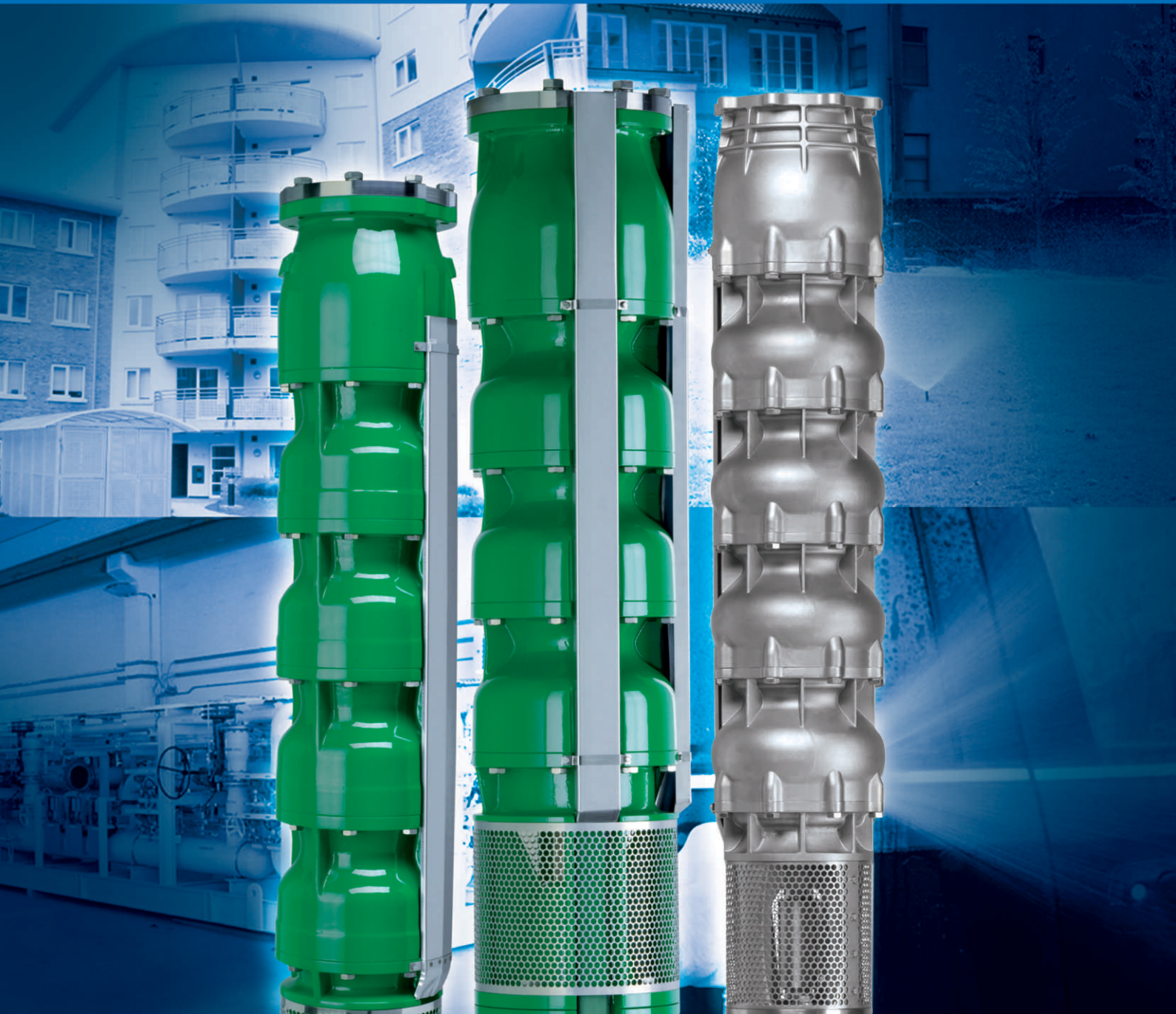


DEEPWELL SUBMERSIBLE PUMPS
EVERGREEN & STAINLESS STEEL
GRAND SERIES - 50Hz







C.R.I. PUMPS

Pumping trust. Worldwide.

T H E B E G I N N I N G

of C.R.I., way back in 1961, was a resolute attempt to produce a few irrigation equipments using the limited facilities of an in-house foundry. Eventually the founder's dream was coming true as the small production unit he started kept growing rapidly. Now, after more than five eventful decades, it is an enormous, widely reputed organization, which produces more than 2300 varieties of perfectly engineered pumps and motors and sells its products in numerous countries spread across 6 continents.

C . R . I . I S O N E A M O N G

the few pioneers in the world to produce 100% stainless steel submersible pumps. Having achieved a record production capacity of over 2 million pumps per annum, today C.R.I. is rubbing its shoulders with the best brands in the world, with advanced technology and safety standards as its hallmarks.

T H E I N F R A S T R U C T U R E

of C.R.I. is pretty comprehensive with state-of-the-art machineries and high potential in-house R&D recognised by the ministry of science and technology, Govt. of India - all within its own covered area of 300,000 square metres. The production environment is accredited with ISO 9001, ISO 14001 & OHSAS 18001 certifications and the products are CE, UR/UL, IEC, TSE & ISI certified. The R&D team always stays in tune with the changing scenario and seldom fails in coming up with outstanding solutions every time.

N E E D L E S S T O S A Y ,

behind this legendary growth lies the untiring, innovative, enthusiastic and dedicated team work. and, of course, a flawlessly maintained value system too. The name C.R.I. itself encapsulates the company's ethos: " Commitment, Reliability, Innovation".





C.R.I. PUMPS
Pumping trust. Worldwide.

Vision, Mission and Values

To be the industry leader providing best - in - class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of **commitment, reliability** and **innovation**.

C O N T E N T S

SUBMERSIBLE PUMPS	Page No.
EVERGREEN GRAND SERIES	
Description	05
Model Identification Code & Pumped liquids	06
Material of Construction	07
Performance Curve Conditions	07
Group performance Curves 8"	08
Group performance Curves 10", 12" & 14"	09
Cross section Drawing 8" & 10"	10
Cross section Drawing 12" & 14"	11
Dimensions & Performance Tables	12-36
Performance Curves	13-37
STAINLESS STEEL GRAND SERIES	
Description	40
Model Identification Code & Pumped liquids	41
Material of Construction	42
Performance Curve Conditions	42
Group performance Curves 8", 10", 12" & 14"	43
Cross section Drawing 8" & 10"	44
Cross section Drawing 12" & 14"	45
Dimensions & Performance Tables	46-64
Performance Curves	47-65
Pipe Friction Loss Table	66-67
Conversion Table	68



**EVERGREEN
GRAND SERIES**

GENERAL INFORMATION

DEEPWELL SUBMERSIBLE PUMPS EVERGREEN - GRAND SERIES

C.R.I. always equips itself in advance to face the exponentially growing technological challenges across the industry and to gain high level of customer satisfaction.

C.R.I. Introduced wide range of Evergreen-Grand Series Submersible Pumps to satisfy the increasing demand of both high flow and high head applications. These pumps are designed and developed using advanced technologies and integrated quality control programs backed by 50 years of profound experience which ensure low life cycle cost. These pumps are manufactured with highest levels of standardization and efficiency of use.

This Evergreen Grand series pumps are available in 8", 10", 12" & 14" nominal diameters with a maximum flow upto 540 m³/h and maximum head upto 490 meters. These pumps are offered with different materials of constructions & variants that are customized to suit customers specific applications in different segments including casted SS impeller constructions.

Features : | Best operating efficiency | Extremely hardwearing water lubricated bearings | Highly durable | Can be easily dismantled and repaired | Can handle more upthrust loads.

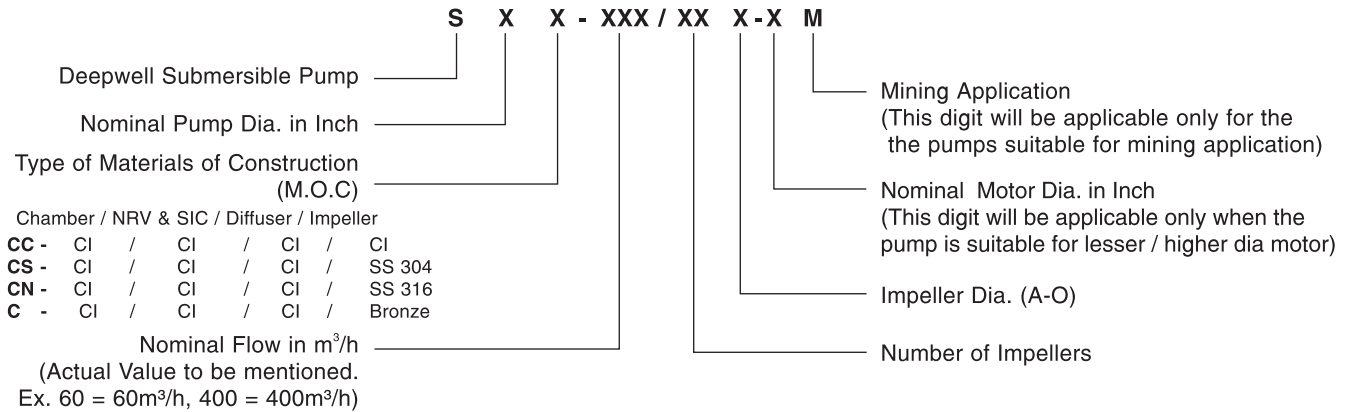
Applications : | Irrigation | Civil Water Supply | Industrial & Rural Water Supply | Fire Fighting | Pressure Boosting Units | Sprinkler Systems | Mining.



