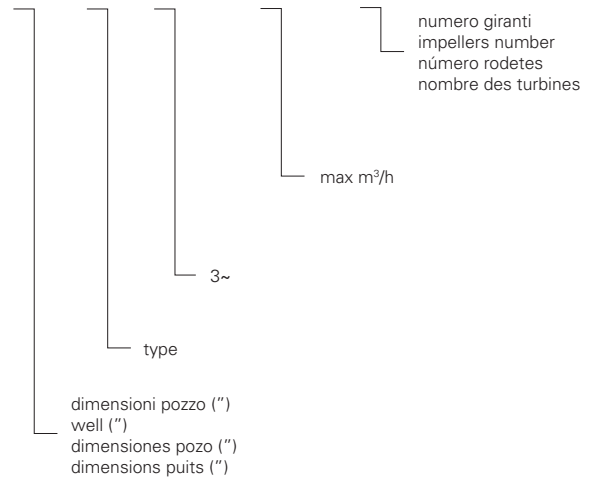


4SX



4 SX (T) 100 / 04

**DESCRIZIONE**

Pompe sommerse centrifughe multistadio, per pozzi da 4", particolarmente adatte per impianti di sollevamento e distribuzione dell'acqua che richiedono pressioni e portate molto elevate.

APPLICAZIONI

Impianti e sistemi idrici per uso domestico e industriale, in servizio continuo o intermittente. Impianti di pressurizzazione. Impianti di irrigazione.

CARATTERISTICHE COSTRUTTIVE

Flangia di accoppiamento al motore e corpo di mandata in acciaio inox (AISI 304).

Valvola di ritegno fermaflusso incorporata. Giranti e diffusori in acciaio inox.

Camicia, albero pompa, giunto, coprifilo, calotta esterna della griglia di aspirazione e viterie realizzati in acciaio inox. Flange di accoppiamento ai motori prodotte secondo le normative NEMA.

CONDIZIONI OPERATIVE

Temperatura max. del liquido: 30° C

Quantità di sabbia max. contenuta nel liquido: 50 g/m³

DESCRIPCIÓN

Bombas centrifugas multietapa sumergibles para pozos de 4", particularmente adecuadas para instalaciones de distribución y de subida de aguas que requieren presiones y caudales elevados.

APLICACIONES

Instalaciones y sistemas hidráulicos destinados a un uso residencial e industrial, para un servicio intermitente o continuo. Sistema de presurización. Instalaciones de riego.

CARACTERÍSTICAS DE DISEÑO

La brida de acoplamiento del motor y la cabeza de descarga son de acero inoxidable (AISI 304).

Válvula de retención incorporada. Rodetes y difusores de acero inoxidable.

La carcasa, el eje de la bomba, el acoplamiento, el apantallamiento del cable, la carcasa externa del filtro y los tornillos son de acero inoxidable. Las bridas de la bomba para el acoplamiento con los motores han sido fabricadas de acuerdo con las normas NEMA.

CONDICIONES DE FUNCIONAMIENTO

Temperatura máxima del líquido: 30° C

Contenido máximo de arena: 50 g/m³

DESCRIPTION

Submersible multistage centrifugal pumps for 4" wells, particularly suitable for water rising and distribution installations requiring very high pressures and flow rates.

APPLICATIONS

Water plants and systems for residential and industrial use, for continuous or intermittent duty operation. Pressurizing system. Irrigation plants.

DESIGN FEATURES

Motor coupling flange and discharge head are made in stainless steel (AISI 304).

Incorporated non-return check valve. Impellers and diffusers in stainless steel.

Shell, pump shaft, coupling, cable shield, suction screen external shell and all screws are in stainless steel. Pump flanges for coupling with motors are made according to NEMA standards.

OPERATING CONDITIONS

Max liquid temperature: 30° C

Max Sand content: 50 g/m³

DESCRIPTION

Pompes submersibles centrifuges multicellulaires destinée aux puits de 4", tout particulièrement adaptées à la montée des eaux et aux installations de distribution nécessitant de très hauts niveaux de pression et de débit.

APPLICATIONS

Installations et systèmes d'approvisionnement en eau pour utilisation domestique et industrielle, en service intermittent ou continu. Système de pressurisation. Installations d'irrigation.

CARACTÉRISTIQUES DE CONCEPTION

La brida d'accouplement du moteur et la tête de décharge sont fabriquées en acier inoxydable (AISI 304).

Vanne anti-retour intégrée. Roues et diffuseurs en acier inoxydable.

