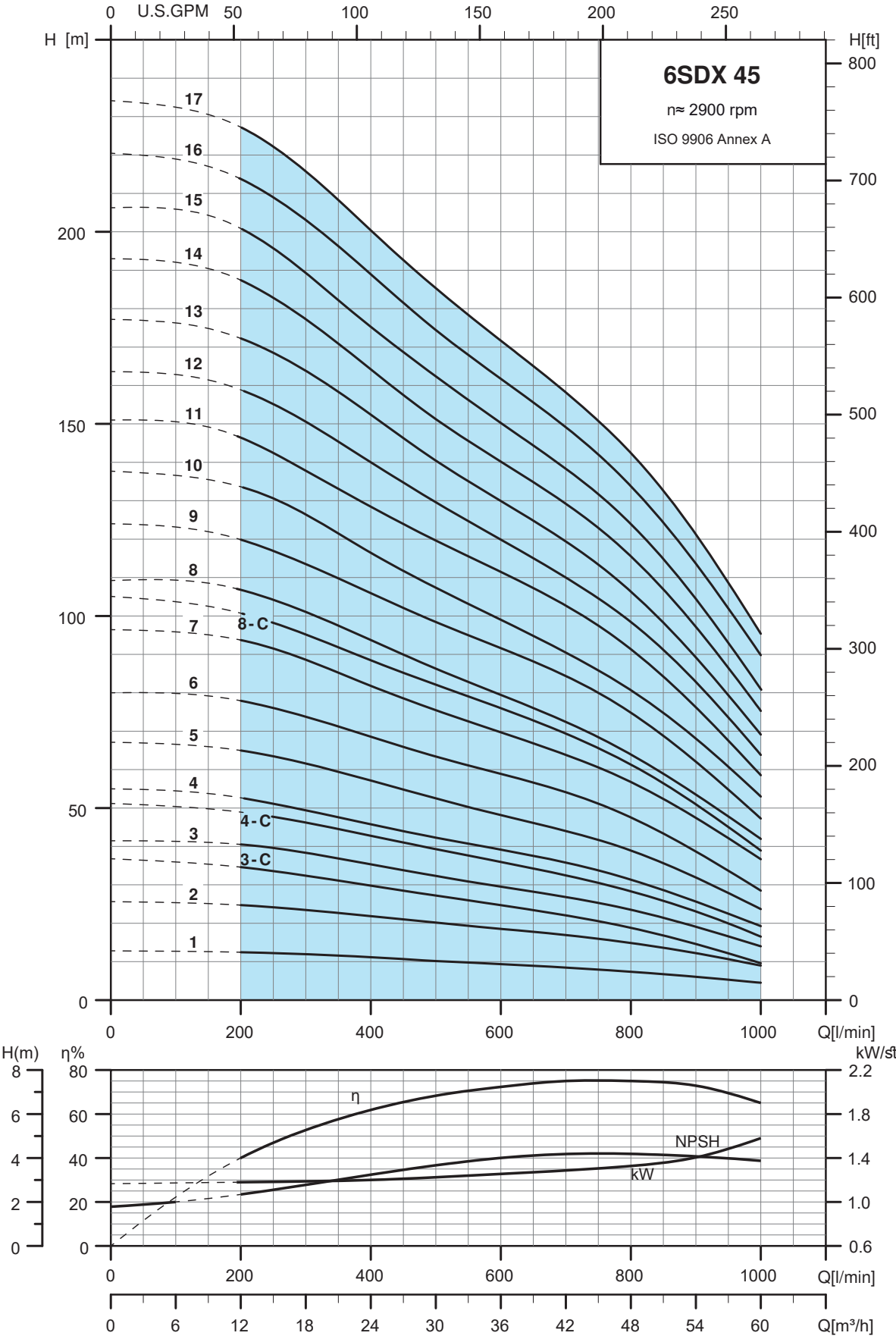


6SDX 45

Submersible borehole pumps for 6"



Characteristic curves $n \approx 2900$ rpm

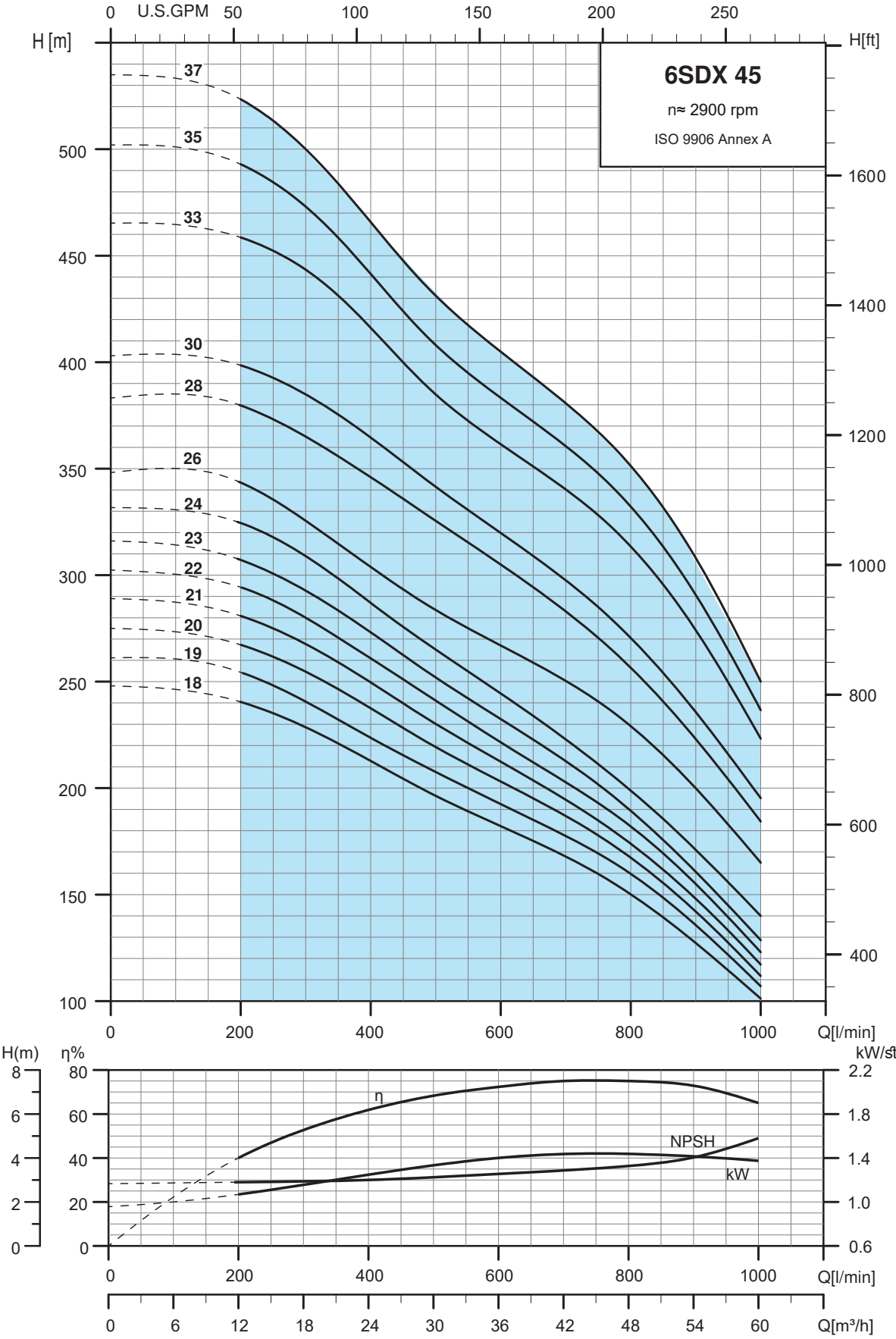


6SDX 45

Submersible borehole pumps for 6"



Characteristic curves $n \approx 2900$ rpm

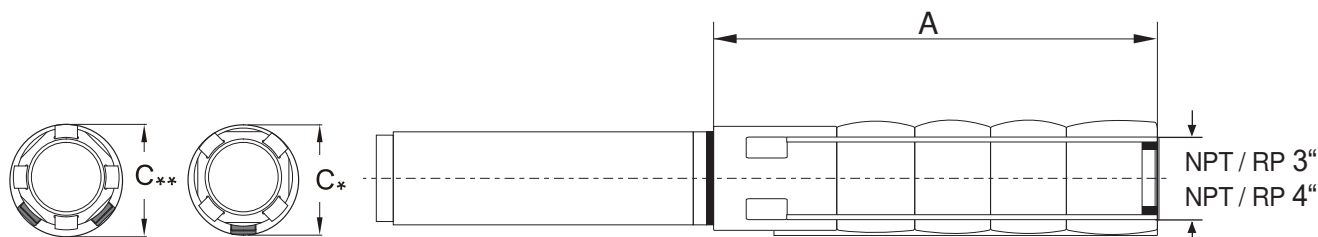


Performance n ≈ 2900 rpm, dimensions and weights

Selection Charts												Dimensions and Weights					
Pump	Motor		Q capacity 2850 rpm									Motor Dia	Dimensions (mm)			Net Weight	
	P2		m³/h	12	18	24	30	36	42	48	54		60	A	C*	C**	kg
	kW	HP	l/min	200	300	400	500	600	700	800	900		1000				
6SDX 45/1	2.2	3	Hm	13	12	11	10	9	9	8	6	5	4"	383	146		6.9
6SDX 45/2	3	4		24	23	22	20	18	17	15	12	9	4"	496	146		9.2
6SDX 45/3C	3.7	5		35	32	29	27	24	22	19	14	10	4"	609	146		11.5
6SDX 45/3	5.5	7.5		40	38	35	33	29	27	23	18	24	4"	609	146		11.5
6SDX 45/4C	5.5	7.5		49	46	43	39	36	32	28	23	17	4"	722	146		13.8
6SDX 45/4	7.5	10		53	49	46	42	39	36	31	26	19	6"	722	149	152	13.8
6SDX 45/5	7.5	10		65	61	57	53	48	44	39	32	24	6"	835	149	152	16
6SDX 45/6	9.2	12.5		78	74	69	63	59	54	48	39	29	6"	948	149	152	18.3
6SDX 45/7	11	15		94	88	82	76	70	64	57	47	37	6"	1061	149	152	20.6
6SDX 45/8C	11	15		100	95	88	82	76	69	61	51	39	6"	1174	149	152	22.9
6SDX 45/8	13	17.5		107	101	94	86	79	73	64	54	42	6"	1174	149	152	22.9
6SDX 45/9	15	20		120	114	106	98	92	85	75	62	47	6"	1287	149	152	25.2
6SDX 45/10	15	20		133	127	117	107	98	90	80	67	53	6"	1400	149	152	27.4
6SDX 45/11	18.5	25		146	138	128	120	112	103	91	76	59	6"	1513	149	152	29.7
6SDX 45/12	18.5	25		158	150	140	130	120	110	98	83	64	6"	1626	149	152	32
6SDX 45/13	22	30		172	164	152	140	130	120	106	89	69	6"	1739	149	152	34.3
6SDX 45/14	22	30		187	177	164	151	140	129	115	97	75	6"	1852	149	152	36.6
6SDX 45/15	22	30		200	189	176	163	150	138	124	103	81	6"	1965	149	152	38.8
6SDX 45/16	26	35		214	203	189	174	162	149	134	113	90	6"	2078	149	152	41.1
6SDX 45/17	26	35		227	215	200	186	172	158	143	121	96	6"	2191	149	152	43.4
6SDX 45/18	30	40		240	229	213	196	182	168	150	127	101	6"	2304	149	152	45.7
6SDX 45/19	30	40		254	241	224	208	193	178	160	136	107	6"	2417	149	152	47.9
6SDX 45/20	30	40		267	255	238	219	203	187	167	142	112	6"	2530	149	152	50.2
6SDX 45/21	37	50		280	268	250	230	212	195	174	148	117	6"	2643	149	152	52.5
6SDX 45/22	37	50		294	280	260	241	222	203	183	155	123	6"	2756	149	152	54.8
6SDX 45/23	37	50		307	293	273	252	232	213	189	161	129	6"	2869	149	152	57.1
6SDX 45/24	37	50		325	309	287	265	244	223	199	171	140	6"	2982	149	152	59.3
6SDX 45/26 +	45	60		343	324	302	283	267	251	230	200	165	8"	2537	192	192	130.4
6SDX 45/28 +	45	60		380	365	346	326	305	283	257	223	184	8"	3763	192	192	137.9
6SDX 45/30 +	45	60		398	385	365	342	320	298	271	236	195	8"	3989	192	192	146
6SDX 45/33 +	55	75		459	443	416	385	362	340	313	274	223	8"	4328	192	192	158.4
6SDX 45/35 +	55	75		493	473	441	408	383	361	332	291	237	8"	4554	192	192	166.2
6SDX 45/37 +	63	85		523	500	466	431	405	381	351	308	250	8"	4780	192	192	174

C*: Maximum diameter of pump with one motor cable.

C**: Maximum diameter of pump with two motor cable.