EVERGREEN GRAND SERIES

Model Identification Code

MODEL IDENTIFICATION CODE DEEPWELL SUBMERSIBLE PUMP - 50 HZ



Pumped liquids

Clean, thin, non-aggressive, non explosive, clear, cold, fresh water without abrasives, solid particles or fibre having the following characteristics.

a)	Temperature	30°C (max.)
b)	Permissible amount of sand	40g/m ³ (max.)
c)	Chlorine ion density	500 ppm (max.)
d)	Allowable solids	3000 ppm (max.)
e)	Specific gravity	1.004 (max.)
f)	Hardness (Drinking water)	300 (max.)
g)	Viscosity	1mm ² /sec
h)	Turbidity	50 ppm silica scale(max.)
i)	pH	6 to 10

Maximum Temperature of Pumped Liquid

Motor	Minimum cooling flow along the motor	Vertical installation	Horizontal installation minimum 30° angle
8"-14"	0.16 m/s	30°C	30°C

Maximum operating pressure	
8" & 10" Submersible pump	4.9Mpa (49 bar)
12" Submersible pump	3.2Mpa (32 bar)
14" Submersible pump	1.0Mpa (10 bar)

Pump Operating Limitations					
Nominal diameter		8"(150mm)	10"(250mm)	12"(300mm)	14"(350mm)
Power Range in kW		7.5 - 110	11 - 185	45 - 250	37 - 110
Speed in rpm		2900	2900	2900	2900
Max. Discharge	m ³ /h	192	420	540	540
	lps	53	117	150	150
Max. Head	m	488	489	320	106
	ft	1600	1604	1050	348
Outlet Size (BSP)		5"	6"	7"	8"

GENERAL INFORMATION

Materials of Construction

PART NAME	PART No.	NOMINAL DIA . 8"	NOMINAL DIA . 10"	NOMINAL DIA . 12"	NOMINAL DIA . 14"
CHECK VALVE HOUSING	21.00	CI	CI	CI	CI
CHECK VALVE DISC	21.06	SS	CI	CI	CI
DIFFUSER CHAMBER	18.00	CI	CI	CI	CI
IMPELLER	19.00	CI / SS 304 (CASTED) / BRONZE*	CI / SS 304 (CASTED) / BRONZE*	CI / SS 316 (CASTED)	CI
JOURNAL BEARING	18.07	RUBBER	RUBBER	RUBBER	RUBBER
BUSH	18.06	BRASS (GROME PLATED)	BRASS (GROME PLATED)	BRONZE	BRASS (GROME PLATED)
WEAR RING	17.01	RUBBER	RUBBER	BRONZE	BRONZE
SUCTION INTER CONNECTOR	17.00	CI	CI	CI	CI
INLET SCREEN	18.17	SS	SS	SS	SS
PUMP SHAFT	22.00	SS	SS	SS	SS
CABLE GUARD	17.04	SS	SS	SS	SS
COUPLING	22.01	SS	SS	SS	SS

* Optional only for S8CC & S10CC Series

Performance Curve Conditions

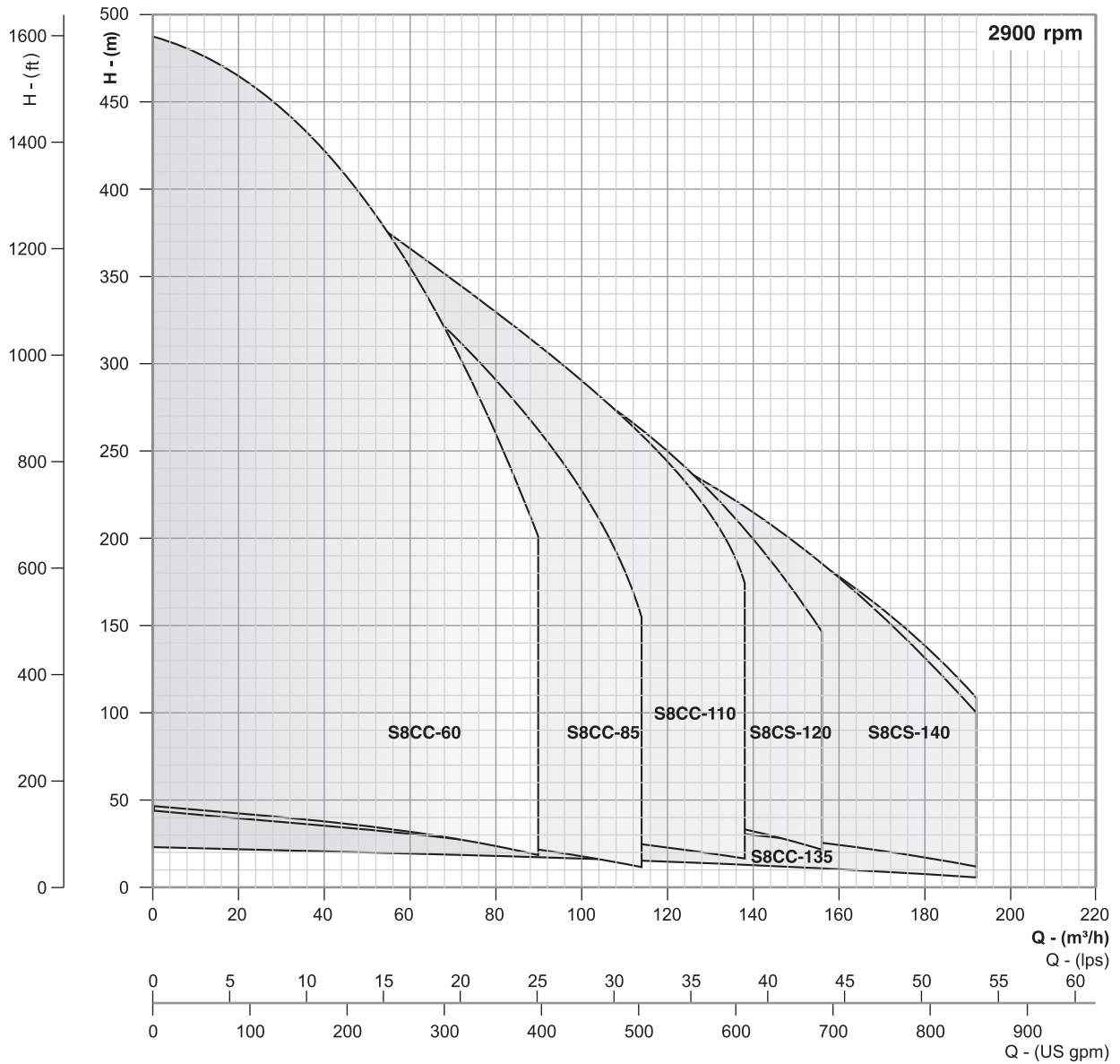
The conditions below apply to the curves shown on the following pages.

- The Performance curves show pump performance at rated speed, voltage.
- The measurements were made with cold water (20°C) at atmospheric pressure (1bar). When pumping liquids with a density higher than that of water, motors with correspondingly higher outputs must be used.
- Pipe friction losses have not been included in the performance curves and performance tables.
- Q/H: The curves are inclusive of suction inter-connector losses at the actual speed.
- "Y- Curve" indicates the NRV loss to be considered while selecting pump.
- Efficiency curve: "η %" shows pump stage efficiency.
- Curve tolerance according to ISO : 9906, Grade 3B.
- The performances are at rated voltage and are only Indicative. Actual discharge depends on availability of water in well, based on strength of water source, height of water column, submergence of pump, etc.,.
- The given performances are for specific materials of construction of pump.
- The outlet size of the pumps are as per GAS/BSP standard.

In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

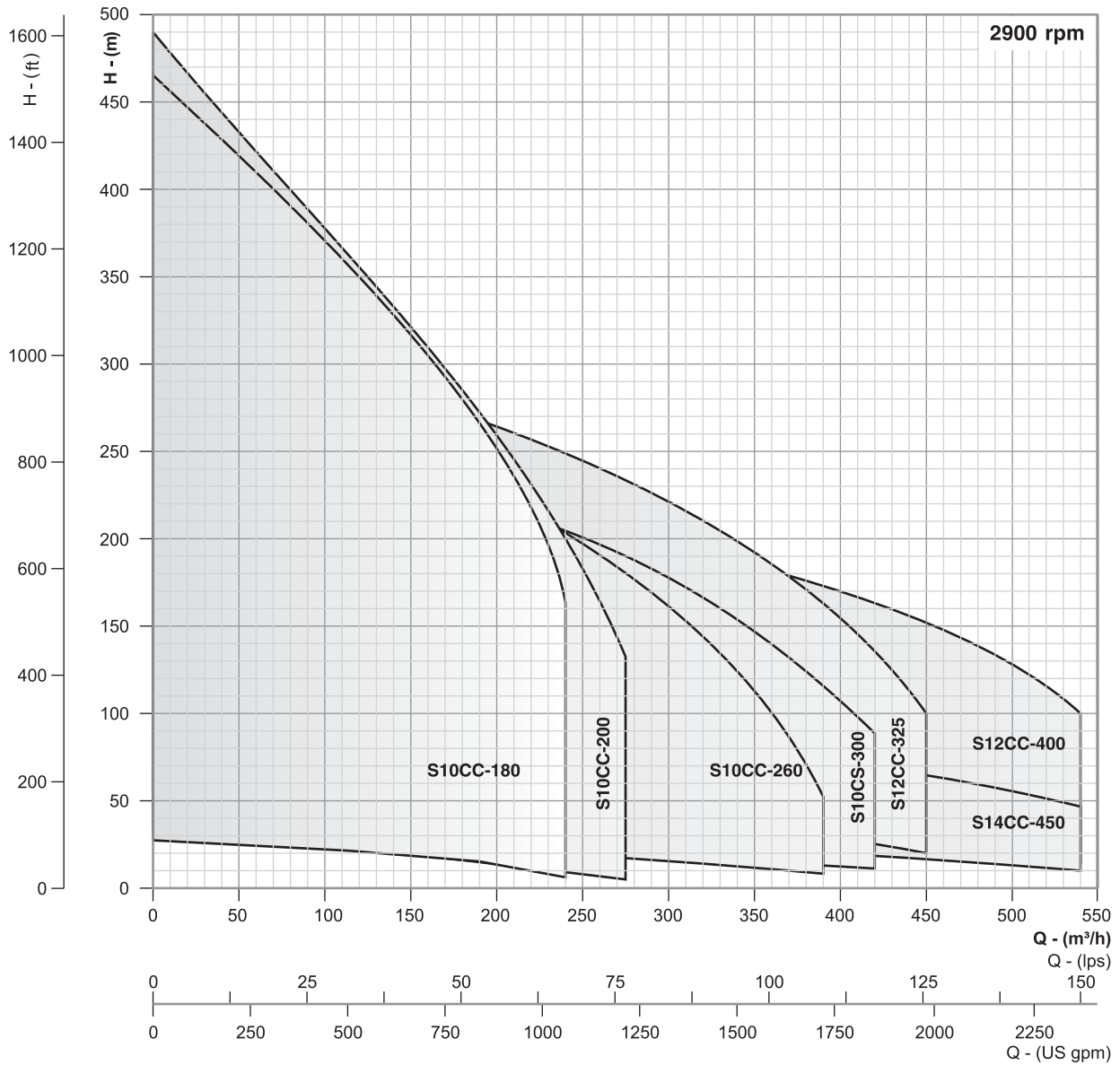
EVERGREEN GRAND SERIES

Group Performance Curves - 8"