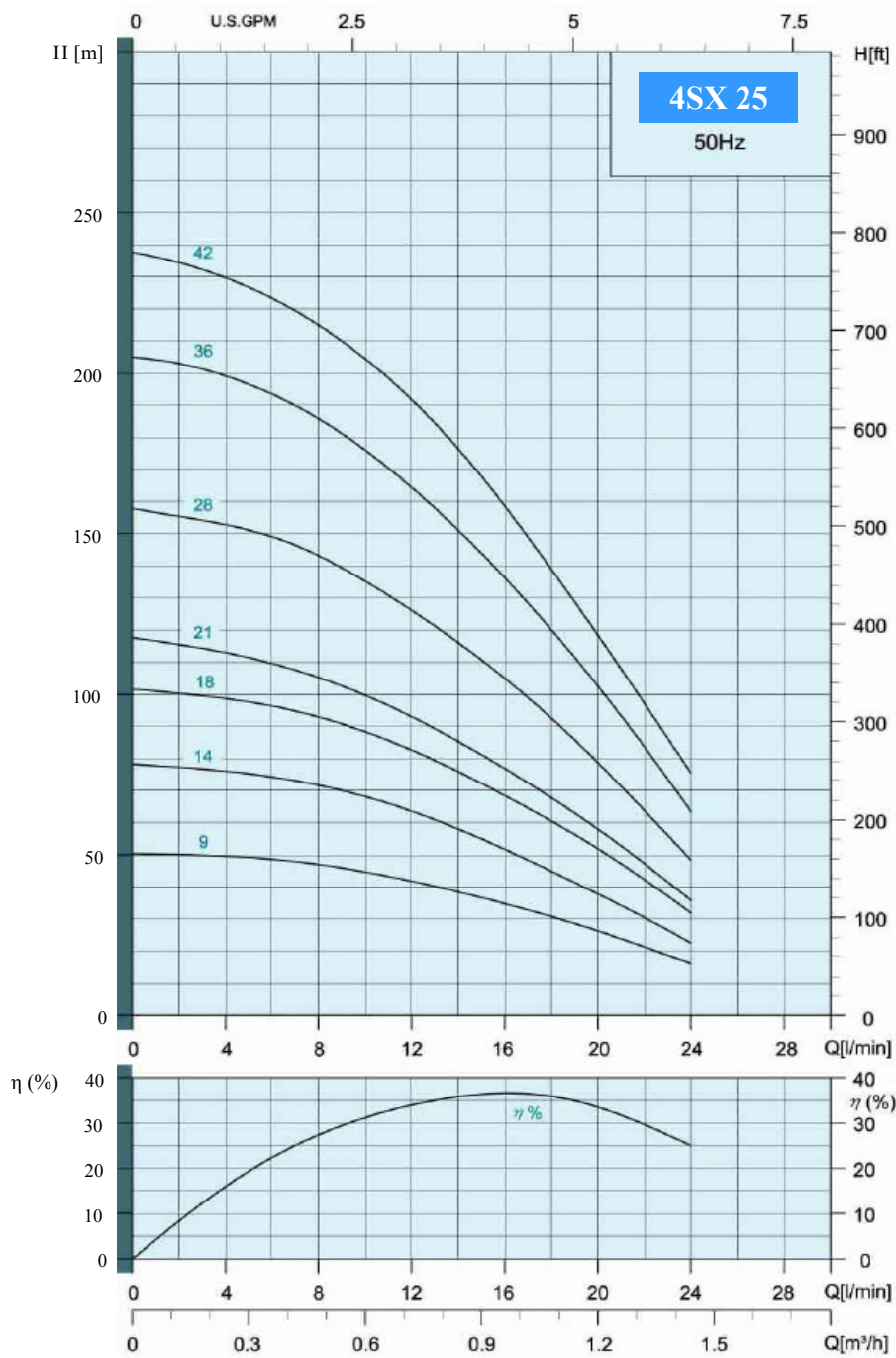
Le corps, l'arbre de pompe, l'accouplement, la protection de câble, la crépine d'aspiration et le corps extérieur et toutes les vis sont en acier inoxydable. Les bridas de pompe pour l'accouplement avec les moteurs sont fabriquées selon les normes NEMA.