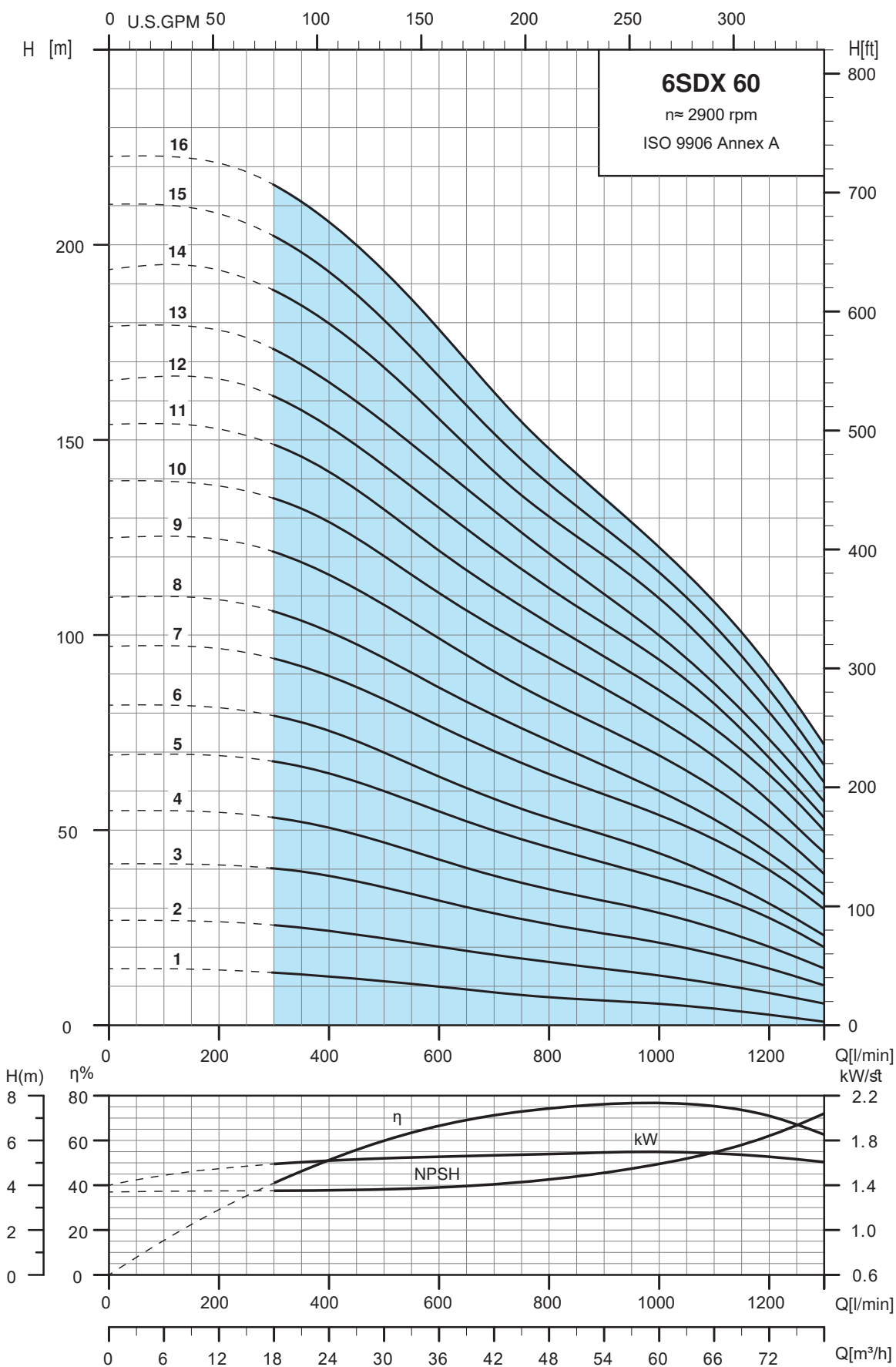


6SDX 60

Submersible borehole pumps for 6"



Performance $n \approx 2900$ rpm

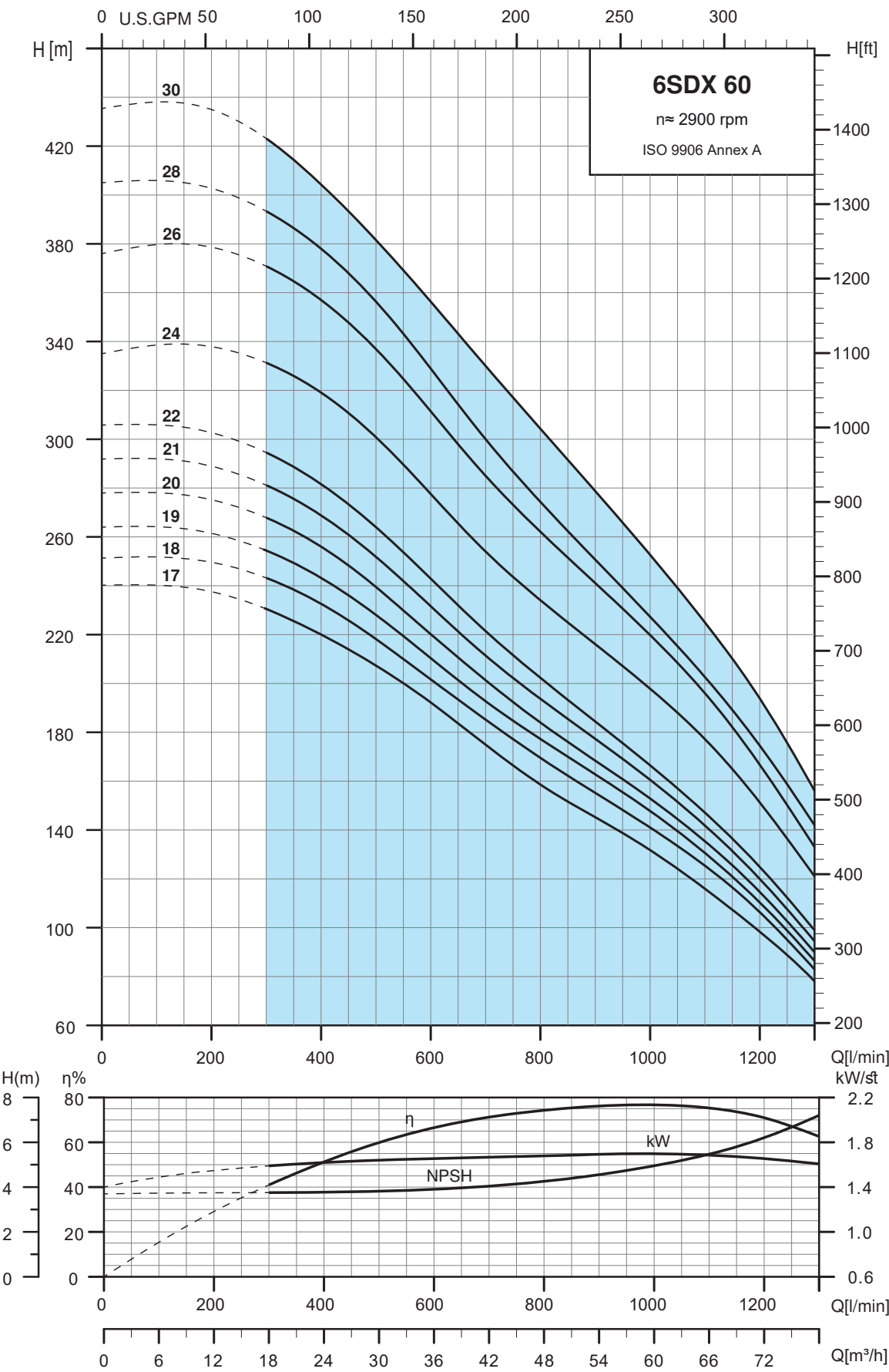


6SDX 60

Submersible borehole pumps for 6"



Performance $n \approx 2900$ rpm

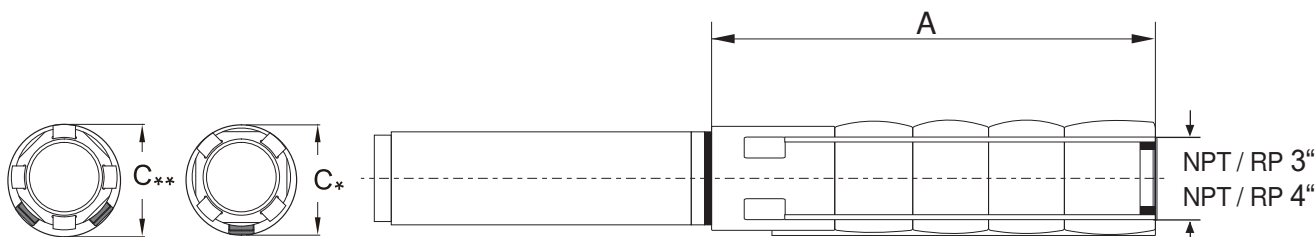


Performance n ≈ 2900 rpm, dimensions and weights

Selection Charts												
Pump	Motor		Q capacity 2850 rpm									
	P2		m³/h l/min	18	24	30	36	42	54	60	72	78
	kW	HP		300	400	500	600	700	900	1000	1200	1300
6SDX 60/1	2.2	3	H _m	13	12	11	10	8	6	5	2	1
6SDX 60/2	3.7	5		26	24	22	20	18	14	13	8	5
6SDX 60/3	5.5	7.5		40	38	36	32	28	24	21	14	10
6SDX 60/4	7.5	10		53	51	47	43	38	32	28	20	14
6SDX 60/5	9.2	12.5		67	64	60	55	50	42	38	27	19
6SDX 60/6	11	15		79	76	70	64	58	48	44	32	23
6SDX 60/7	13	17.5		94	89	84	77	70	59	54	40	29
6SDX 60/8	15	20		106	101	94	87	80	67	60	44	33
6SDX 60/9	18.5	25		122	116	108	99	91	76	69	51	38
6SDX 60/10	18.5	25		135	128	120	111	102	87	78	57	45
6SDX 60/11	22	30		148	142	132	122	112	95	86	64	49
6SDX 60/12	22	30		162	153	143	133	122	103	94	68	53
6SDX 60/13	26	35		173	165	155	143	132	110	100	73	57
6SDX 60/14	26	35		188	180	168	156	142	120	109	80	63
6SDX 60/15	26	35		203	193	180	166	152	127	116	86	67
6SDX 60/16	30	40		216	206	193	178	162	135	123	92	72
6SDX 60/17	37	50		230	220	207	192	175	145	132	97	78
6SDX 60/18	37	50		243	233	218	202	185	155	141	107	83
6SDX 60/19	37	50		254	243	228	210	193	163	148	110	86
6SDX 60/20	37	50		267	256	239	220	201	168	153	115	90
6SDX 60/21	37	50		281	269	252	232	211	177	161	120	95
6SDX 60/22	37	50		295	282	264	243	221	184	167	125	99
6SDX 60/24 +	45	60		331	319	301	278	254	216	198	151	121
6SDX 60/26 +	55	75		371	357	337	312	285	241	220	167	133
6SDX 60/28 +	55	75		393	378	357	329	300	251	227	175	142
6SDX 60/30 +	55	75		423	404	381	356	330	279	253	194	156

Dimensions and Weights				
Motor Dia	Dimensions (mm)			Net Weight
	A	C*	C**	
4"	383	146		6.9
4"	496	146		9.2
4"	609	146		11.5
6"	722	149	152	13.7
6"	835	149	152	16
6"	948	149	152	18.3
6"	1061	149	152	20.6
6"	1174	149	152	22.9
6"	1287	149	152	25.1
6"	1400	149	152	27.4
6"	1513	149	152	29.7
6"	1626	149	152	32
6"	1739	149	152	34.3
6"	1852	149	152	36.5
6"	1965	149	152	38.8
6"	2078	149	152	41.1
6"	2191	149	152	43.4
6"	2304	149	152	45.7
6"	2417	149	152	48
6"	2530	149	152	50.2
6"	2463	149	152	52.5
8"	2784	183	183	60.2
8"	3311	192	192	125.1
8"	3537	192	192	132.4
8"	3763	192	192	139.9
8"	3989	192	192	148

C*: Maximum diameter of pump with one motor cable.
C**: Maximum diameter of pump with two motor cable.



8SDX

Submersible borehole pumps for 8" wells



Construction

Stainless steel construction designed and built for years of trouble free operation. Designed and built to operate in difficult conditions. All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431 or 316 stainless steel. Heavy duty stainless steel discharge upper casing with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum. NEMA standard of bracket mounting. High quality shaft bearings provide low friction and high wear resistance. The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft. Stainless steel strainer to restrict the entry of sand and other extraneous material.