GENERAL INFORMATION

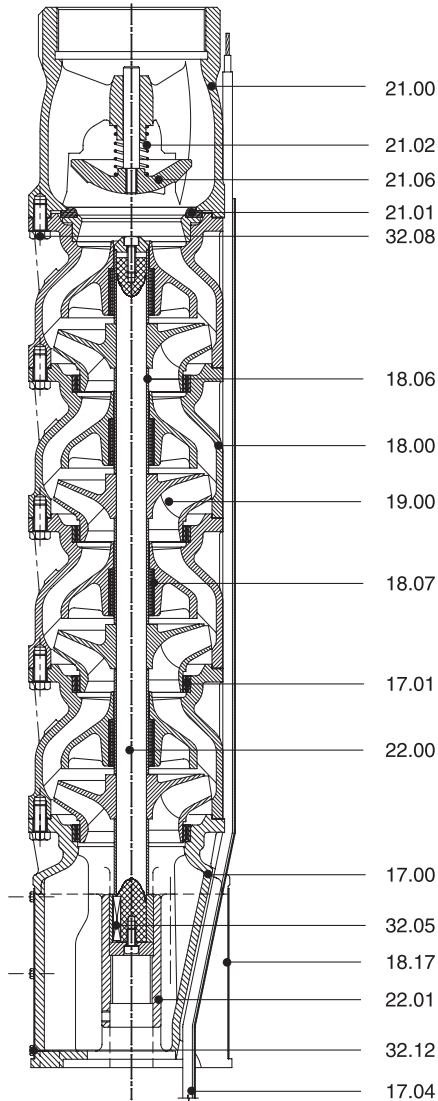
Group Performance Curves - 10", 12" & 14"



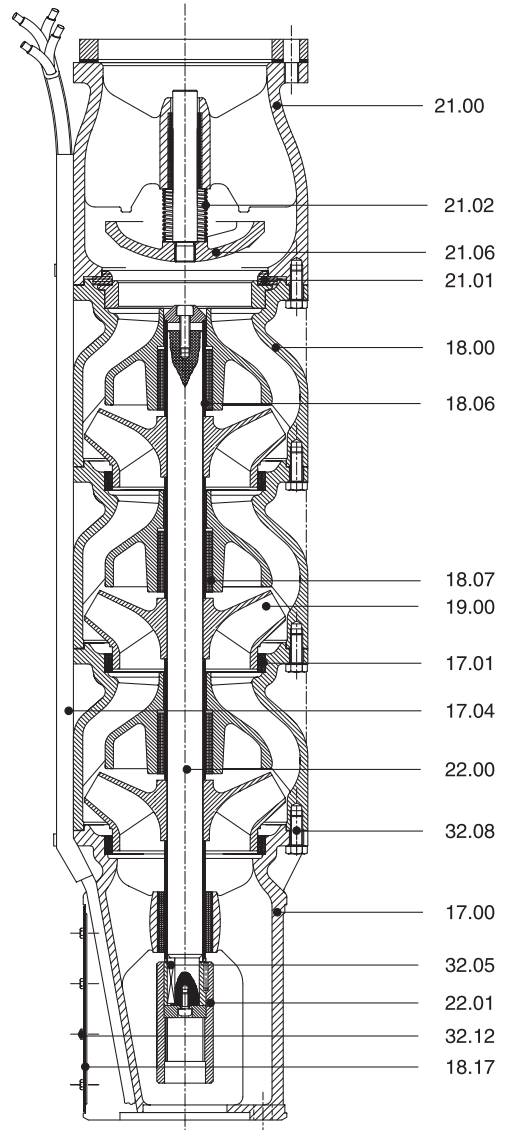
EVERGREEN GRAND SERIES

Cross Sectional Drawing

8" (200mm)



10" (250mm)



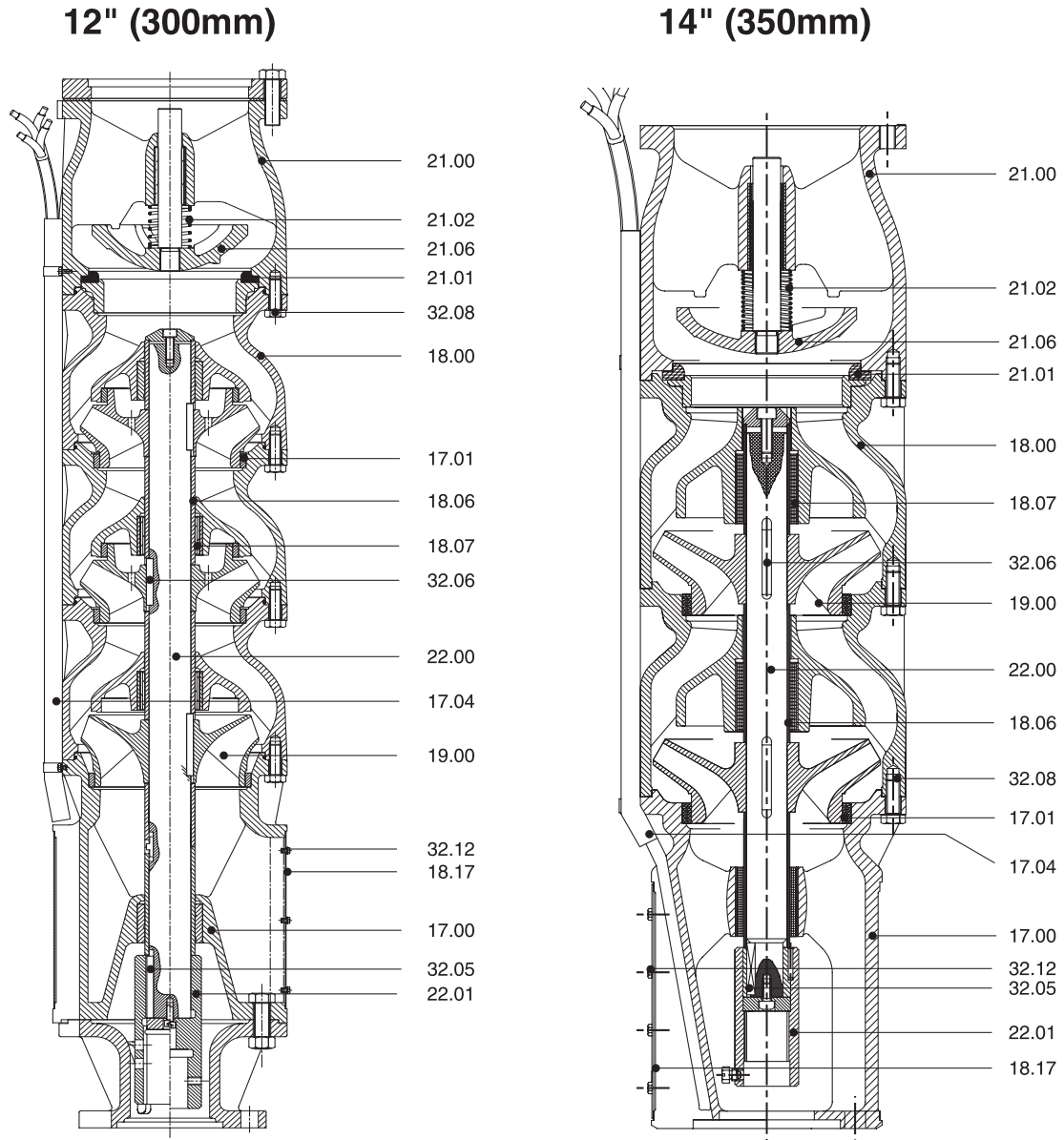
Part No.	Part Name
17.00	Suction Inter Connector
17.01	Wear Ring
17.04	Cable Guard
18.00	Diffuser Chamber
18.06	Bush
18.07	Journal Bearing

Part No.	Part Name
18.17	Inlet Screen
19.00	Impeller
21.00	Check Valve Housing
21.01	Check Valve Seat
21.02	Check Valve Spring
21.06	Check Valve Disc

Part No.	Part Name
22.00	Pump Shaft
22.01	Coupling
32.05	Coupling Key
32.08	Bolt
32.12	Screw

GENERAL INFORMATION

Cross Sectional Drawing



Part No.	Part Name
17.00	Suction Inter Connector
17.01	Wear Ring
17.04	Cable Guard
18.00	Diffuser Chamber
18.06	Bush
18.07	Journal Bearing

Part No.	Part Name
18.17	Inlet Screen
19.00	Impeller
21.00	Check Valve Housing
21.01	Check Valve Seat
21.02	Check Valve Spring
21.06	Check Valve Disc

Part No.	Part Name
22.00	Pump Shaft
22.01	Coupling
32.05	Coupling Key
32.08	Bolt
32.12	Screw

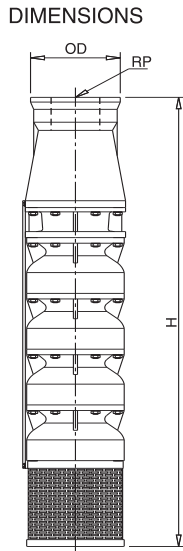
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **60m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CC-60/2F-6	7.5	10	687	5"	196	42
S8CC-60/4H-6	11	15	959	5"	196	63
S8CC-60/4F-6	15	20	959	5"	196	63
S8CC-60/5F-6	18.5	25	1095	5"	196	74
S8CC-60/7G-6	22	30	1367	5"	196	95
S8CC-60/8G-6	26	35	1503	5"	196	105
S8CC-60/8F-6	30	40	1503	5"	196	106
S8CC-60/9E-6	33	45	1639	5"	198	117
S8CC-60/10E-6	37	50	1775	5"	198	128
S8CC-60/11D	45	60	1911	5"	198	140
S8CC-60/13D	55	75	2183	5"	198	161
S8CC-60/15C	66	90	2455	5"	200	183
S8CC-60/16B	75	100	2591	5"	200	195
S8CC-60/19B	92	125	2999	5"	202	227