CONDITIONS DE FONCTIONNEMENT

Température maxi du liquide : 30° C

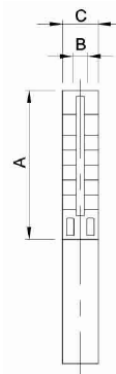
Teneur maxi en sable : 50 g/m³

25



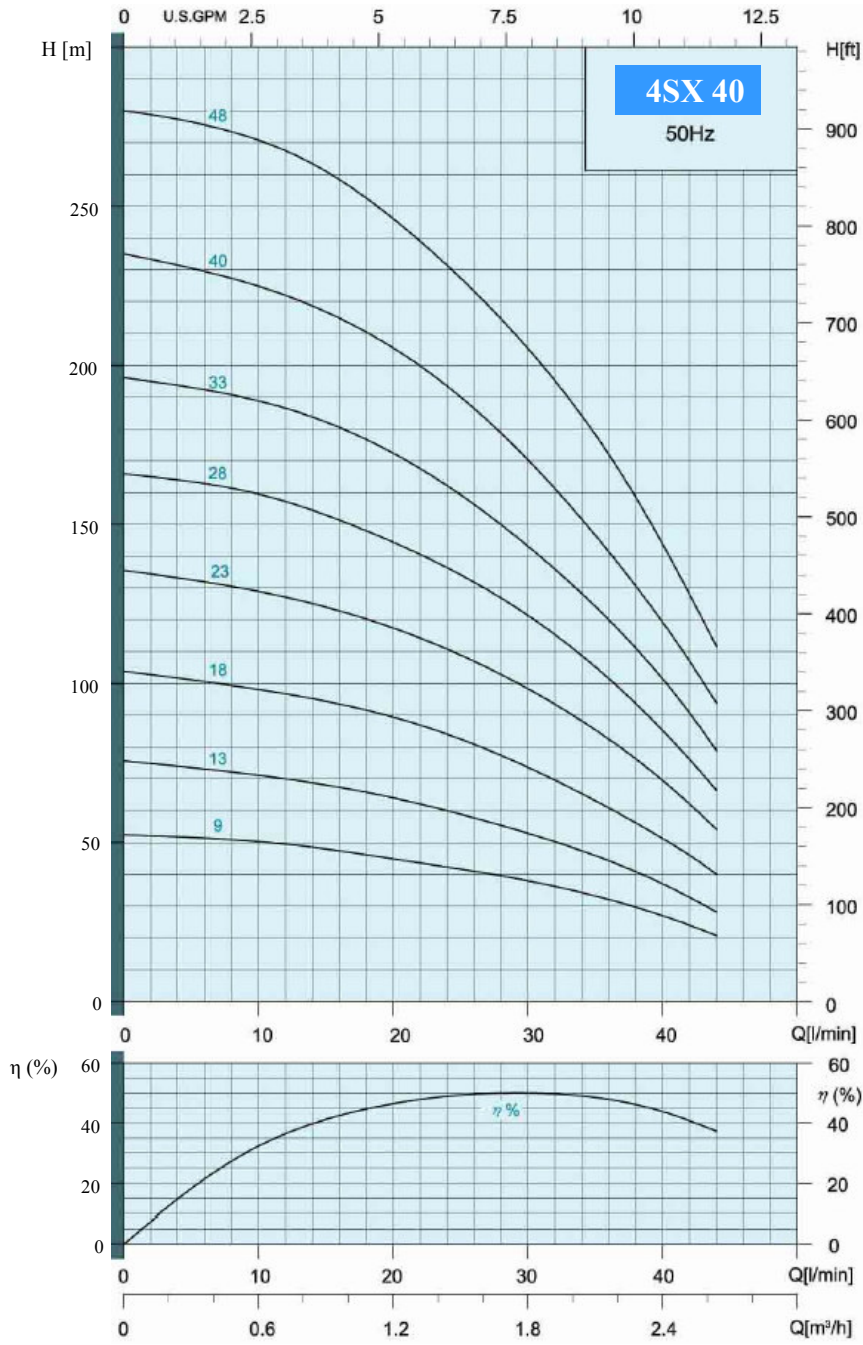
TYPE	P ₂		Q (m ³ /h - l/min)					
			0	0.3	0.6	0.9	1.2	1.5
	kW	HP	H (m)					
4SX 25/09	0.37	0.5	52	48	45	36	27	14
4SX 25/14	0.37	0.5	79	76	68	56	38	21
4SX 25/18	0.55	0.75	102	96	88	72	52	27
4SX 25/21	0.55	0.75	118	112	100	81	58	30
4SX 25/28	0.75	1.0	158	153	138	111	78	42
4SX 25/36	1.1	1.5	205	195	175	134	103	54
4SX 25/42	1.1	1.5	238	235	203	167	118	67