Applications

Potable water supply
Agricultural irrigation and livestock watering
Municipal and industrial water supply
Pressure boosting
Mining applications
Groundwater lowering
Fountain

Pumped liquids

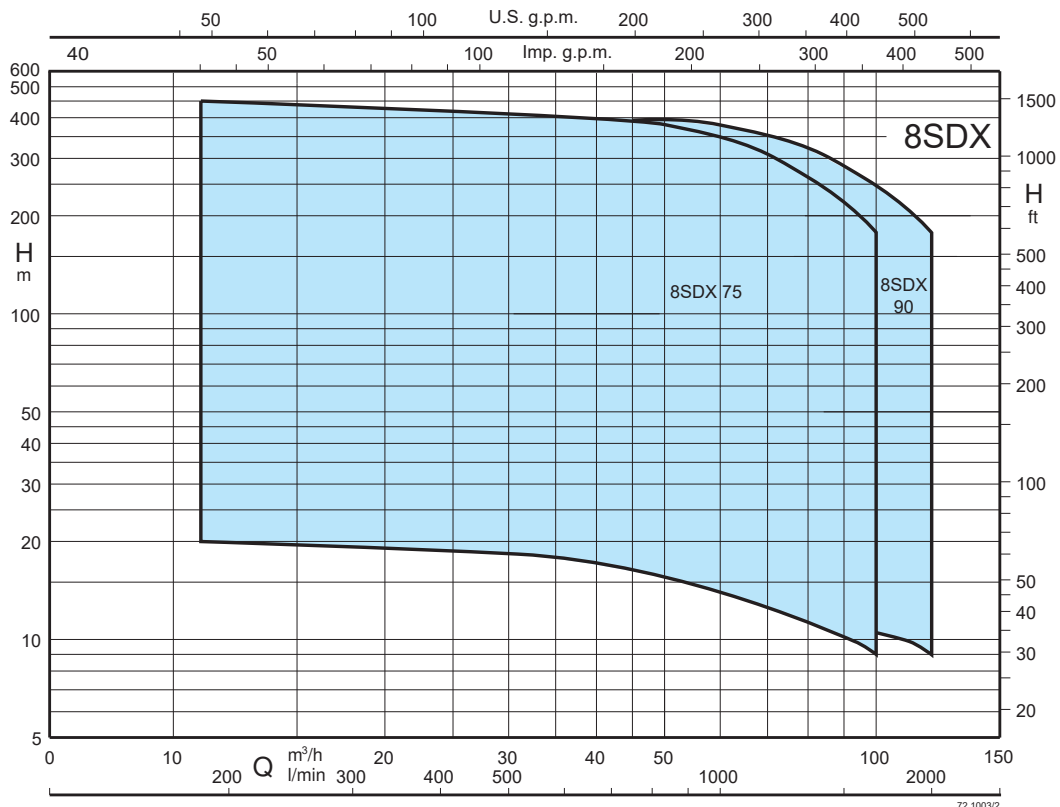
Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

Operating conditions

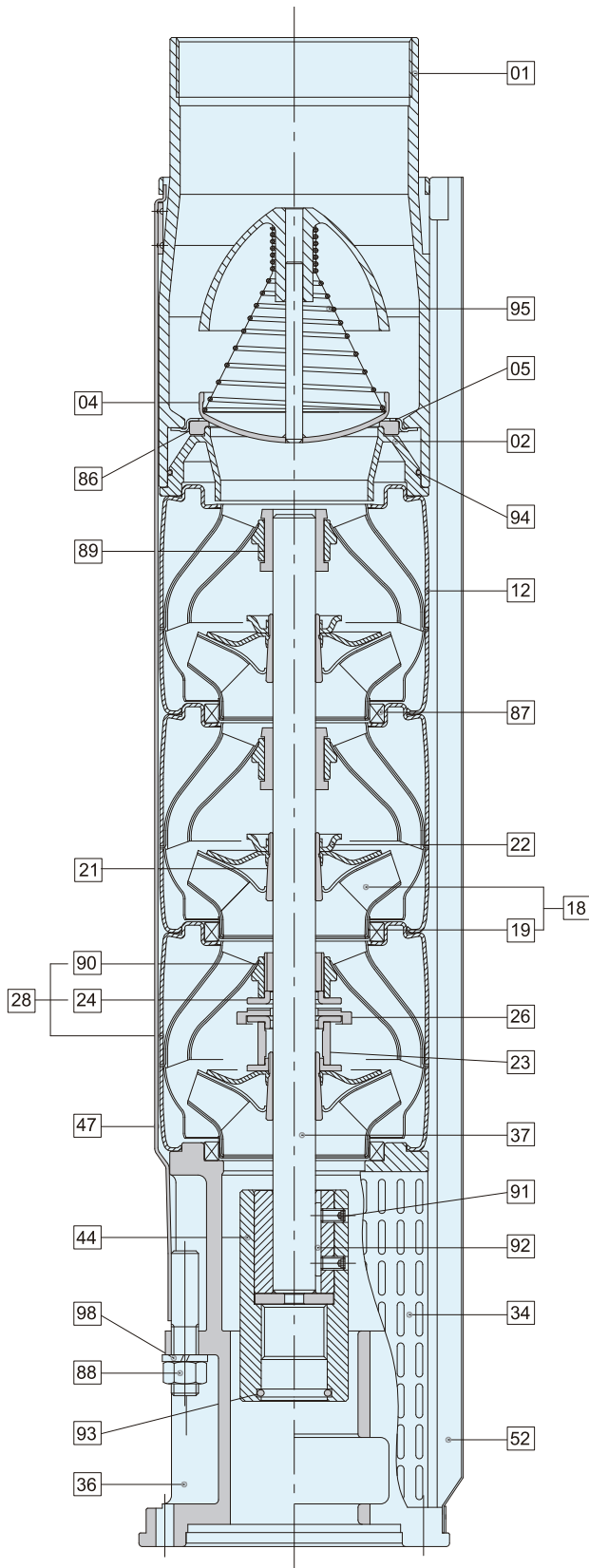
Delivery : min 12 m³/h up to max 120 m³/h.
Head : up to 441 m.
Maximum ambient temperature (liquid): 40 °C
Maximum permissible quantity of sand : 50g/m³.

Screen size of each hole:

20 x 4 mm ---



Components / Materials



Pos	Components	Standard
01	Discharge	SUS304 / SUS316
02	Lower Valve Seat Retainer	SUS304 / SUS316
04	Valve Cup	SUS304 / SUS316
05	Upper Valve Seat Retainer	SUS304 / SUS316
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
23	Nut for Stop Ring	SUS304 / SUS316
24	Stop Ring	SUS304 / SUS316
26	Spacing Washer for Stop Ring	Carbon+Graphite+PTFE
28	Bottom Diffuser	SUS304 / SUS316
34	Strainer	SUS304 / SUS316
36	Suction interconnector	SUS304 / SUS316
37	Pump Shaft	SUS431 / SUS316
44	Coupling	SUS304 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	NBR
87	Neck Ring	SUS304+NBR / SUS316+NBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR
90	Bearing	US304+NBR / SUS316+NBR
91	Screw	SUS304 / SUS316
92	Key	SUS304 / SUS316
93	O - ring	NBR
94	O ring	NBR
95	Spring	SUS304 / SUS316
98	Spring Washer	SUS304 / SUS316

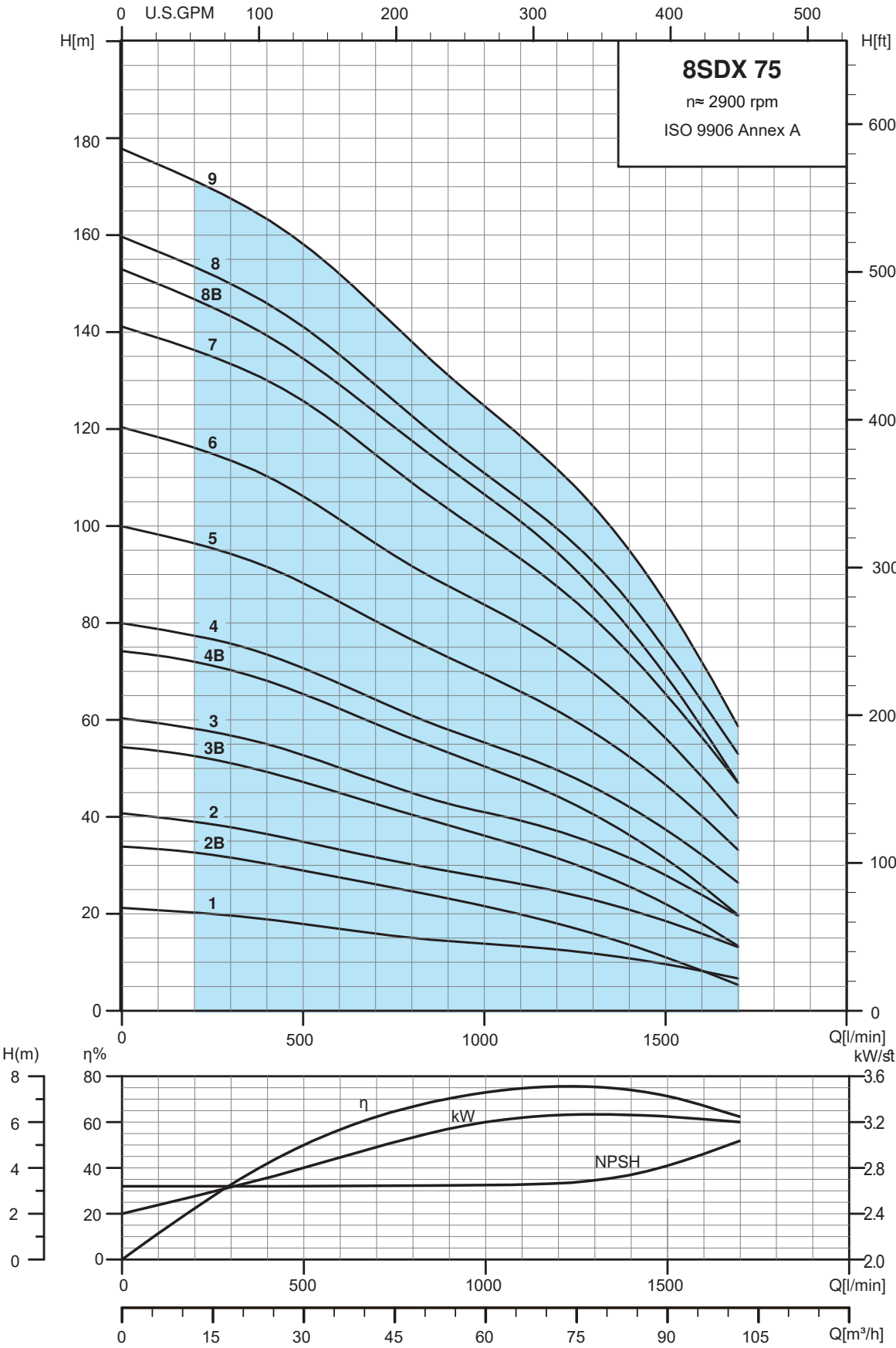
*AISI 316 stainless steel pumps are available on request.