Performance Table

PUMP MODEL	MOTOR kW	lps	0	6.7	8.3	10	11.7	13.3	15	16.7	18.3	20	21.7	23.3	25
		m ³ /h	0	24	30	36	42	48	54	60	66	72	78	84	90
S8CC-60/2F-6	7.5	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	47	41	39.5	38.5	37	36	34	32	29.5	27	24	21	18.5
S8CC-60/4H-6	11		79.5	69.5	68	65.5	62	58.5	54.5	50.5	45.5	40	35	28	21.5
S8CC-60/4F-6	15		93	82	80	78	75	72	68	64.5	59	53.5	47	41	35
S8CC-60/5F-6	18.5		115	103	100	96.5	93	89	84	79	72.5	65	57	49.5	41.5
S8CC-60/7G-6	22		146	128	125	121	116	112	106	99	89.5	78.5	67	56	45
S8CC-60/8G-6	26		167	146	144	138	133	128	122	113	102	89.5	77	64	51
S8CC-60/8F-6	30		184	164	160	155	149	142	136	127	116	104	91.5	79.5	66.5
S8CC-60/9E-6	33		207	185	180	174	167	160	152	142	130	117	103	89.5	75
S8CC-60/10E-6	37		230	205	200	194	186	178	169	158	145	130	114	99	83.5
S8CC-60/11D	45		272	241	237	230	221	212	202	189	173	156	136	117	98
S8CC-60/13D	55		321	285	280	272	261	251	238	223	204	184	161	139	117
S8CC-60/15C	66		375	340	334	324	313	300	287	270	247	222	194	164	135
S8CC-60/16B	75		411	382	374	363	349	333	316	298	278	255	228	200	170
S8CC-60/19B	92		488	453	444	431	415	396	376	354	330	303	271	238	202

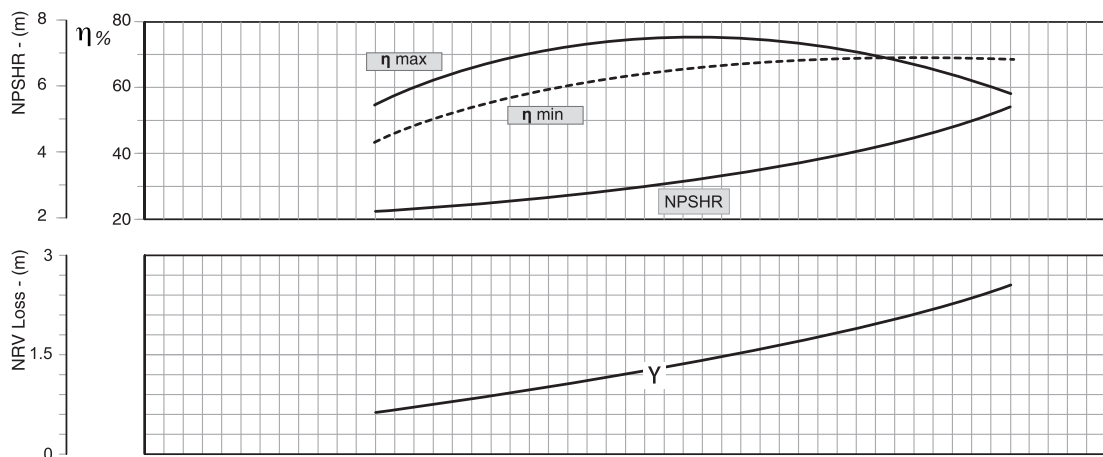
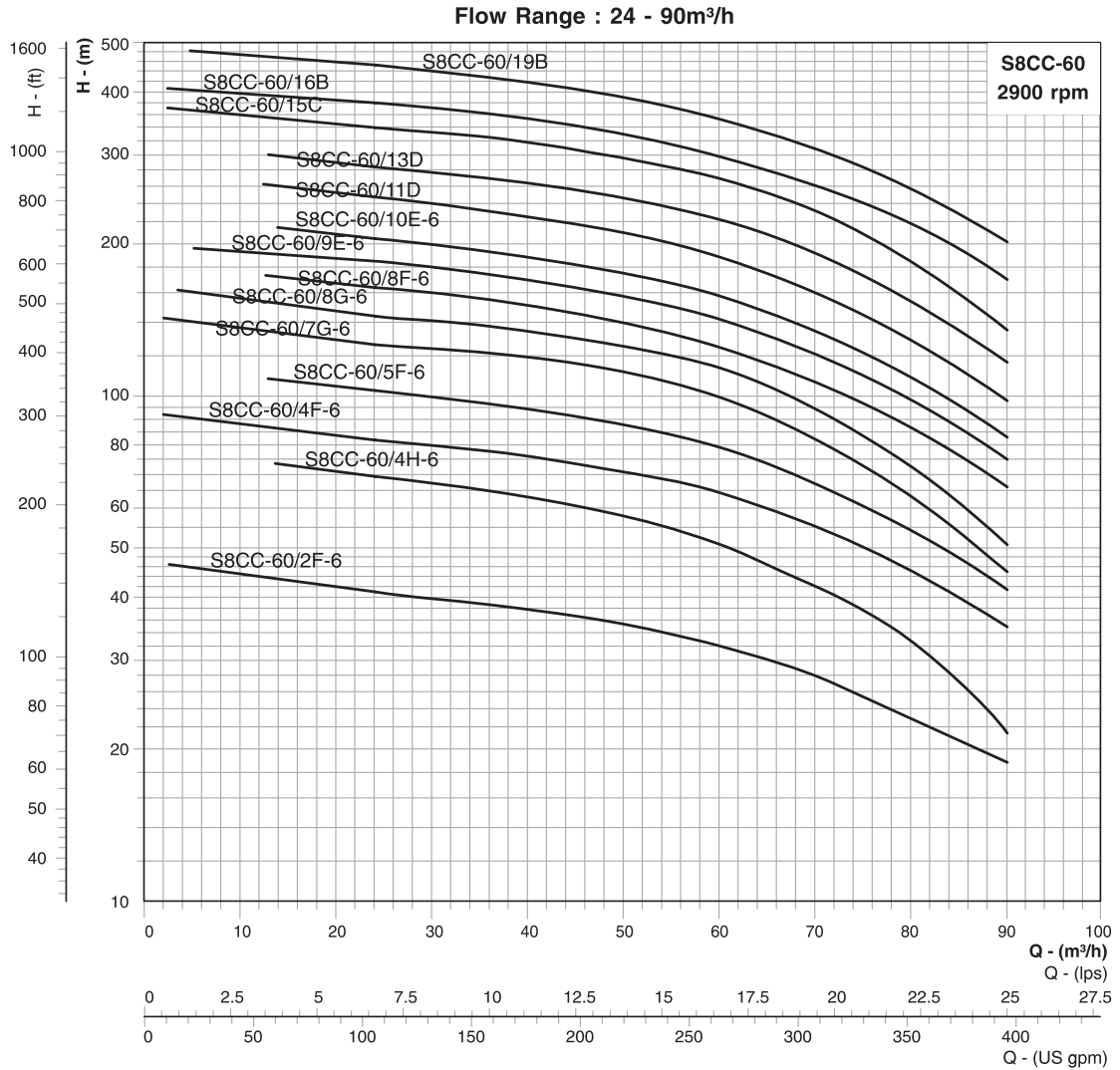
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **60m³/h**

Outlet Size : **5"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

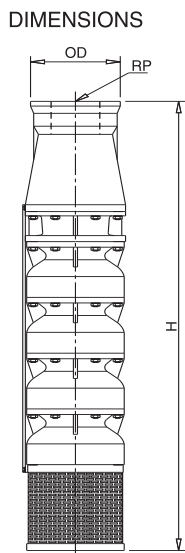
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **85m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CC-85/2F-6	7.5	10	687	5"	196	41
S8CC-85/3F-6	11	15	823	5"	196	52
S8CC-85/3B-6	15	20	823	5"	196	52
S8CC-85/4D-6	18.5	25	959	5"	196	63
S8CC-85/5E-6	22	30	1095	5"	196	73
S8CC-85/6E-6	26	35	1231	5"	196	84
S8CC-85/7E-6	30	40	1367	5"	196	94
S8CC-85/7D-6	33	45	1367	5"	198	95
S8CC-85/7E	33	45	1367	5"	198	95
S8CC-85/8D-6	37	50	1503	5"	198	105
S8CC-85/8E	37	50	1503	5"	198	106
S8CC-85/9C	45	60	1639	5"	198	117
S8CC-85/11C	55	75	1911	5"	198	138
S8CC-85/13C	66	90	2183	5"	200	160
S8CC-85/15C	75	100	2455	5"	200	181
S8CC-85/18C	92	125	2863	5"	202	213

Performance Table

PUMP MODEL	MOTOR kW	MOTOR	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)													
			ips	0	10	15	16.7	18.3	20	21.7	23.6	25	26.7	28.3	30	31.7
		m ³ /h	0	36	54	60	66	72	78	85	90	96	102	108	114	
S8CC-85/2F-6	7.5		44	34.5	30.5	29.5	28	27	25	23	21	18.5	16.5	14	12.5	
S8CC-85/3F-6	11		66	52	46	44	42	40	37.5	35	31.5	27.5	24.5	21.5	18	
S8CC-85/3B-6	15		78.5	63	57	55	53	51	49	46	42.5	38.5	34	30	25	
S8CC-85/4D-6	18.5		103	81.5	73	70	67	65	62.5	58	54	49	43.5	38	32.5	
S8CC-85/5E-6	22		124	99	89	85	81.5	78.5	74.5	69	63	57	50	43.5	36.5	
S8CC-85/6E-6	26		148	119	107	102	98	94	89.5	83	76	68	60	52	43.5	
S8CC-85/7E-6	30		173	139	125	120	116	110	104	97	88.5	79.5	70	61	51	
S8CC-85/7D-6/7E	33		178	145	131	126	121	116	111	105	95	85	75	65	54.5	
S8CC-85/8D-6/8E	37		202	161	145	140	134	128	122	116	105	93.5	81.5	70	57	
S8CC-85/9C	45		237	194	175	169	162	157	150	142	131	117	104	91	76.5	
S8CC-85/11C	55		291	239	215	207	199	192	184	174	160	146	130	114	97	
S8CC-85/13C	66		336	281	257	247	237	229	219	205	190	172	153	134	114	
S8CC-85/15C	75		385	322	294	284	273	263	251	236	218	196	174	152	129	
S8CC-85/18C	92		462	387	353	340	328	315	301	284	261	235	209	183	154	