Dimensions (mm)			Net Weight Kg
A	B	C	
356	RP/ NPT 1 1/4"	98	2.9
461		98	3.7
545		98	4.4
608		98	5.0
755		98	6.2
946		98	9.9
1072		98	11.3



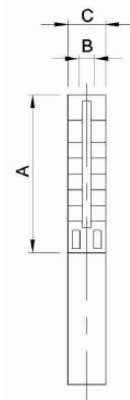
C = Max diameter of pump inclusive of cable guard and motor

40



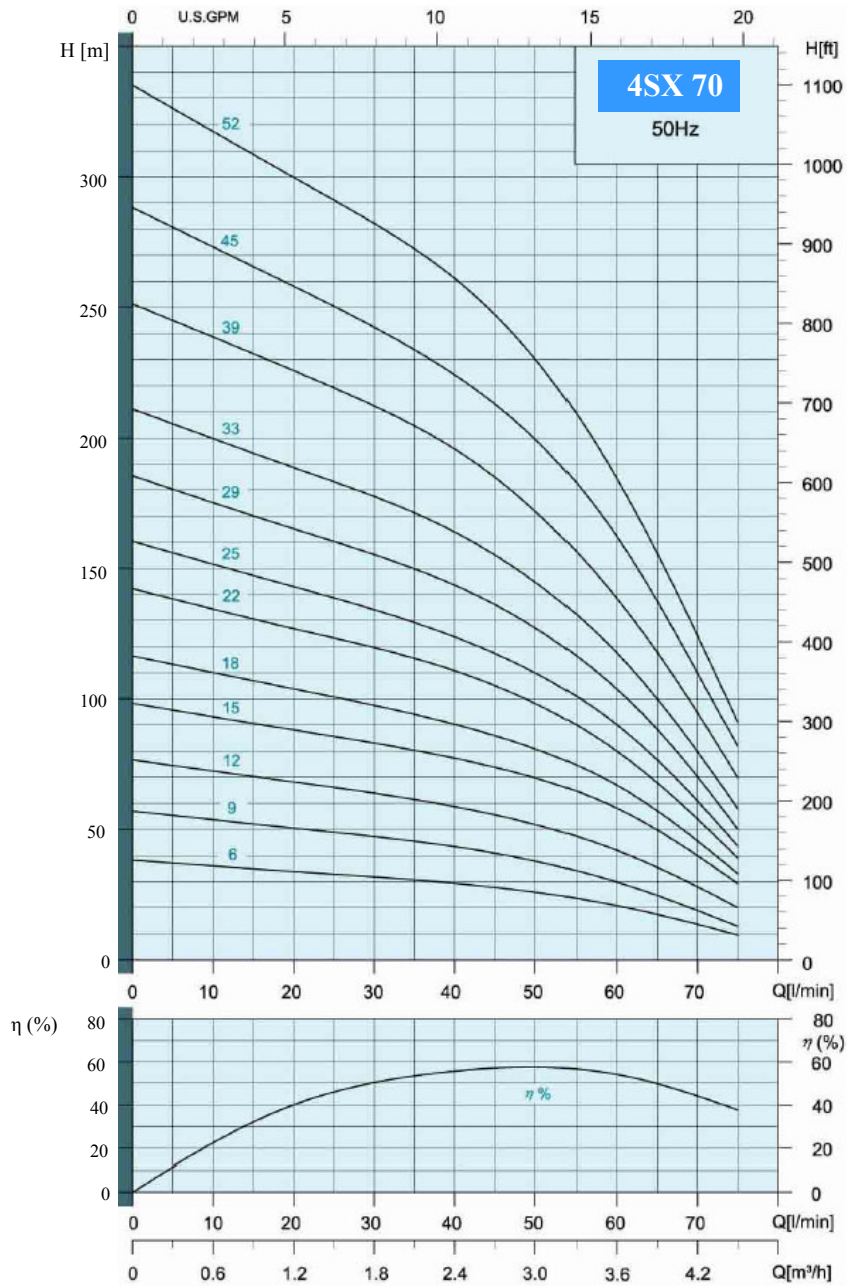
TYPE	P ₂		Q (m ³ /h - l/min)							
			0	0.9	1.2	1.5	1.8	2.1	2.4	
	kW	HP	H (m)							
4SX 40/09	0.37	0.5	53	48	45	42	38	33	26	
4SX 40/13	0.55	0.75	77	68	64	58	54	46	38	
4SX 40/18	0.75	1.0	104	94	89	83	74	64	51	
4SX 40/23	1.1	1.5	136	124	118	108	98	84	69	
4SX 40/28	1.5	2.0	166	154	145	134	122	105	86	
4SX 40/33	1.5	2.0	195	183	173	159	143	124	102	
4SX 40/40	2.2	3.0	235	218	205	190	170	147	119	
4SX 40/48	2.0	3.0	280	261	246	228	204	178	143	