8SDX 75

Submersible borehole pumps for 8" wells



Characteristic curves $n \approx 2900$ rpm

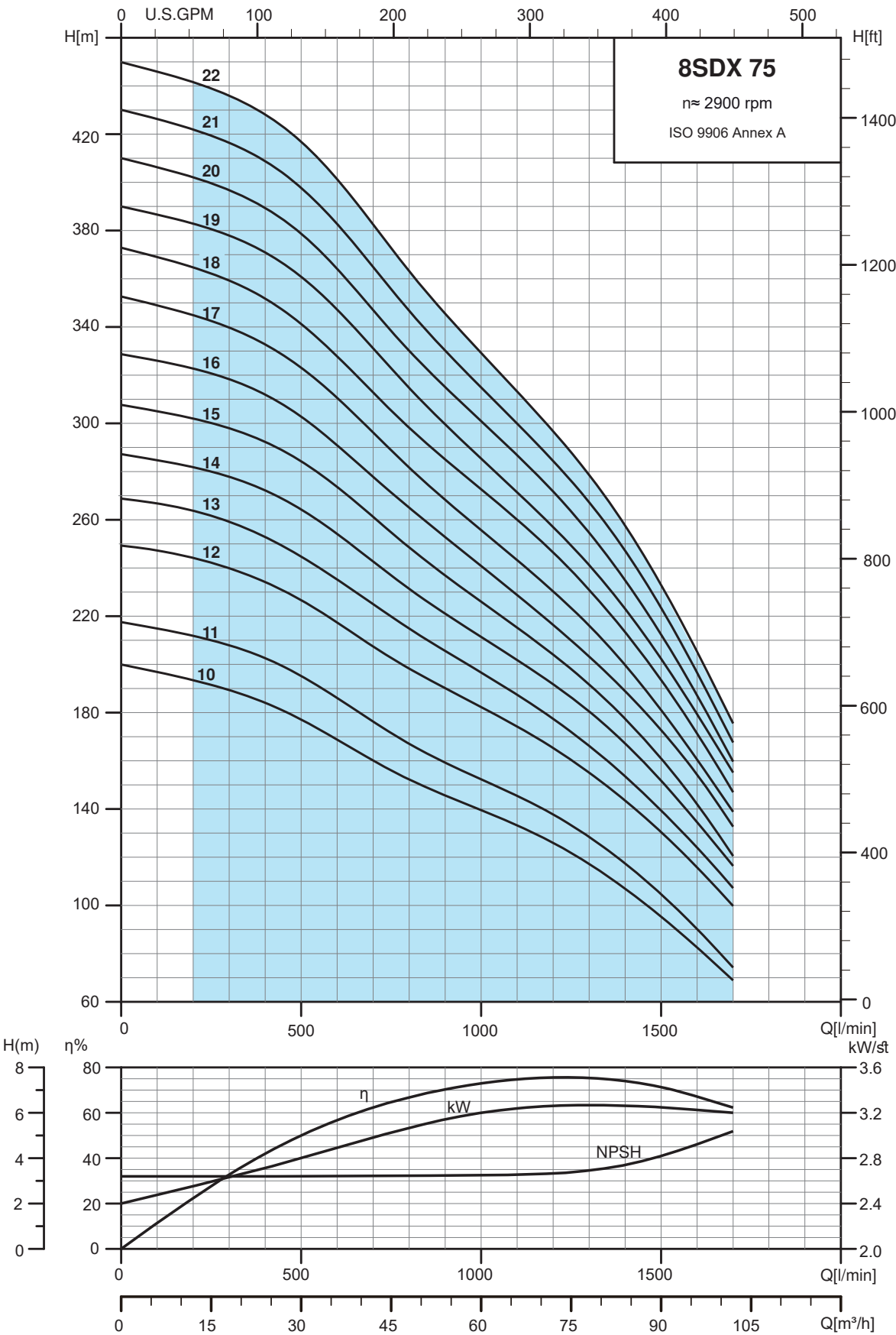


8SDX 75

Submersible borehole pumps for 8" wells



Characteristic curves $n \approx 2900$ rpm



8SDX 75

Submersible borehole pumps for 8" wells

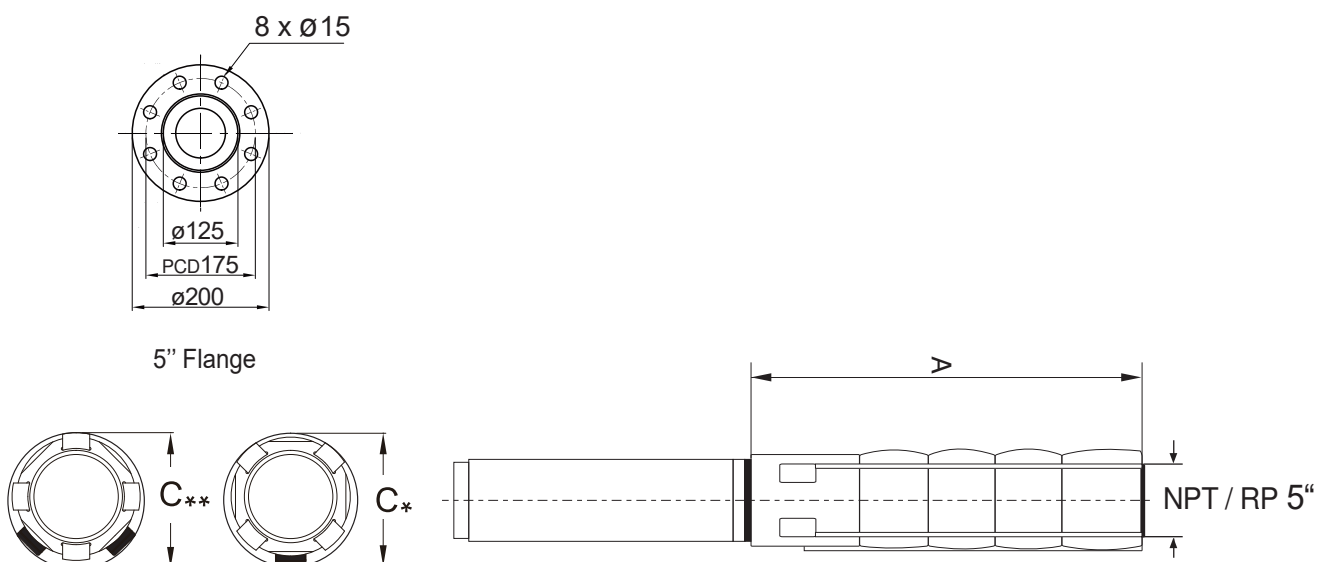


Performance n ≈ 2900 rpm, dimensions and weights

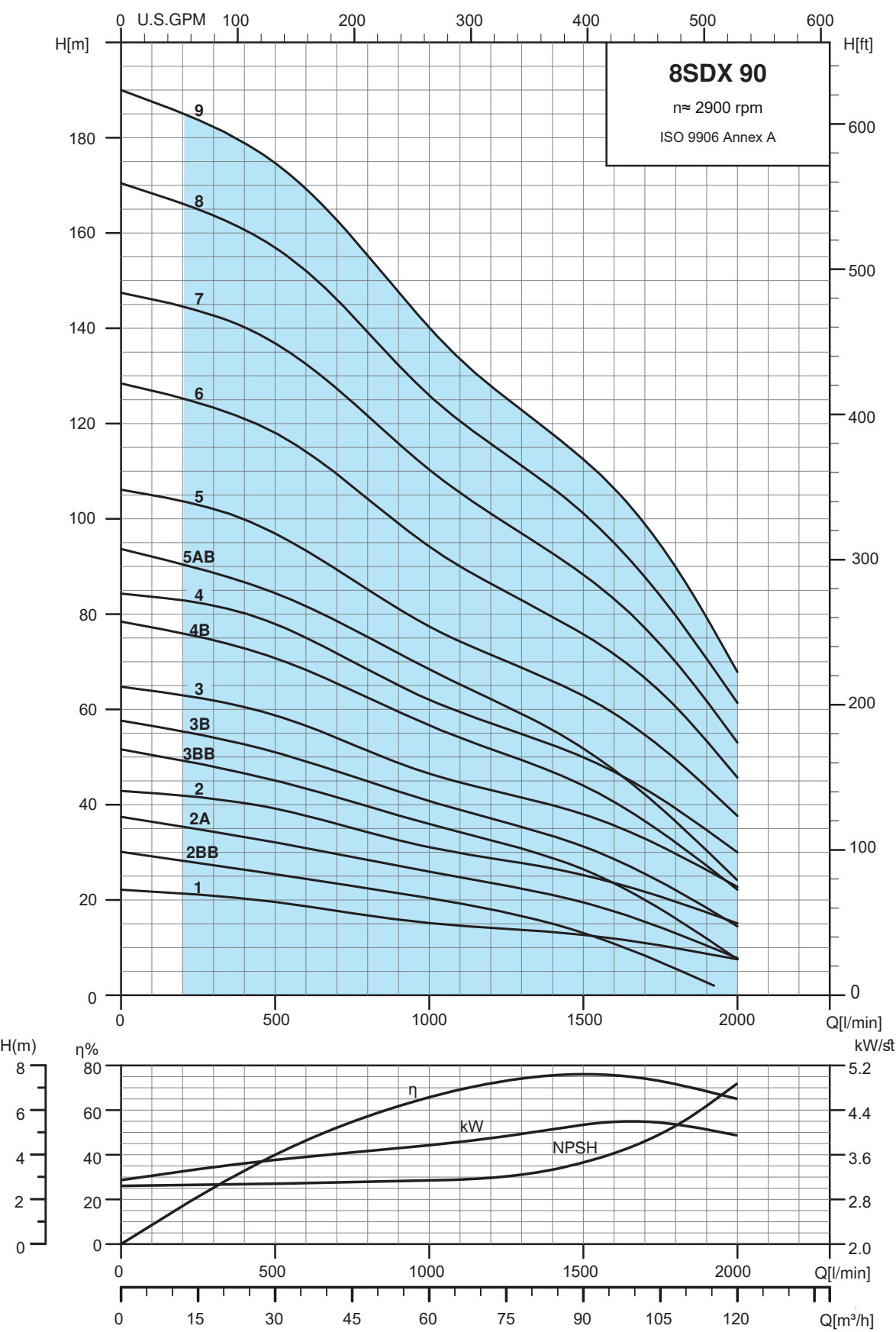
Selection Charts												Dimensions and Weights								
Pump	Motor		Q capacity 2850 rpm										Motor Dia	Dimensions (mm)						Net Weight
	P2		m³/h	12	24	30	42	54	66	78	90	102		5"Connection (RP, NPT)			5"Flange			
	kW	HP	l/min	200	400	500	700	900	1100	1300	1500	1700		A	C*	C**	A	C*	C**	
8SDX 75/1	5.5	7.5	Hm	20	19	18	16	14	13	12	9	7	4"	618	178	186	618	200	200	25.1
8SDX 75/2B	5.5	7.5		33	30	28	26	23	20	16	11	6	4"	746	178	186	746	200	200	28.7
8SDX 75/2	7.5	10		38	36	35	32	28	26	23	18	13	4"	746	178	186	746	200	200	28.7
8SDX 75/3B	9.2	12.5		53	49	47	43	38	34	28	22	13	6"	874	178	186	874	200	200	32.3
8SDX 75/3	11	15		58	55	53	47	43	39	35	28	20	6"	874	178	186	874	200	200	32.3
8SDX 75/4B	13	17.5		72	68	65	59	53	47	40	31	20	6"	1003	178	186	1003	200	200	35.9
8SDX 75/4	15	20		77	74	71	64	58	53	46	37	27	6"	1003	178	186	1003	200	200	35.9
8SDX 75/5	18.5	25		96	92	88	80	73	66	57	46	33	6"	1131	178	186	1131	200	200	39.5
8SDX 75/6	22	30		116	110	106	96	88	80	70	56	40	6"	1259	178	186	1259	200	200	43
8SDX 75/7	26	35		136	130	126	115	104	93	81	65	47	6"	1387	178	186	1387	200	200	46.6
8SDX 75/8B	26	35		147	139	134	123	112	101	87	69	47	6"	1515	178	186	1515	200	200	50.2
8SDX 75/8	30	40		153	146	141	129	117	105	93	75	53	6"	1515	178	186	1515	200	200	50.2
8SDX 75/9	30	40		171	163	158	145	131	118	104	84	58	6"	1644	178	186	1644	200	200	53.8
8SDX 75/10	37	50		193	183	177	160	145	132	117	94	68	6"	1772	178	186	1772	200	200	57.4
8SDX 75/11	37	50		211	202	195	176	159	145	128	104	74	6"	1900	178	186	1900	200	200	61
8SDX 75/12	45	60		244	234	227	207	190	173	154	130	99	6"	2039	200	204	2039	209	209	67
8SDX 75/13	55	75		263	252	244	224	205	187	166	139	107	6"	2168	200	204	2168	209	209	70.6
8SDX 75/14	55	75		282	272	264	242	221	201	180	151	116	6"	2296	200	204	2296	209	209	74.2
8SDX 75/15	55	75		302	292	284	260	237	215	191	160	120	6"	2424	200	204				77.8
8SDX 75/16	63	85		322	312	302	278	252	228	202	172	132	6"	2552	200	204				81.4
8SDX 75/17	63	85		345	333	323	296	268	243	216	181	138	6"	2680	200	204				85.2
8SDX 75/18	63	85		365	352	341	312	285	260	230	193	147	8"	2809	200	204				88.6
8SDX 75/19	75	100	383	371	361	331	299	271	241	202	155	8"	2937	200	204				92.2	
8SDX 75/20	75	100	402	389	379	347	315	287	254	212	159	8"	3065	200	204				95.8	
8SDX 75/21	75	100	422	409	398	365	330	300	367	223	167	8"	3193	200	204				99.4	
8SDX 75/22	92	125	442	428	417	382	345	313	278	233	175	8"	3321	200	204				103	

C*: Maximum diameter of pump with one motor cable.

C**: Maximum diameter of pump with two motor cable.