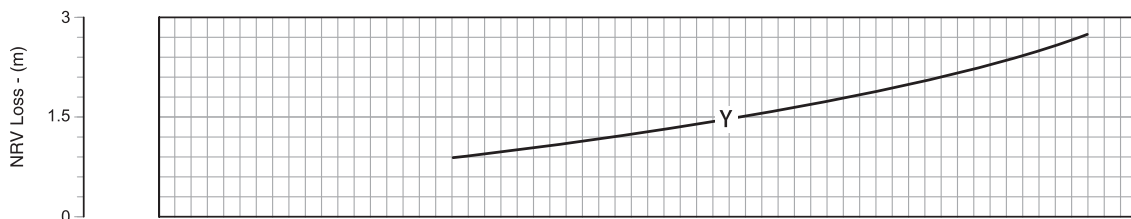
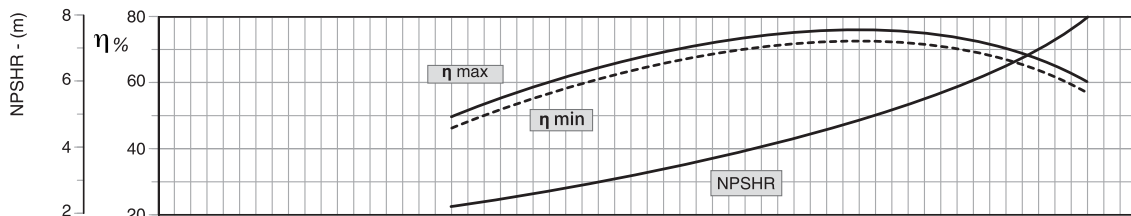
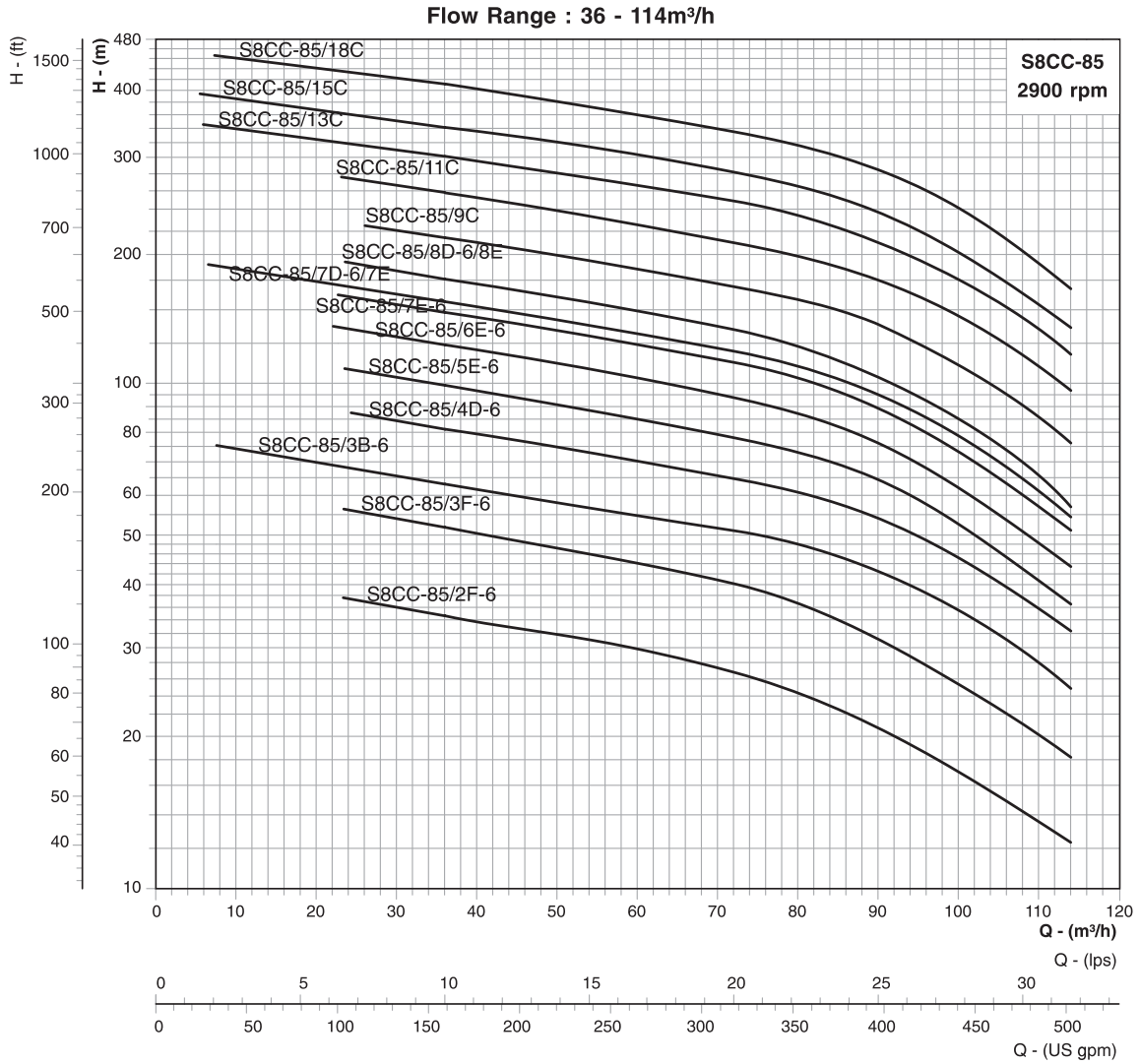
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **85m³/h**

Outlet Size : **5"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

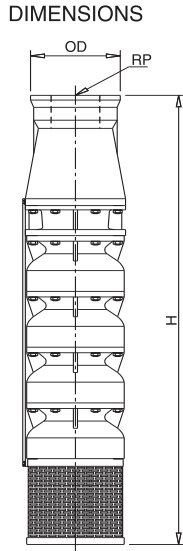
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **110m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CC-110/2N-6	11	15	687	5"	196	43
S8CC-110/2H-6	15	20	687	5"	196	43
S8CC-110/3L-6	18.5	25	823	5"	196	54
S8CC-110/3H-6	22	30	823	5"	196	54
S8CC-110/4I-6	26	35	959	5"	196	65
S8CC-110/5M-6	30	40	1095	5"	196	76
S8CC-110/5H-6	33	45	1095	5"	198	76
S8CC-110/5I	33	45	1095	5"	198	77
S8CC-110/6I-6	37	50	1231	5"	198	87
S8CC-110/6H	45	60	1231	5"	198	88
S8CC-110/9L	55	75	1639	5"	198	121
S8CC-110/11M	66	90	1911	5"	200	143
S8CC-110/12L	75	100	2047	5"	200	154
S8CC-110/15L	92	125	2455	5"	202	187
S8CC-110/18L	110	150	2863	5"	202	220

Performance Table

PUMP MODEL	MOTOR kW	ips	0	10	18.3	21.7	25	26.7	28.3	30.6	31.7	33.3	35	36.7	38.3
		m ³ /h	0	36	66	78	90	96	102	110	114	120	126	132	138
TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	S8CC-110/2N-6	11	50	42	37	35	32	30.5	28.5	27	25	23.5	22	19.5	17.5
	S8CC-110/2H-6	15	56	49.5	45	42.5	40	38.5	37.5	36	34.5	32.5	31	29	26.5
	S8CC-110/3L-6	18.5	78.5	67	58.5	55	51.5	49.5	47	45	42.5	39.5	37	33	30
	S8CC-110/3H-6	22	83	75	68.5	65	61	59	56.5	54	51.5	48.5	45	42	39
	S8CC-110/4I-6	26	107	92	81	76.5	72	69.5	67.5	64	60.5	57.5	53	48.5	45
	S8CC-110/5M-6	30	128	109	95	89	83	79.5	76.5	72	68	63	58.5	53	48.5
	S8CC-110/5H-6/5I	33	137	119	104	98	92	89	85.5	82	78	74	68.5	63	59
	S8CC-110/6I-6	37	159	135	117	110	103	99.5	96	95	86	80	74	68	62
	S8CC-110/6H	45	170	151	133	126	121	117.5	114.5	109	105.5	99.5	93.5	87.5	80
	S8CC-110/9L	55	243	204	179	170	158	152	145	137	130	120	111	102	92
	S8CC-110/11M	66	292	248	214	202	190	183	176	163	157.5	148.5	137.5	124.5	112
	S8CC-110/12L	75	324	274	239	226	210	202	197	180	173	160	148	136	123
	S8CC-110/15L	92	400	335	291	274	256	246	235	218	209	197	179	163	144
	S8CC-110/18L	110	478	408	350	330	309	298	285	270	257	240	222	200	175