Dimensions (mm)			Net Weight
A	B	C	
356	1 1/4"	98	3.0
440		98	3.8
545		98	4.7
650		98	5.7
755		98	6.6
883		98	9.7
1030		98	11.5
1198		98	13.5

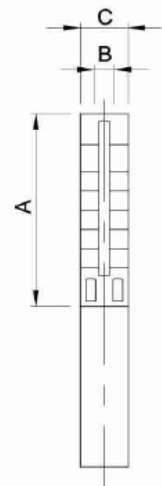


C = Max diameter of pump inclusive of cable guard and motor

70

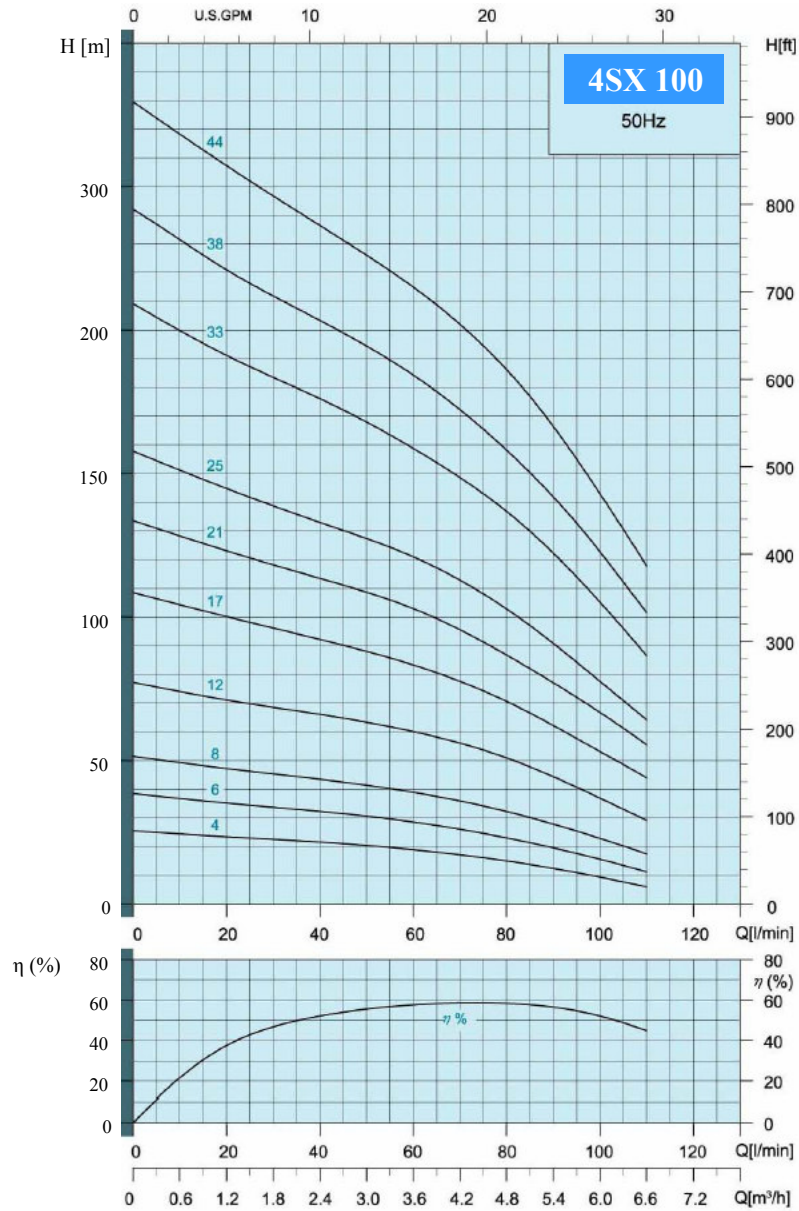


TYPE	P ₂		Q (m ³ /h - l/min)									Dimensions (mm)			Net Weight
			0	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	A	B	C	
	kW	HP	H (m)									1 1/4"			
4SX 70/06	0.37	0.5	38	33	32	31	30	28	26	22	14	293	RP/NPT 1 1/4"	98	2.4
4SX 70/09	0.55	0.75	57	49	47	46	44	41	38	30	19	356		98	3.0
4SX 70/12	0.75	1.0	77	66	64	62	58	56	52	43	28	419		98	3.6
4SX 70/15	1.1	1.5	97	85	83	80	77	74	69	57	40	482		98	4.2
4SX 70/18	1.1	1.5	116	101	97	94	90	85	80	67	45	545		98	4.7
4SX 70/22	1.5	2.0	143	127	120	115	110	105	97	80	54	629		98	5.5
4SX 70/25	1.5	2.0	160	139	134	128	124	117	110	90	60	692		98	6.1
4SX 70/29	2.2	3.0	185	160	155	149	143	136	127	103	70	776		98	6.8
4SX 70/33	2.2	3.0	211	183	177	172	164	155	145	118	80	883		98	9.7
4SX 70/39	3.0	4.0	250	219	213	204	195	185	172	138	94	1009		98	11.2
4SX 70/45	3.0	4.0	288	250	243	233	224	213	199	162	110	1135		98	12.7
4SX 70/52	4.0	5.5	334	291	282	272	261	247	230	184	123	1282		98	14.5