Characteristic curves $n \approx 2900 \text{ rpm}$

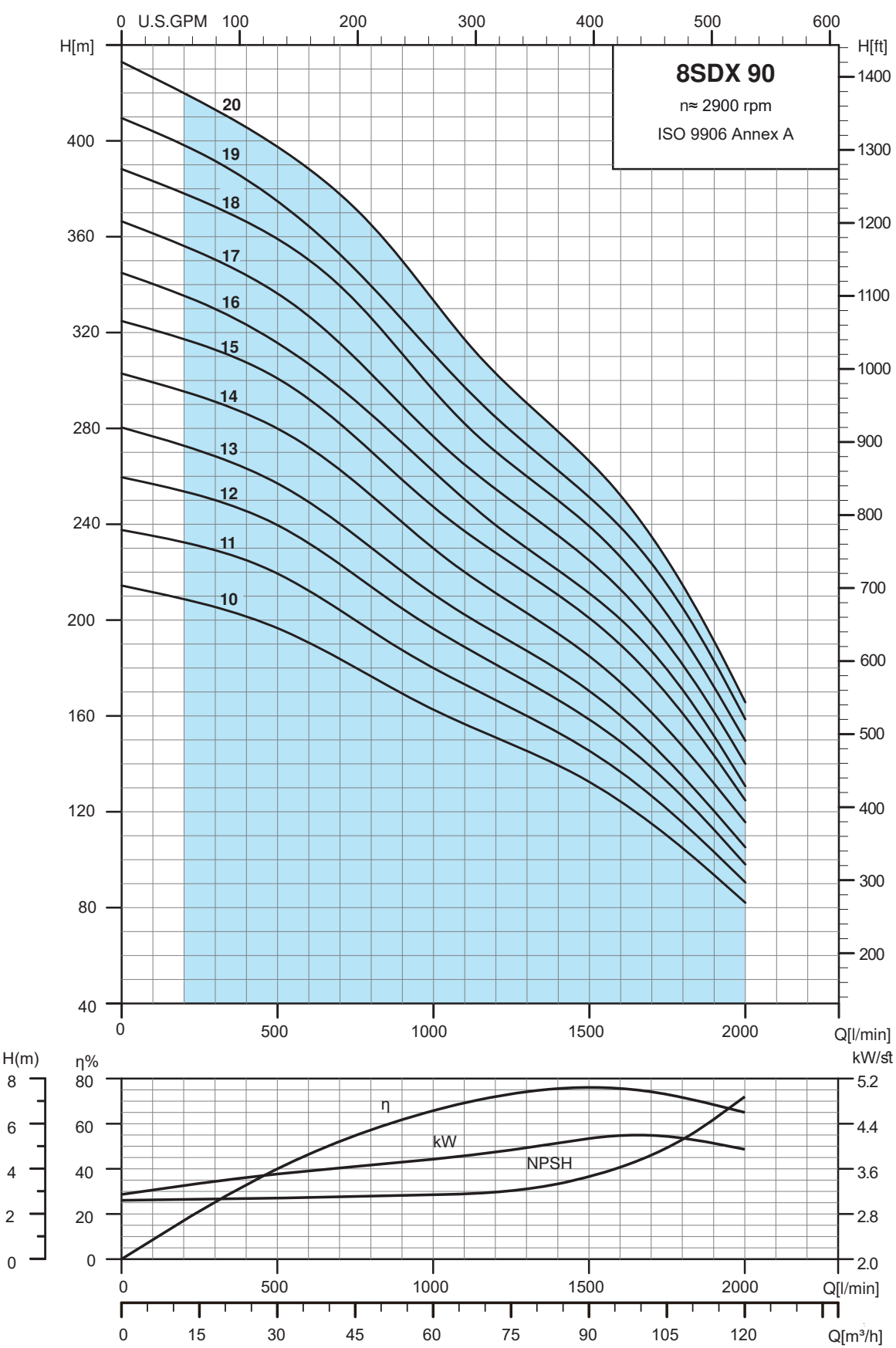


8SDX 90

Submersible borehole pumps for 8" wells



Characteristic curves $n \approx 2900$ rpm

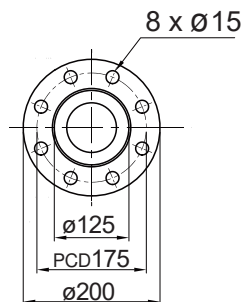


Performance n ≈ 2900 rpm, dimensions and weights

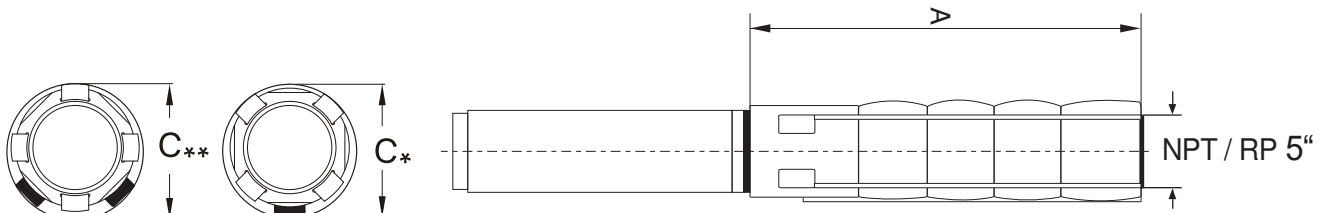
Selection Charts												Dimensions and Weights							
Pump	Motor		Q capacity 2850 rpm										Motor Dia	Dimensions (mm)					Net Weight
	P2		m³/h	18	24	36	42	48	72	84	96	120		5"Connection (RP, NPT)		5"Flange			
	kW	HP	l/min	300	400	600	700	800	1200	1400	1600	2000		A	C*	C**	A	C*	kg
8SDX 90/1	5.5	7.5	H m	21	20	18	18	17	14	13	12	8	6"	618	178	186	618	200	25.1
8SDX 90/2BB	5.5	7.5		27	26	24	23	22	18	15	11	-	6"	746	178	186	746	200	28.7
8SDX 90/2A	7.5	10		34	33	31	30	28	24	21	17	8	6"	746	178	186	746	200	28.7
8SDX 90/2	9.2	12.5		41	40	37	36	34	29	26	23	15	6"	746	178	186	746	200	28.7
8SDX 90/3BB	9.2	12.5		48	46	43	41	40	33	28	23	8	6"	874	178	186	874	200	32.3
8SDX 90/3B	11	15		54	53	49	47	45	37	33	28	15	6"	874	178	186	874	200	32.3
8SDX 90/3	13	17.5		62	60	57	54	51	43	40	35	23	6"	874	178	186	874	200	32.3
8SDX 90/4B	15	20		74	73	68	65	62	52	47	40	22	6"	1003	178	186	1003	200	35.9
8SDX 90/4	18.5	25		82	80	75	72	68	57	53	47	30	6"	1003	178	186	1003	200	35.9
8SDX 90/5AB	18.5	25		89	87	82	78	75	62	55	47	25	6"	1131	178	186	1131	200	39.5
8SDX 90/5	22	30		102	100	94	90	85	72	66	59	38	6"	1131	178	186	1131	200	39.5
8SDX 90/6	26	35		123	121	114	110	104	86	79	72	46	6"	1259	178	186	1259	200	43
8SDX 90/7	30	40		143	140	132	127	121	101	93	83	53	6"	1387	178	186	1387	200	46.6
8SDX 90/8	37	50		164	160	152	146	139	116	106	95	62	6"	1515	178	186	1515	200	50.2
8SDX 90/9	37	50		182	179	169	163	155	128	118	106	68	6"	1644	178	186	1644	200	53.8
8SDX 90/10	45	60		206	201	190	183	177	150	140	124	82	8"	1783	196	204	1783	205	60.1
8SDX 90/11	55	75		230	225	212	204	196	167	152	137	90	8"	1911	196	204	1911	205	63.7
8SDX 90/12	55	75		250	245	231	222	214	181	167	150	99	8"	2039	196	204	2039	205	67.3
8SDX 90/13	55	75		268	263	250	240	230	195	180	160	106	8"	2168	196	204	2168	205	71
8SDX 90/14	63	85		291	286	271	261	251	210	194	174	116	8"	2296	196	204	2296	205	74.6
8SDX 90/15	75	100	312	308	292	281	270	228	210	190	126	8"	2424	196	204			78.2	
8SDX 90/16	75	100	330	323	307	297	286	240	221	200	131	8"	2552	196	204			81.8	
8SDX 90/17	75	100	350	344	327	316	302	255	235	212	140	8"	2680	196	204			85.4	
8SDX 90/18	92	125	372	366	350	340	326	270	250	227	150	8"	2809	196	204			89	
8SDX 90/19	92	125	392	384	364	353	339	285	262	239	159	8"	2937	196	204			92.6	
8SDX 90/20	92	125	412	406	388	378	365	302	279	251	166	8"	3065	196	204			96.2	

C*: Maximum diameter of pump with one motor cable.

C**: Maximum diameter of pump with two motor cable.



5" Flange





Construction

Stainless steel construction designed and built for years of trouble free operation. Designed and built to operate in difficult conditions. All metal parts are made of 304 or 316 stainless steel, except for the shafts, which are made of 431 or 316 stainless steel. Heavy duty stainless steel discharge upper casing with built-in check valve for preventing back flow in connection with pump stoppage and the risk of destructive water hammer is reduced to a minimum. High quality shaft bearings provide low friction and high wear resistance. The stop ring prevents damage to the pump during transport and in case of up-thrust in connection with start-up. The stop ring, which is designed as a thrust bearing, limits axial movements of the pump shaft. Stainless steel strainer to restrict the entry of sand and other extraneous material.

Applications

Potable water supply
Agricultural irrigation and livestock watering
Municipal and industrial water supply
Pressure boosting
Mining applications
Groundwater lowering
Fountain

Pumped liquids

Clean, thin, non-aggressive and non-corrosive liquids without solid particles or fibers.

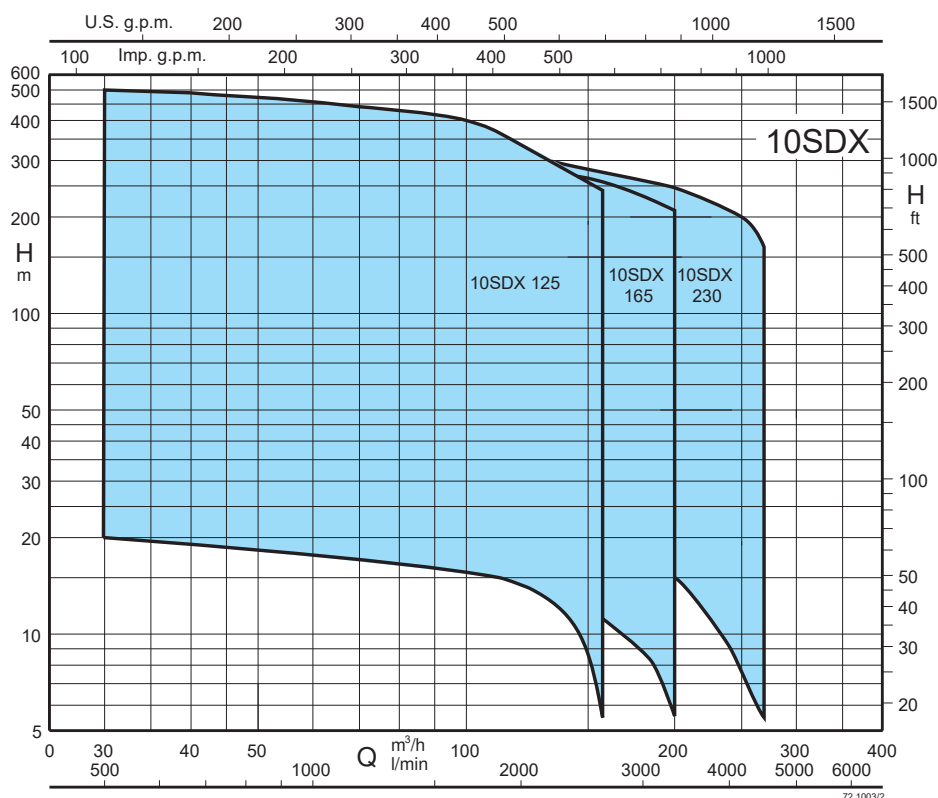
Operating conditions

Delivery : min 16 m³/h up to max 280 m³/h.
Head : up to 502 m.
Maximum ambient temperature (liquid): 40 °C
Maximum permissible quantity of sand : 50g/m³.

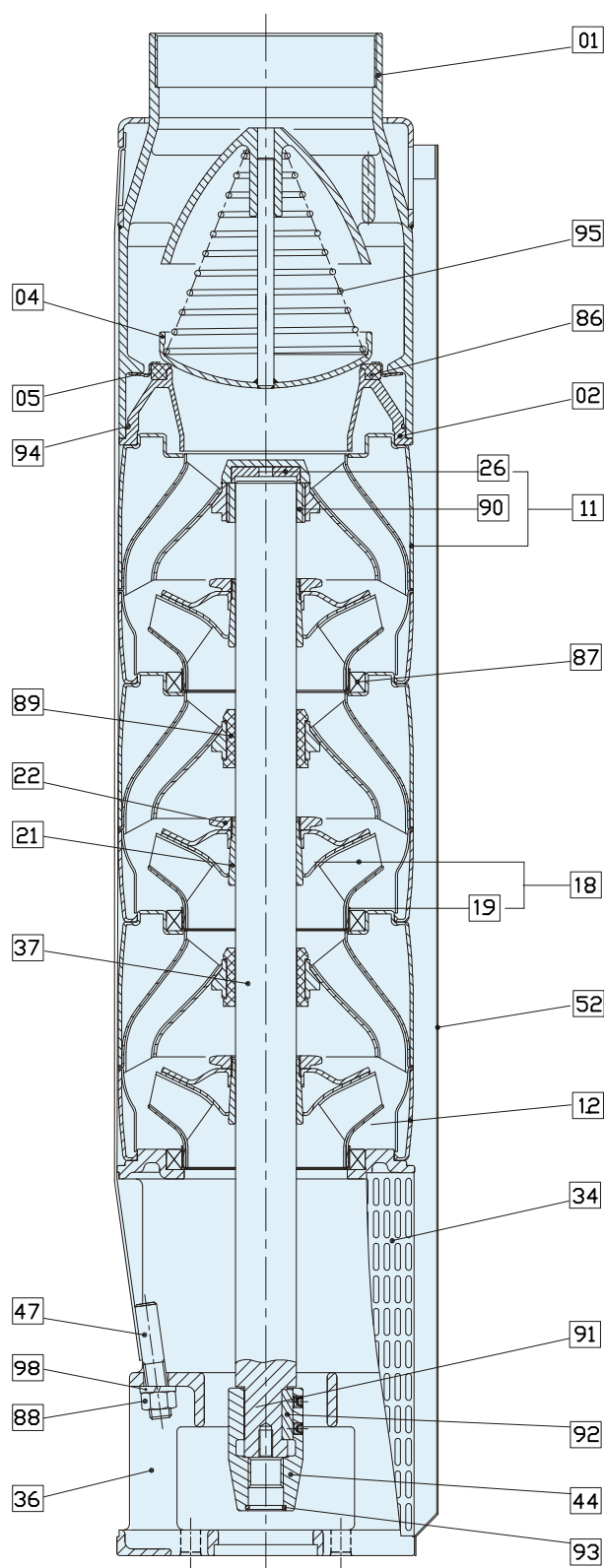
Screen size of each hole:

20 x 4 mm --- 

Coverage chart $n \approx 2900$ rpm



Components / Materials



Pos	Components	Standard
01	Discharge	SUS304 / SUS316
02	Lower Valve Seat Retainer	SUS304 / SUS316
04	Valve Cup	SUS304 / SUS316
05	Upper Valve Seat Retainer	SUS304 / SUS316
11	Upper Diffuser	SUS304 / SUS316
+26	Spacing Washer for Stop Ring	Carbon Fiber+MoS2+PTFE
+90	Upper Bearing	SUS304+NBR / SUS316+NBR
12	Diffuser	SUS304 / SUS316
18	Impeller	SUS304 / SUS316
18	Impeller - A	SUS304 / SUS316
+19	Ring of Impeller	SUS304 / SUS316
21	Split Cone	SUS304 / SUS316
22	Split Cone Nut	SUS304 / SUS316
34	Strainer - one lead	SUS304 / SUS316
34	Strainer - two leads	SUS304 / SUS316
36	Suction Interconnector - 6"	SUS304 / SUS316
36	Suction Interconnector - 8"	SUS304 / SUS316
37	Shaft	SUS431 / SUS316
44	Coupling - 6"	SUS304 / SUS316
44	Coupling - 8"	SUS304 / SUS316
47	Strap	SUS304 / SUS316
52	Cable Guard	SUS304 / SUS316
86	Valve Seat	NBR70
87	Neck Ring	PPS+NBR
88	Nut	SUS304 / SUS316
89	Bearing	NBR70
91	Screw - 6"	SUS304 / SUS316
91	Screw - 8"	SUS304 / SUS316
92	Key - 6"	SUS304 / SUS316
92	Key - 8"	SUS304 / SUS316
93	O-ring - 6"	NBR70
93	O-ring - 8"	NBR70
94	O-ring	NBR70
95	Spring	SUS304 / SUS316
98	Spring Washer	SUS304

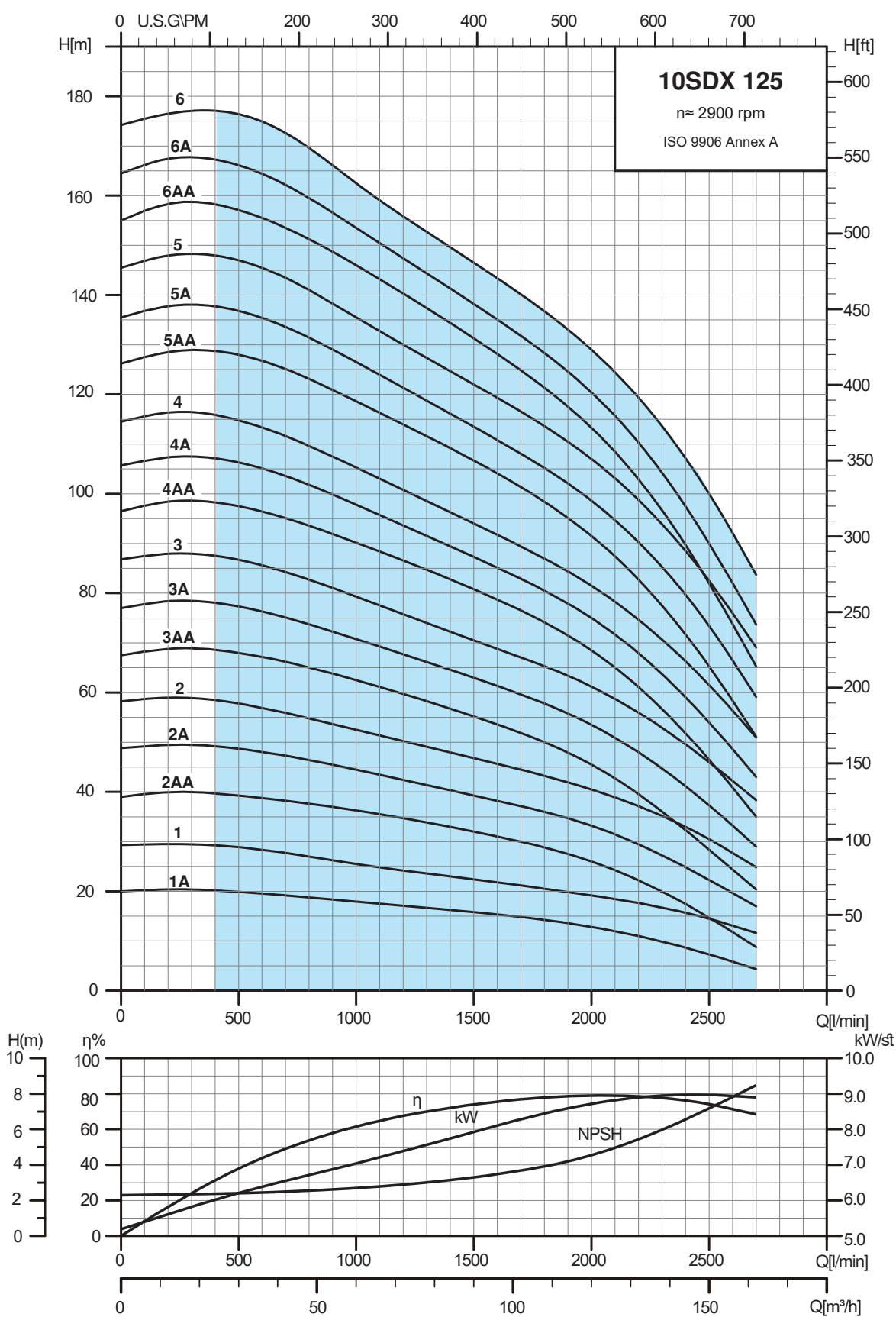
*AISI 316 stainless steel pumps are available on request.

10SDX 125

Submersible borehole pumps for 10" wells



Characteristic curves $n \approx 2900$ rpm

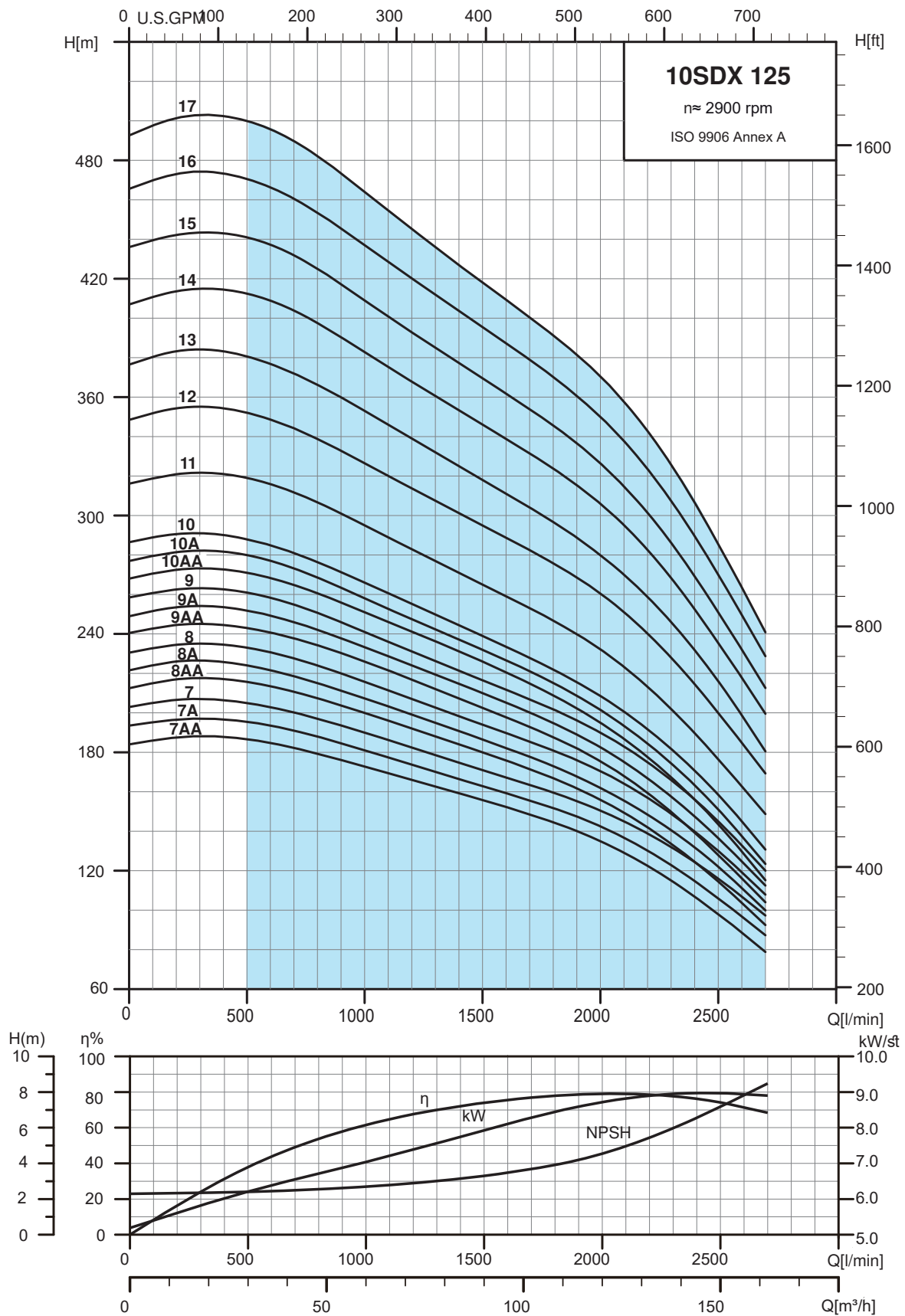


10SDX 125

Submersible borehole pumps for 10" wells



Characteristic curves $n \approx 2900$ rpm



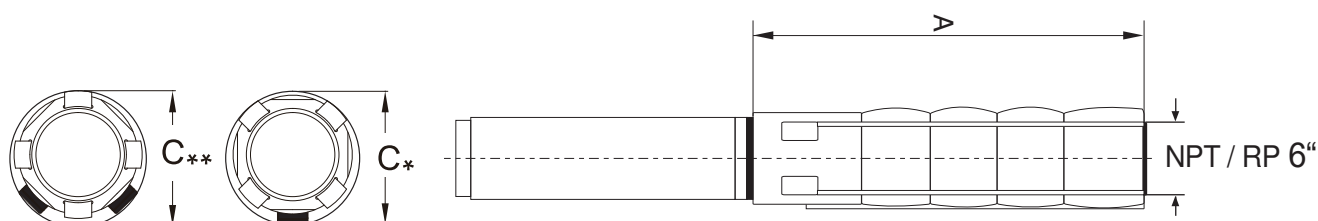
10SDX 125

Submersible borehole pumps for 10" wells



Performance n ≈ 2900 rpm, dimensions and weights

Selection Chart												Dimensions and Weights					
Pump	Motor		Q capacity 2850 rpm										Motor Dia	Dimensions (mm)			Net Weight
	P2		m³/h	30	42	54	78	90	102	114	126	138		5"Connection (RP, NPT)			
	kW	HP	l/min	500	700	900	1300	1500	1700	1900	2100	2300		A	C*	C**	kg
10SDX 125/1-A	7.5	10	Hm	20	19	18	17	16	15	14	12	10	6"	652	211	218	29.2
10SDX 125/1	11	15		29	28	26	24	22	22	20	18	17	6"	652	211	218	29.26
10SDX 125/2-AA	13	17.5		39	38	37	34	32	30	28	24	20	6"	807	211	218	35.64
10SDX 125/2-A	18.5	25		49	48	46	41	39	38	35	32	28	6"	807	211	218	35.7
10SDX 125/2	22	30		58	56	54	49	47	44	42	39	35	6"	807	211	218	35.76
10SDX 125/3-AA	22	30		68	66	64	58	55	52	48	43	36	6"	963	211	218	42.14
10SDX 125/3-A	26	35		77	75	73	66	63	60	56	51	45	6"	963	211	218	42.2
10SDX 125/3	30	40		87	89	81	74	71	68	63	58	53	6"	963	211	218	42.26
				8"	963	213	218	47.06									
10SDX 125/4-AA	37	50		98	95	92	85	81	77	72	65	67	6"	1118	211	218	48.64
				8"	1118	213	218	51.94									
10SDX 125/4-A	37	50		106	104	100	92	87	83	78	72	64	6"	1118	211	218	48.7
				8"	1118	213	218	52									
10SDX 125/4	37	50		115	112	108	98	94	89	84	78	71	6"	1118	211	218	48.76
				8"	1118	213	218	52.06									
10SDX 125/5-AA	45	60		128	125	121	112	107	101	95	87	78	6"	1274	211	218	55.14
				8'	1274	213	218	56.94									
10SDX 125/5-A	45	60		137	133	129	119	114	108	102	95	85	6"	1274	211	218	55.2
				8"	1274	213	218	57									
10SDX 125/5	55	75		147	144	138	128	122	117	111	103	94	8"	1274	213	218	57.06
10SDX 125/6-AA	55	75		157	154	149	138	131	125	118	108	97	8"	1429	213	218	61.94
10SDX 125/6-A	55	75		166	162	156	144	138	132	125	116	104	8"	1429	213	218	62
10SDX 125/6	63	85		176	173	166	153	147	140	133	124	114	8"	1429	218	227	62.06
10SDX 125/7-AA	63	85		187	183	176	163	156	148	140	129	115	8"	1585	218	227	66.94
10SDX 125/7-A	63	85		196	191	185	170	163	155	148	137	123	8"	1585	218	227	67
10SDX 125/7	75	100		205	200	194	178	171	164	155	145	132	8"	1585	218	227	67.06
10SDX 125/8-AA	75	100		216	211	204	188	180	172	162	149	134	8"	1740	218	227	71.94
10SDX 125/8-A	75	100		224	218	212	195	187	178	168	156	141	8"	1740	218	227	72
10SDX 125/8	75	100	233	227	220	203	194	186	176	165	149	8"	1740	218	227	72.06	
10SDX 125/9-AA	92	125	243	238	230	212	203	193	182	168	150	8"	1896	218	227	76.94	
10SDX 125/9-A	92	125	252	245	237	219	210	200	189	175	158	8"	1896	218	227	77	
10SDX 125/9	92	125	261	255	246	226	217	207	196	183	166	8"	1896	218	227	77.06	
10SDX 125/10-AA	92	125	271	265	256	236	226	215	203	186	167	8"	2051	218	227	81.94	
10SDX 125/10-A	92	125	280	273	264	243	232	221	209	193	175	8"	2051	218	227	82	
10SDX 125/10	92	125	288	281	271	250	239	227	215	201	182	8"	2051	218	227	82.06	
10SDX 125/11	110	150	319	312	301	277	265	254	240	223	202	8"	2207	218	227	87.06	
10SDX 125/12	132	175	352	345	333	308	295	283	269	251	228	10"	2492	227	247	109.5	
10SDX 125/13	132	175	381	372	360	332	318	304	289	270	246	10"	2648	227	247	116	
10SDX 125/14	147	200	413	404	390	361	346	332	316	295	269	10"	2803	227	247	122.5	
10SDX 125/15	147	200	441	431	417	385	370	354	336	315	286	10"	2959	227	247	129	
10SDX 125/16	170	230	471	460	445	412	396	379	361	338	308	10"	3114	227	247	135.5	
10SDX 125/17	170	230	500	490	473	436	418	406	382	358	325	10"	3270	227	247	142	