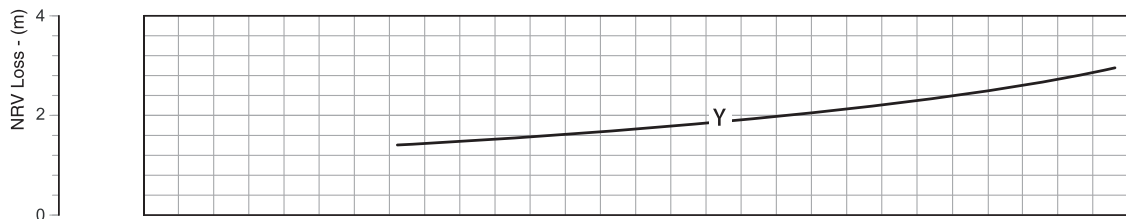
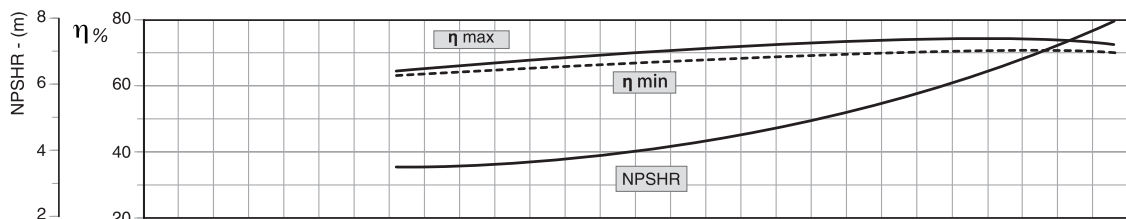
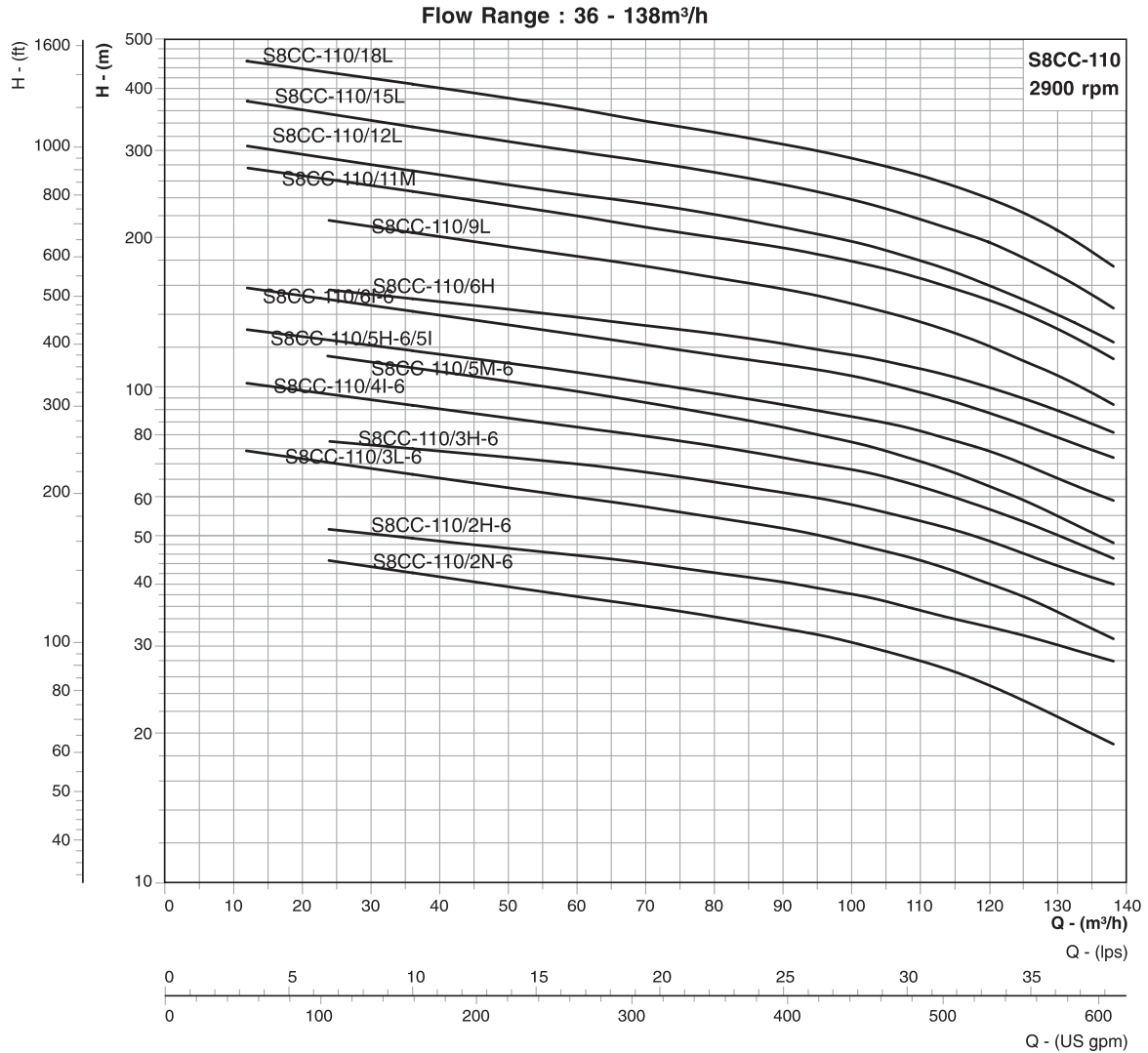
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **110m³/h**

Outlet Size : **5"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

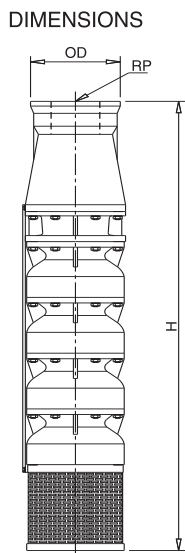
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **120m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CS-120/3G-6	18.5	25	886	5"	196	55
S8CS-120/3B-6	22	30	886	5"	196	55
S8CS-120/4F-6	26	35	1043	5"	196	67
S8CS-120/5I-6	30	40	1200	5"	196	79
S8CS-120/5F-6	33	45	1200	5"	198	79
S8CS-120/6H-6	37	50	1357	5"	198	91
S8CS-120/6B	45	60	1357	5"	198	93
S8CS-120/9L	55	75	1828	5"	198	129
S8CS-120/9B	66	90	1828	5"	200	129
S8CS-120/10B	75	100	1985	5"	200	142
S8CS-120/13E	92	125	2456	5"	202	178
S8CS-120/15C	110	150	2770	5"	202	203

Performance Table

PUMP MODEL	MOTOR kW	lps	0	10	18.3	23.3	26.7	28.3	30.5	31.7	33.3	35	38.3	43.3
		m ³ /h	0	36	66	84	96	102	110	114	120	126	138	156
TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	S8CS-120/3G-6	18.5	69.5	63	57.5	53	50.5	49	46	45	42	39.5	33	22
	S8CS-120/3B-6	22	76	69	64	60.5	57.5	56	52	51.5	49	46	39	27.5
	S8CS-120/4F-6	26	95	87.5	80.5	75.5	72	69.5	65	63.5	60	56	47.5	32.5
	S8CS-120/5I-6	30	112.5	103.5	95	89	84	81.5	77	74	69.5	64.5	53.5	35.5
	S8CS-120/5F-6	33	118	109.5	101.5	95.5	91	88	82	80.5	76	71	60.5	41.5
	S8CS-120/6H-6	37	137.5	126	117	109.5	103.5	100	94	90.5	85	79	66	45
	S8CS-120/6B	45	155.5	144	134.5	127	121	117.5	111	108.5	102.5	96.5	83	59.5
	S8CS-120/9L	55	200.5	186	171.5	161.5	154	149	140	136	127.5	118.5	98.5	66
	S8CS-120/9B	66	225.5	212	196.5	185.5	176.5	171.5	162.5	159	150.5	141.0	121	88
	S8CS-120/10B	75	251	235.5	218	206	196	190.5	180	177	167.5	157	134.5	97.5
	S8CS-120/13E	92	313	294	272	257	244.5	238	227	221	209	196.5	167.5	117.5
	S8CS-120/15C	110	376	353	327.5	309	294	285.5	270	265.5	251	235.5	201.5	146.5

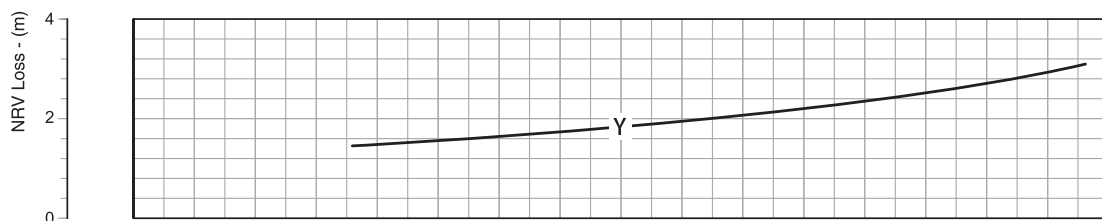
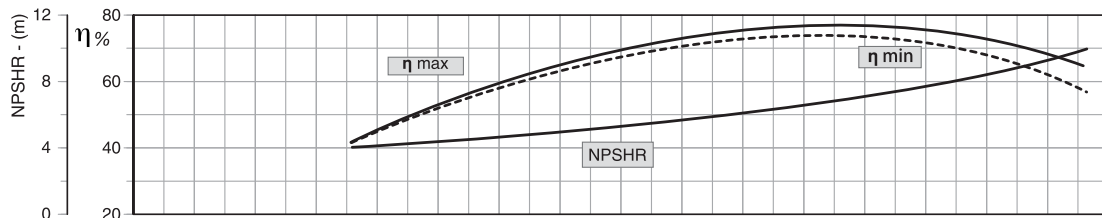
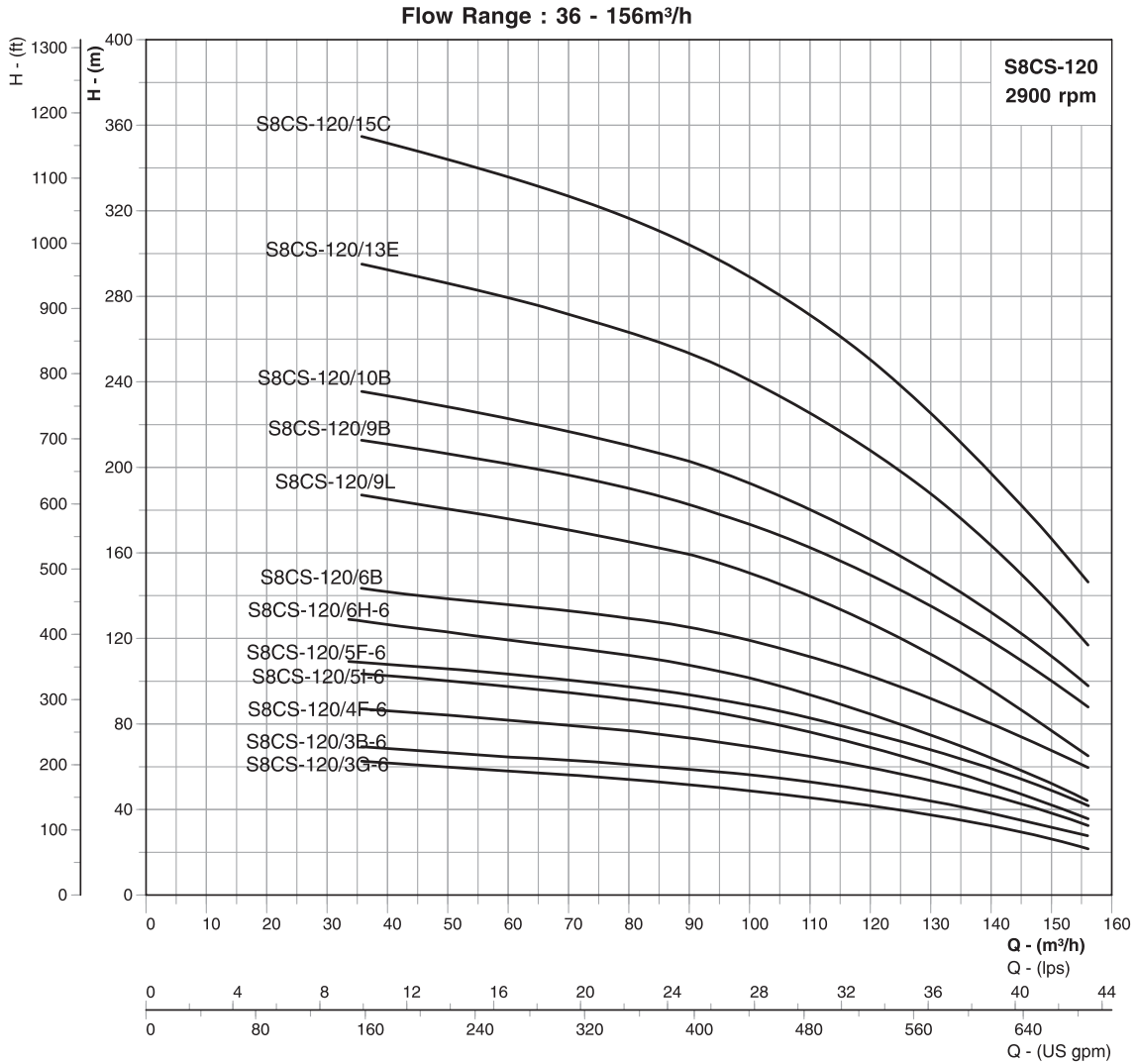
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **120m³/h**