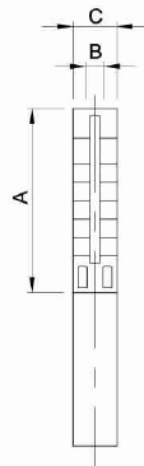


C = Max diameter of pump inclusive of cable guard and motor

100

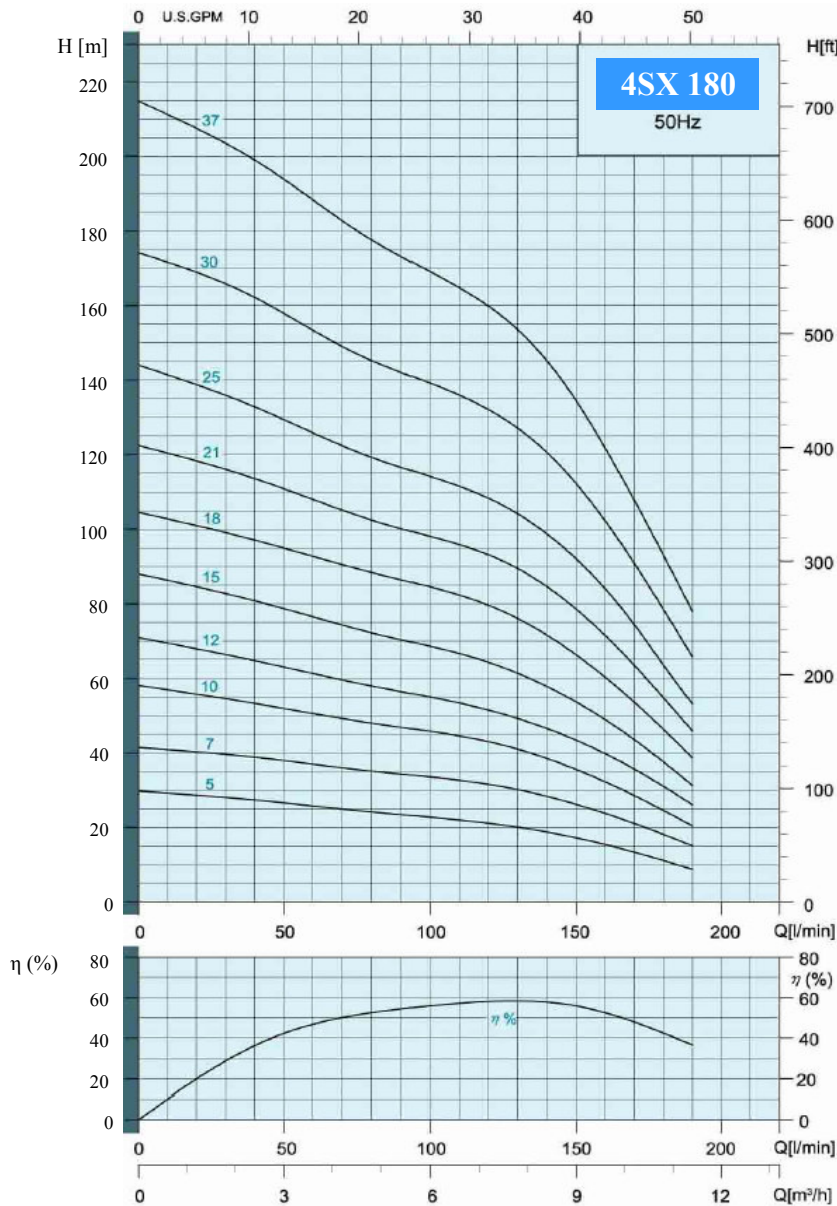


TYPE	P ₂		Q (m ³ /h - l/min)												Dimensions (mm)		Net Weight
			0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	A	B	C	
	kW	HP	0	30	35	40	45	50	60	70	80	90	100	H (m)			
4SX 100/04	0.37	0.5	25	23	22	21	20.5	20	19	17	15	13	10	251	RP/NPT 1 1/4"	98	2.0
4SX 100/06	0.55	0.75	38	34	33	32	31	30	28	26	24	20	16	293		98	2.4
4SX 100/08	0.75	1.0	52	45	44	43	42	41	39	36	33	28	23	335		98	2.8
4SX 100/12	1.1	1.5	77	68	67	66	64	63	60	56	50	44	37	419		98	3.6
4SX 100/17	1.5	2.0	108	96	94	93	90	88	84	77	70	63	54	524		98	4.5
4SX 100/21	2.2	3.0	134	118	115	113	111	108	103	96	87	77	67	608		98	5.3
4SX 100/25	2.2	3.0	157	138	136	133	129	127	121	113	103	90	78	692		98	6.0
4SX 100/33	3.0	4.0	209	184	180	176	172	168	159	149	137	123	105	868		98	9.6
4SX 100/38	4.0	5.5	242	212	208	204	199	194	185	172	158	142	123	973		98	10.9
4SX 100/44	4.0	5.5	279	247	242	237	231	226	215	202	187	166	143	1099		98	12.4



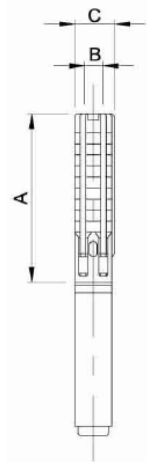
C = Max diameter of pump inclusive of cable guard and motor