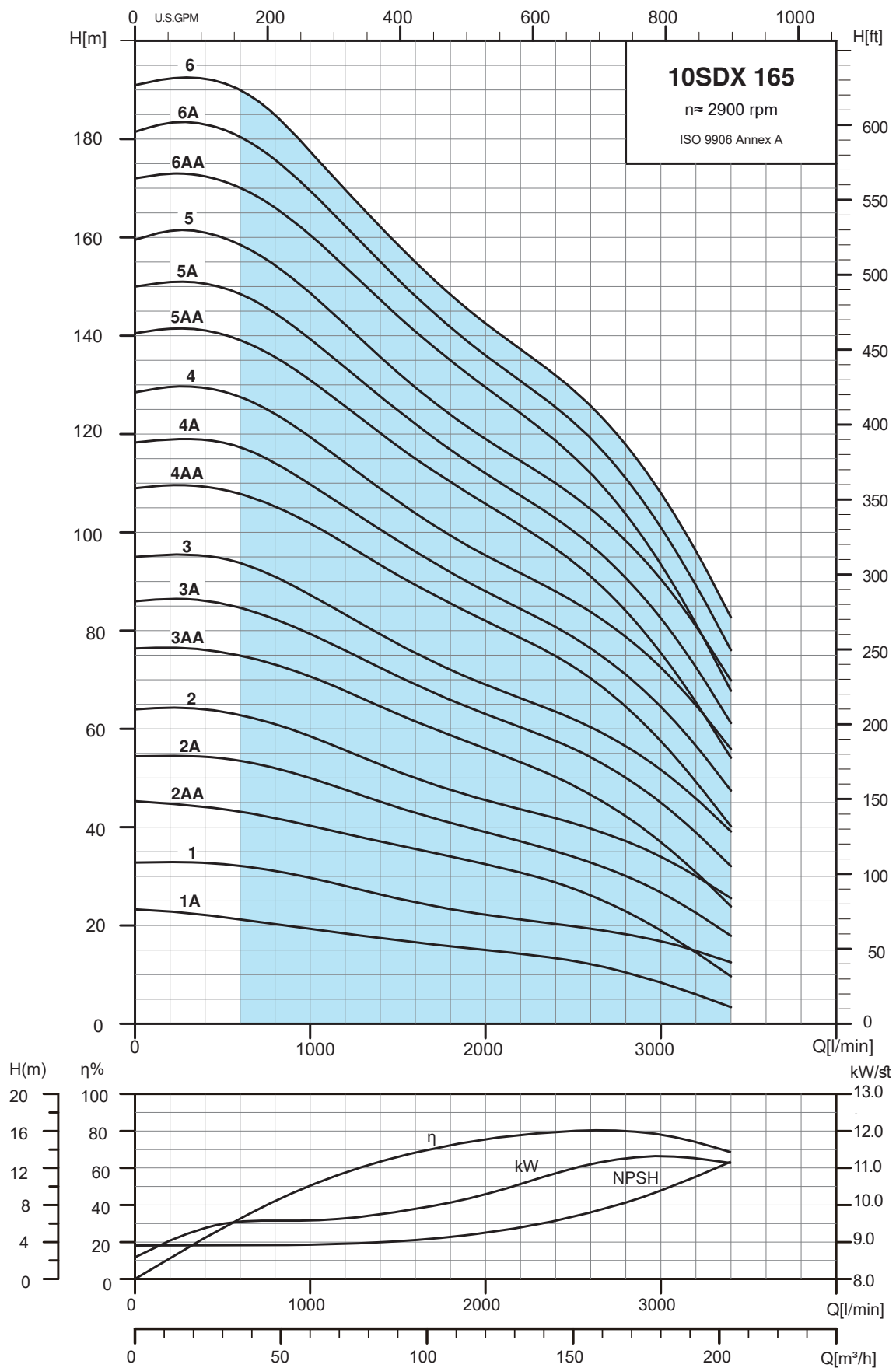


10SDX 165

Submersible borehole pumps for 10" wells



Characteristic curves $n \approx 2900$ rpm

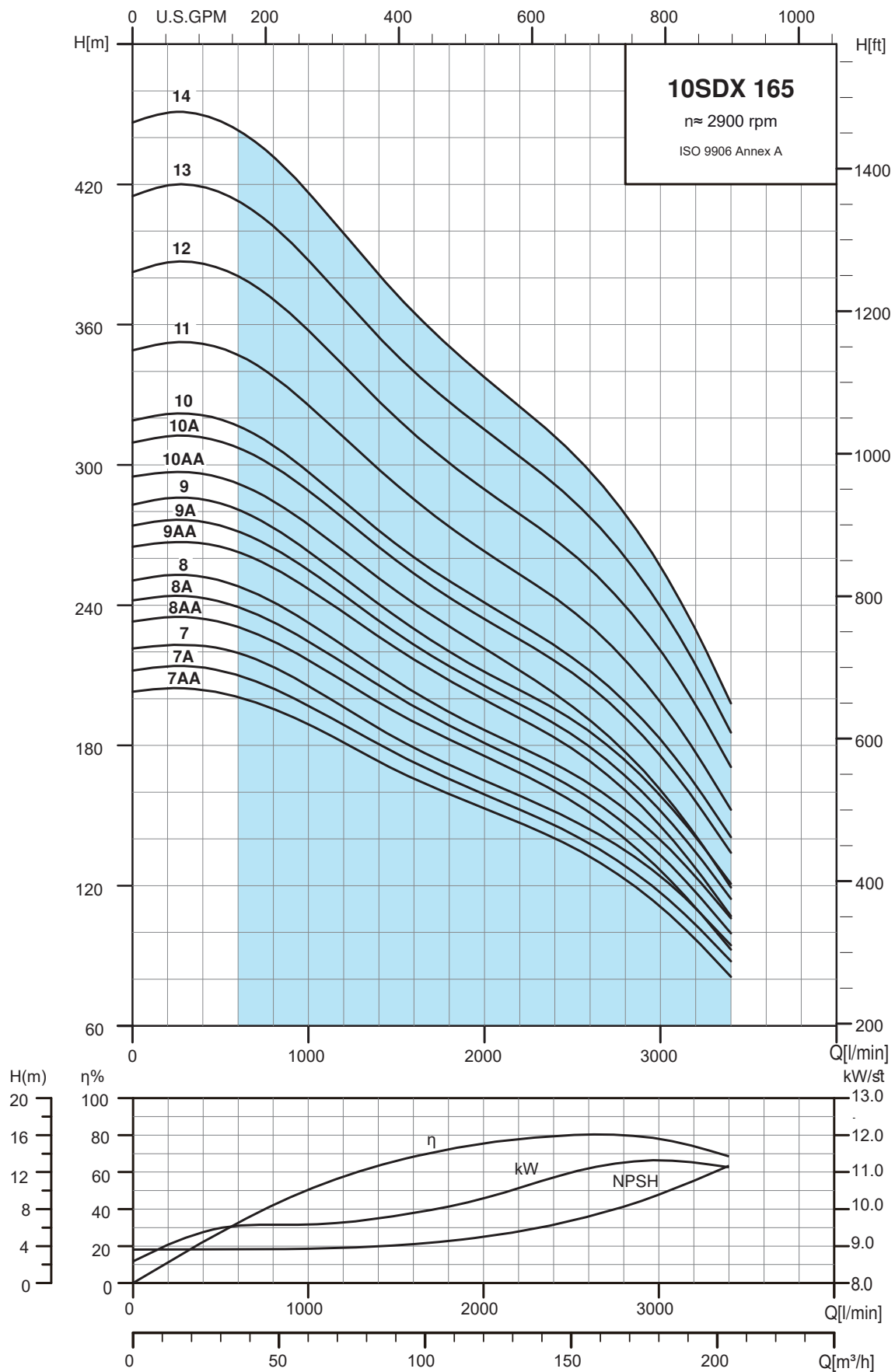


10SDX 165

Submersible borehole pumps for 10" wells



Characteristic curves $n \approx 2900$ rpm



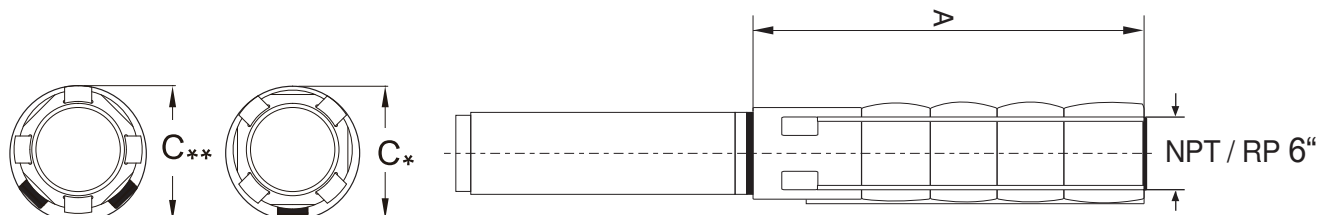
10SDX 165

Submersible borehole pumps for 10" wells



Performance n ≈ 2900 rpm, dimensions and weights

Selection Chart													Dimensions and Weights				
Pump	Motor		Q capacity 2850 rpm										Motor Dia	Dimensions (mm)			Net Weight
	P2		m³/h	36	54	72	90	108	144	162	180	198		5"Connection (RP, NPT)			
	kW	HP	l/min	600	900	1200	1500	1800	2400	2700	3000	3300		A	C*	C**	kg
10SDX 165/1-A	9.2	12.5	Hm	21	20	18	17	16	13	12	8	5	6"	652	211	218	30.4
10SDX 165/1	13	17.5		32	31	28	25	24	20	19	17	14	6"	652	211	218	30.4
10SDX 165/2-AA	18.5	25		43	41	39	36	34	29	25	19	12	6"	807	211	218	36.74
10SDX 165/2-A	22	30		53	51	48	44	41	35	32	27	20	6"	807	211	218	36.82
10SDX 165/2	26	35		63	60	56	51	48	42	38	34	28	6"	807	211	218	36.82
10SDX 165/3-AA	30	40		75	72	68	63	59	50	45	37	28	6"	963	211	218	43.16
10SDX 165/3-A	37	50		85	81	76	71	66	58	52	45	36	6"	963	211	218	43.24
10SDX 165/3	37	50		94	89	83	78	72	64	59	52	43	6"	963	211	218	43.24
10SDX 165/4-AA	45	60		108	104	98	91	85	75	68	57	45	8"	1118	218	227	50.9
10SDX 165/4-A	45	60		117	112	105	98	92	81	74	65	52	8"	1118	218	227	50.98
10SDX 165/4	55	75		128	122	114	106	99	88	81	73	61	8"	1118	218	227	50.98
10SDX 165/5-AA	55	75		139	134	126	118	110	97	88	75	60	8"	1274	218	227	57.32
10SDX 165/5-A	55	75		148	142	134	125	117	103	94	82	67	8"	1274	218	227	57.4
10SDX 165/5	63	85		158	152	142	132	124	110	102	90	76	8"	1274	218	227	57.4
10SDX 165/6-AA	63	85		170	163	154	144	135	119	108	93	75	8"	1429	218	227	63.74
10SDX 165/6-A	75	100		180	173	162	152	142	125	115	101	83	8"	1429	218	227	63.82
10SDX 165/6	75	100		190	182	170	158	148	132	122	108	90	8"	1429	218	227	63.82
10SDX 165/7-AA	75	100		200	193	181	169	159	140	128	111	89	8"	1585	218	227	70.16
10SDX 165/7-A	92	125		210	201	188	177	166	146	134	117	96	8"	1585	218	227	70.24
10SDX 165/7	92	125		220	210	196	183	172	152	140	124	102	8"	1585	218	227	70.24
10SDX 165/8-AA	92	125		230	220	208	194	183	160	146	126	102	8"	1740	218	227	76.58
10SDX 165/8-A	92	125		239	229	215	201	189	167	152	133	108	8"	1740	218	227	76.66
10SDX 165/8	92	125		248	237	222	208	194	172	158	140	115	8"	1740	218	227	76.66
10SDX 165/9-AA	110	150		263	252	237	222	208	183	167	146	117	8"	1896	218	227	83
10SDX 165/9-A	110	150		272	260	244	228	214	189	174	152	124	8"	1896	218	227	83.08
10SDX 165/9	110	150		281	268	252	235	220	196	180	159	131	8"	1896	218	227	83.08
10SDX 165/10-AA	110	150		292	280	263	246	231	202	184	161	131	8"	2051	218	227	89.42
10SDX 165/10-A	132	175		307	295	277	259	244	216	199	176	145	10"	2181	227	247	102.6
10SDX 165/10	132	175		317	303	284	266	250	223	205	182	152	10"	2181	227	247	102.6
10SDX 165/11	132	175		347	332	312	292	274	243	224	199	165	10"	2337	227	247	109.0
10SDX 165/12	147	200		380	365	342	320	301	268	248	221	184	10"	2492	227	247	115.4
10SDX 165/13	170	230		413	395	371	347	327	292	269	240	200	10"	2648	227	247	121.9
10SDX 165/14	170	230		443	425	399	373	350	312	288	257	213	10"	2803	227	247	128.3