Outlet Size : **5"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

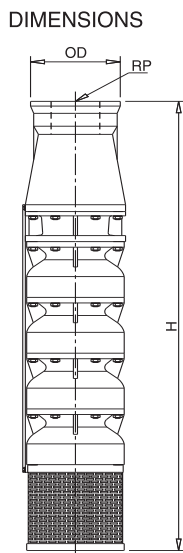
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **135m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CC-135/1B-6	7.5	10	551	5"	196	31
S8CC-135/2A-6	15	20	687	5"	196	41
S8CC-135/3H-6	18.5	25	823	5"	196	50
S8CC-135/3D-6	22	30	823	5"	196	51
S8CC-135/3-6	26	35	823	5"	196	51
S8CC-135/4D-6	30	40	959	5"	196	61
S8CC-135/4C-6	33	45	959	5"	198	61
S8CC-135/5A-6	37	50	1095	5"	198	71
S8CC-135/6B	45	60	1231	5"	198	82
S8CC-135/7A	55	75	1367	5"	198	92
S8CC-135/9B	66	90	1639	5"	200	112
S8CC-135/9C	75	100	1639	5"	200	112
S8CC-135/11	92	125	1911	5"	202	132
S8CC-135/13	110	150	2183	5"	202	152

Performance Table

PUMP MODEL	MOTOR kW	lps	0	13.3	26.7	28.3	30	31.7	33.3	37.5	40	43.3	46.7	50	53.3
		m ³ /h	0	48	96	102	108	114	120	135	144	156	168	180	192
S8CC-135/1B-6	7.5	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	23.5	20	17	16.5	16	15.5	15	13.8	13	11.5	10	9	7
S8CC-135/2A-6	15		47	40	34	33.5	32.5	32	31	28.2	27	24	21	18	13.5
S8CC-135/3H-6	18.5		61.5	54.5	44.5	43.5	41.5	40	38.5	34	30	25			
S8CC-135/3D-6	22		70	60	51.5	50.5	49.5	48	46.5	44	40.5	36.5	31.5	28	22
S8CC-135/3-6	26		75	65	56.5	55	54	53	51.5	49	46	42	37.5	32.5	27.5
S8CC-135/4D-6	30		94	81	69	68.5	67.5	65	63	58	54	48.5	42	36	29.5
S8CC-135/4C-6	33		99	86	74	73	71	69.5	68	63	59.5	54	48	42	35
S8CC-135/5A-6	37		117	99	83.5	82	81	78	76.5	71	66.5	60.5	53	45.5	36
S8CC-135/6B	45		140	122	106	103	101	98	95	87	82	74.5	66.5	56	44
S8CC-135/7A	55		170	150.5	127.5	126	122.5	120	116	105	101	91	81	70	58
S8CC-135/9B	66		208	181	156	152	149	146	142	131	123.5	110.5	98.5	82.5	66.5
S8CC-135/9C	75		222	198	175	171	168	163	159	49	138	125	110	93	73
S8CC-135/11	92		277	241	212	208	204	200	194.5	180	169.5	152.5	134.5	115.5	93.5
S8CC-135/13	110	335	296	259	254	249	243	236	218	204	185	163	138	109	

EVERGREEN GRAND SERIES

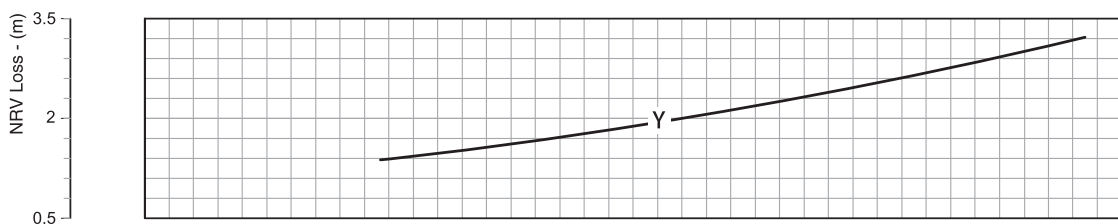
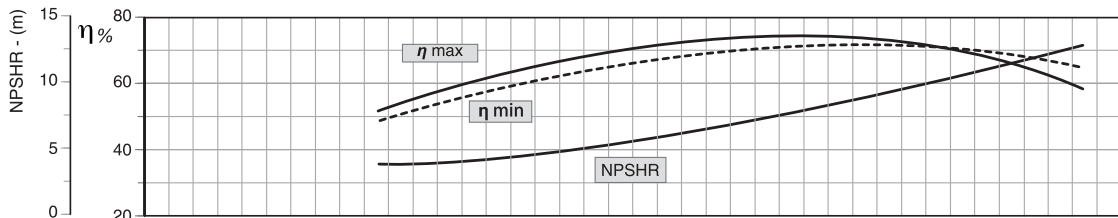
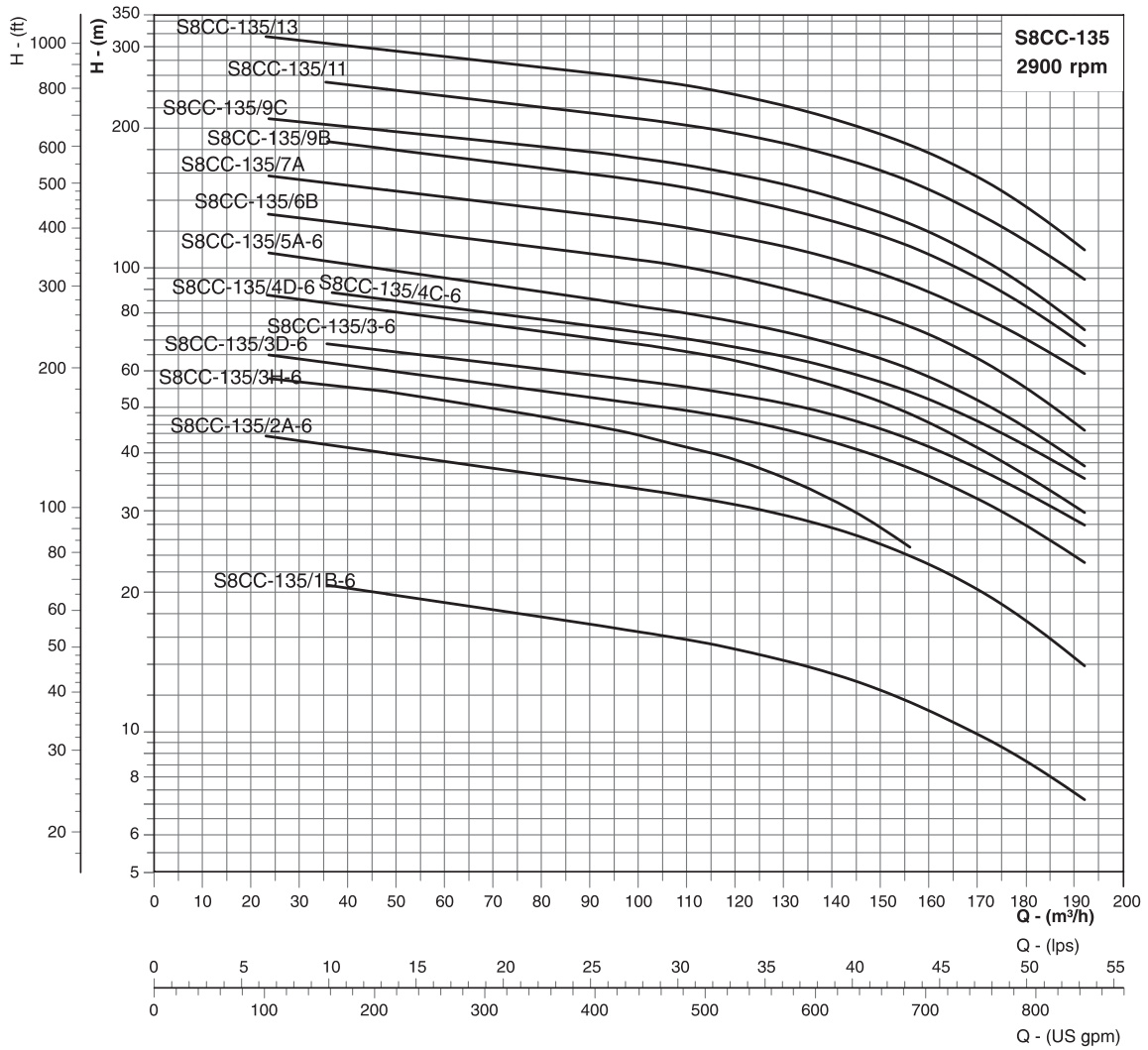
Nominal Diameter : **8"**