180



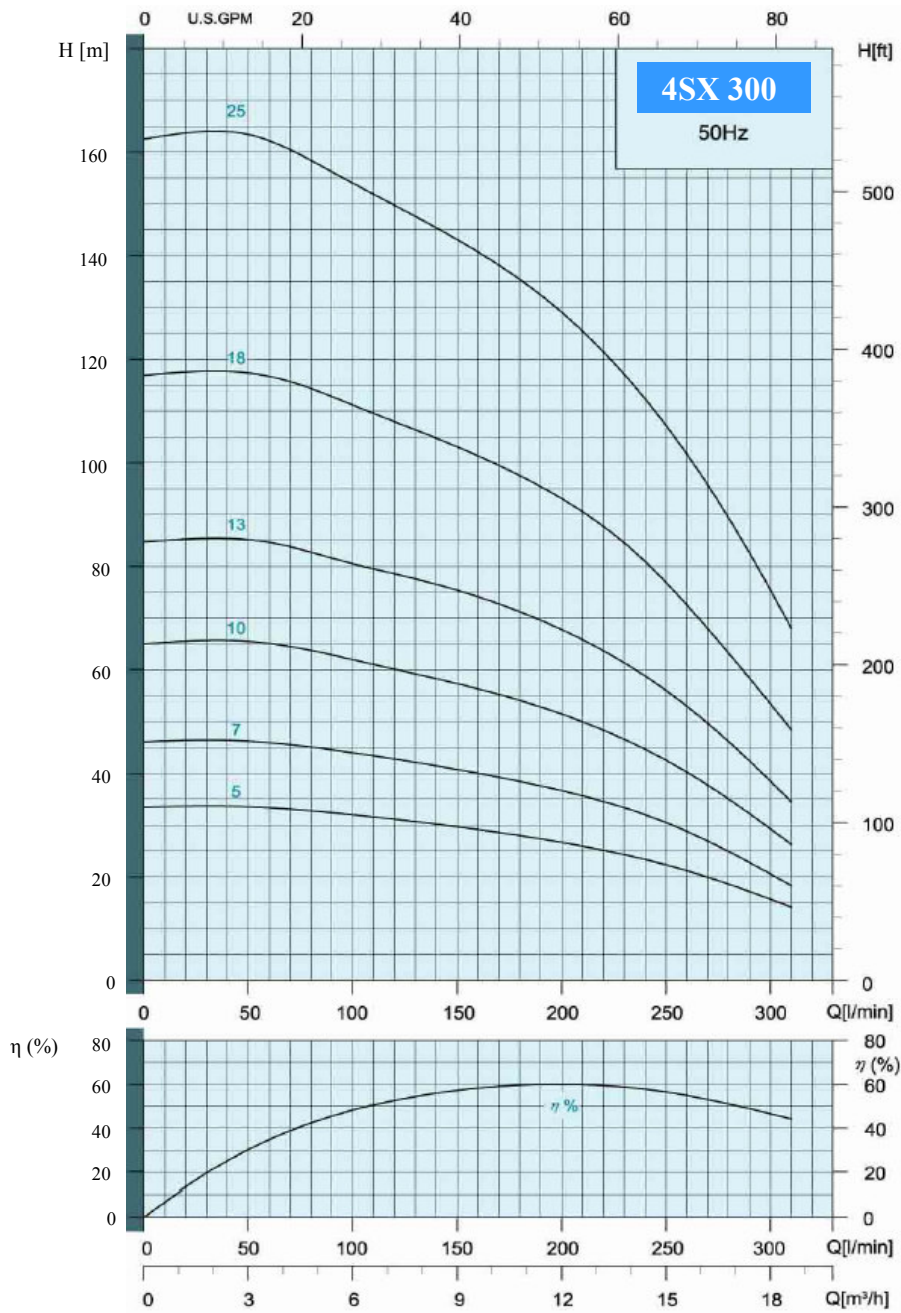
TYPE	P ₂		Q (m ³ /h - l/min)												
			0	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8
	kW	HP	H (m)												
4SX 180/05	0.75	1.0	30	28	27	26	26	25	24	23	22	21	19	15	12
4SX 180/07	1.1	1.5	41	38	37	36	36	35	35	34	34	32	27	24	17
4SX 180/10	1.5	2.0	58	54	53	52	51	49	47	47	46	43	38	32	25
4SX 180/12	2.2	3.0	71	65	64	63	61	60	58	57	55	52	47	40	31
4SX 180/15	2.2	3.0	87	80	79	78	76	74	72	70	68	64	57	49	38
4SX 180/18	3.0	4.0	104	98	96	95	93	90	88	86	84	79	72	60	47
4SX 180/21	4.0	5.5	122	114	113	111	107	105	102	100	98	93	85	72	55
4SX 180/25	4.0	5.5	144	133	131	128	126	123	119	116	114	107	97	84	64
4SX 180/30	5.5	7.5	174	163	160	157	154	149	145	142	139	131	120	103	79
4SX 180/37	5.5	7.5	215	199	196	194	188	183	177	173	169	160	145	122	93

Dimensions (mm)			Net Weight
A	B	C	