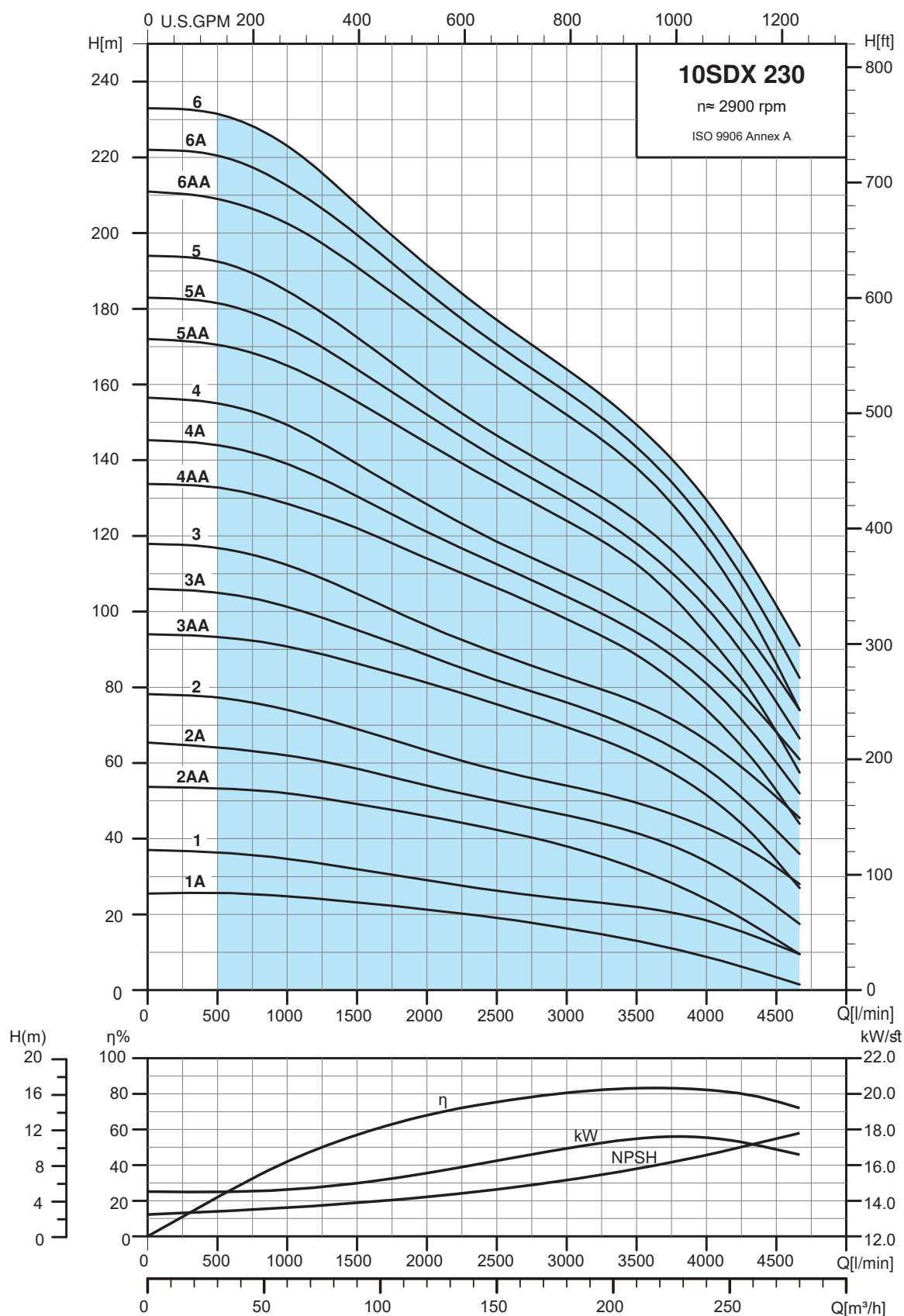


10SDX 230

Submersible borehole pumps for 10" wells



Performance $n \approx 2900$ rpm

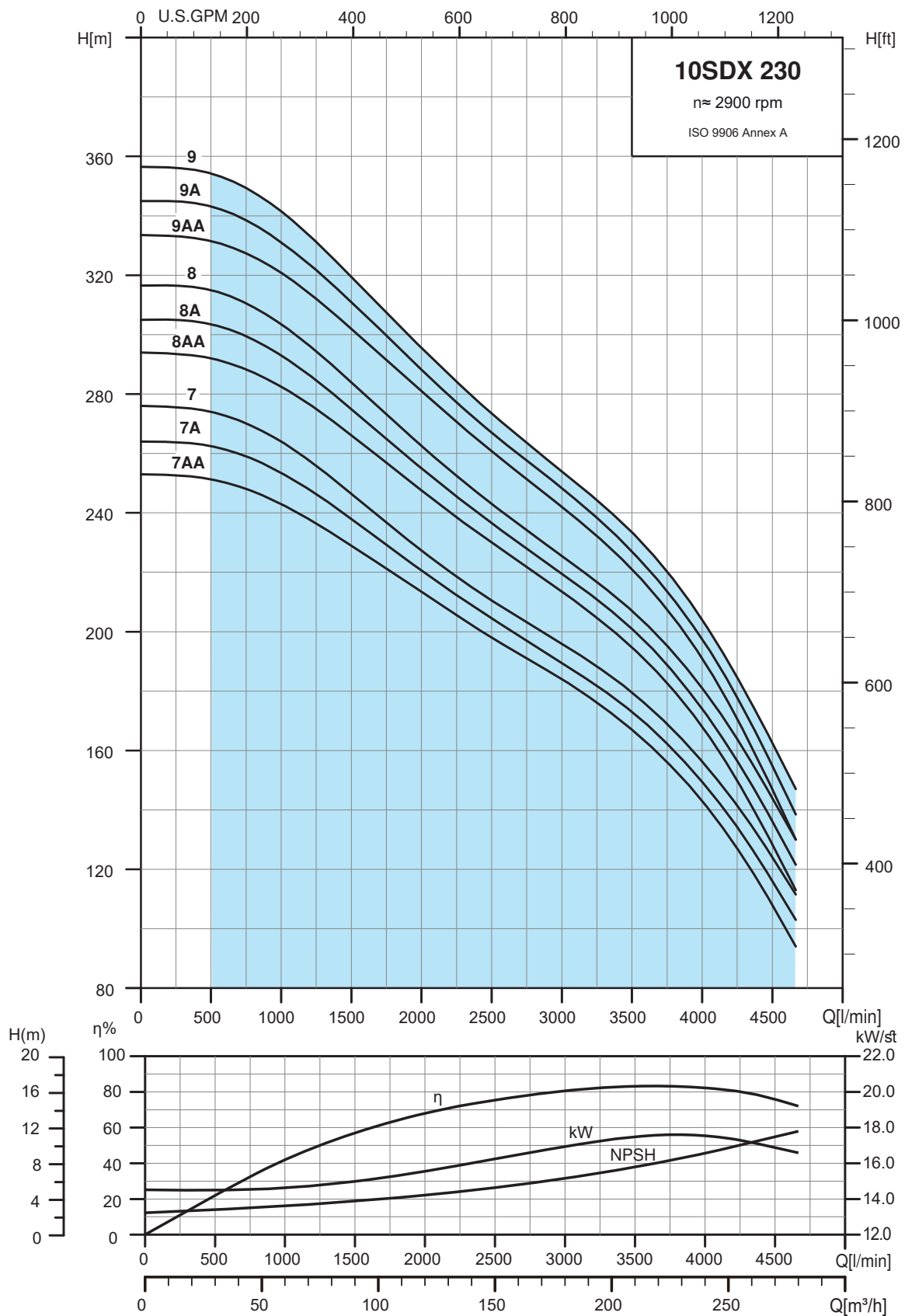


10SDX 230

Submersible borehole pumps for 10" wells



Performance $n \approx 2900$ rpm



10SDX 230

Submersible borehole pumps for 10" wells



Performance n ≈ 2900 rpm, dimensions and weights

Selection Chart												
Pump	Motor		Q capacity 2850 rpm									
	P2		m³/h	30	60	90	120	150	180	210	240	270
	kW	HP	l/min	500	1000	1500	2000	2500	3000	3500	4000	4500
10SDX 230/1-A	15	20	Hm	26	25	23	21	19	16	13	9	4
10SDX 230/1	18.5	25		36.5	35	32	29	26	24	22	18	12
10SDX 230/2-AA	30	40		53	52	49	46	42	38	32	24	14
10SDX 230/2-A	37	50		64	62	58	54	50	46	41	34	22
10SDX 230/2	45	60		77	74	69	63	58	54	49	42	32
10SDX 230/3-AA	55	75		93	90	86	81	75	69	62	51	34
10SDX 230/3-A	55	75		105	101	95	88	82	76	69	58	42
10SDX 230/3	63	85		117	112	104	96	89	82	76	66	51
10SDX 230/4-AA	75	100		133	128	122	114	106	98	88	74	53
10SDX 230/4-A	75	100		144	139	130	121	112	104	94	81	60
10SDX 230/4	75	100		155	149	139	128	118	110	100	87	68
10SDX 230/5-AA	92	125		170	165	155	144	134	124	112	94	68
10SDX 230/5-A	92	125		181	175	164	152	140	130	118	101	76
10SDX 230/5	92	125		192	184	172	159	146	135	124	107	83
10SDX 230/6-AA	110	150		209	202	191	178	164	152	138	117	86
10SDX 230/6-A	110	150		220	212	199	184	170	158	143	123	93
10SDX 230/6	110	150		231	223	207	191	177	164	149	129	101
10SDX 230/7-AA	132	175		251	243	229	213	198	184	167	143	108
10SDX 230/7-A	132	175		262	253	238	220	204	189	173	149	116
10SDX 230/7	132	175		274	264	246	227	210	196	180	156	124
10SDX 230/8-AA	147	200		292	282	266	247	230	213	195	168	128
10SDX 230/8-A	147	200		303	293	275	255	236	219	201	174	136
10SDX 230/8	147	200		315	303	284	262	243	225	207	181	144
10SDX 230/9-AA	170	230		331	320	302	281	260	242	221	191	146
10SDX 230/9-A	170	230		343	331	311	288	267	248	227	197	155
10SDX 230/9	170	230		354	341	319	295	273	254	233	204	162

Dimensions and Weights				
Motor Dia	Dimensions (mm)			Net Weight
	5"Connection (RP, NPT)			
	A	C*	C**	kg
6"	771.7	237	241	46.08
6"	771.7	237	241	46.08
6"	947.7	237	241	56.12
6"	947.7	237	241	56.12
8"	947.7	237	241	55.78
8"	1123	237	241	65.6
8"	1123	237	241	65.6
8"	1123	237	241	65.6
8"	1299	237	241	75.42
8"	1299	237	241	75.42
8"	1299	237	241	75.42
8"	1475	237	241	85.8
8"	1475	237	241	85.8
8"	1475	237	241	85.8
8"	1651	237	241	96.18
8"	1651	237	241	96.18
8"	1651	237	241	96.18
10"	1827	262	274	111.2
10"	1827	262	274	111.2
10"	1827	262	274	111.2
10"	2003	262	274	121.4
10"	2003	262	274	121.4
10"	2003	262	274	121.4
10"	2179	262	274	131.7
10"	2179	262	274	131.7
10"	2179	262	274	131.7