412	RP/NPT 2"	98	4.3
496		98	5.3
622		98	6.8
706		98	7.8
832		98	9.3
958		98	10.8
1084		98	12.3
1252		98	14.3
1462		98	16.8
1753		98	20.3

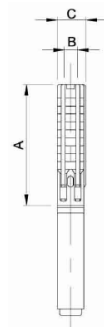


C = Max diameter of pump inclusive of cable guard and motor

300



TYPE	P ₂		Q (m ³ /h - l/min)									Dimensions (mm)			Net Weight
			0	6.0	7.2	8.4	9.6	10.8	12	15	18	A	B	C	
	kW	HP	0	100	120	140	160	180	200	250	300	H (m)			Kg
4SX 300/05	1.5	2.0	33	32	31	30	28	27	26	22	16	505	RP/NPT 2"	98	5.0
4SX 300/07	2.2	3.0	46	44	43	42	40	37	36	30	20	635		98	6.3
4SX 300/10	3.0	4.0	65	62	60	58	57	54	52	43	29	830		98	8.2
4SX 300/13	4.0	5.5	84	80	78	77	74	72	67	56	38	1025		98	10.2
4SX 300/18	5.5	7.5	117	111	108	104	102	97	93	77	54	1350		98	13.4
4SX 300/25	7.5	10	163	154	149	145	141	135	129	107	75	1805		98	17.8



C = Max diameter of pump inclusive of cable guard and motor