Nominal Flow : **135m³/h**

Outlet Size : **5"**

Performance Curves

Flow Range : 48 - 192m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

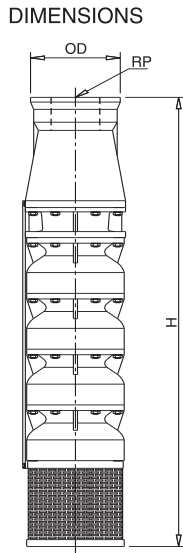
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **140m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8CS-140/2F-6	15	20	729	5"	196	43
S8CS-140/3N-6	18.5	25	886	5"	196	55
S8CS-140/3B-6	26	35	886	5"	196	55
S8CS-140/4E-6	30	40	1043	5"	196	67
S8CS-140/4C-6	33	45	1043	5"	198	67
S8CS-140/5F-6	37	50	1200	5"	198	79
S8CS-140/6F	45	60	1357	5"	198	93
S8CS-140/7E	55	75	1514	5"	198	105
S8CS-140/9G	66	90	1828	5"	200	129
S8CS-140/9C	75	100	1828	5"	200	129
S8CS-140/11C	92	125	2142	5"	202	154
S8CS-140/13C	110	150	2456	5"	202	178

Performance Table

PUMP MODEL	MOTOR kW	ips	0	10	20	26.7	30	33.3	36.7	38.9	43.3	46.7	50	53.3
			m ³ /h	0	36	72	96	108	120	132	140	156	168	180
TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	S8CS-140/2F-6	15	52	46	41	38.5	36.5	34.5	32	31	25	39.5	16.5	12
	S8CS-140/3N-6	18.5	63.5	58.5	53.5	49	45.5	42	37	36	26	46	14	
	S8CS-140/3B-6	26	82.5	75	68.5	64	61	58	54.5	52	43	36	29.5	22
	S8CS-140/4E-6	30	101	90	82	76.5	72.5	68.5	63	59	49.5	41.5	33	24
	S8CS-140/4C-6	33	106	95	88	82	78	73.5	68	64.5	54	45.5	36.5	26.5
	S8CS-140/5F-6	37	121.5	111	101.5	94	89	84	77.5	74.5	60	50	39.5	28
	S8CS-140/6F	45	151	135.5	125	116	110.5	104	96.5	91.5	76	64	51.5	38
	S8CS-140/7E	55	181	164	151.5	141.5	135.5	128	119	112.5	94	80	65	49.5
	S8CS-140/9G	66	220	200.5	185	171.5	163	153.5	141.5	132.5	110.5	93	74	54
	S8CS-140/9C	75	238	219.5	201.5	187	178.5	169	158	150	128	110.5	91	69.5
	S8CS-140/11C	92	291	268.5	246.5	228.5	218	206.5	193	182	156.5	135	111	85
	S8CS-140/13C	110	343.5	317	291	270	258	244	228	216	185	159	131.5	100.5

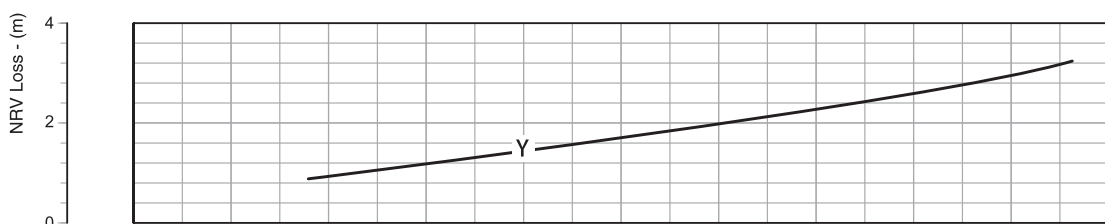
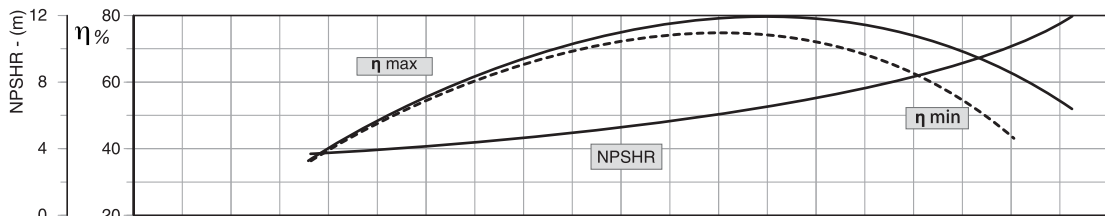
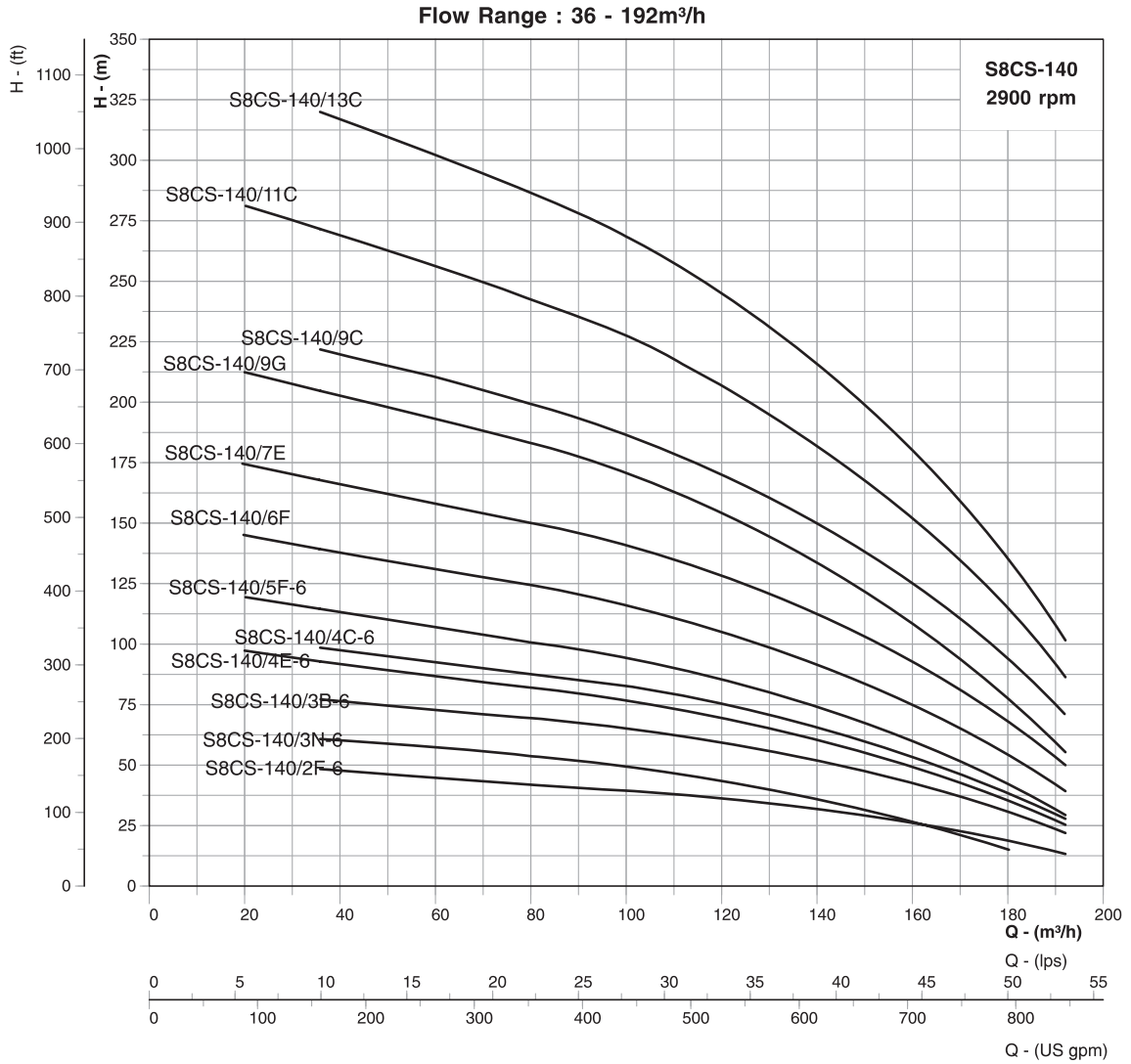
EVERGREEN GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **140m³/h**

Outlet Size : **5"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

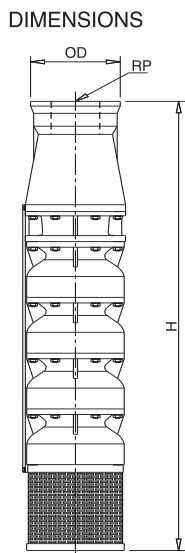
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **180m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10CC-180/1I-6	11	15	687	6"	247	61
S10CC-180/1F-6	15	20	687	6"	247	61
S10CC-180/1B-6	18.5	25	687	6"	247	62
S10CC-180/2I-6	22	30	847	6"	247	82
S10CC-180/2F-6	30	35	847	6"	247	82
S10CC-180/3L-8	37	50	1047	6"	249	108
S10CC-180/3G-8	45	60	1047	6"	249	108
S10CC-180/3C-8	55	75	1047	6"	249	109
S10CC-180/4E-8	66	90	1227	6"	249	129
S10CC-180/4B-8	75	100	1227	6"	249	130
S10CC-180/6F-8	92	125	1587	6"	249	171
S10CC-180/6B	110	150	1671	6"	249	184
S10CC-180/7B	130	175	1851	6"	249	208
S10CC-180/8B	150	200	2031	6"	249	229
S10CC-180/10B	185	250	2391	6"	249	271

Performance Table

PUMP MODEL	MOTOR kW	lps	0	13.3	20	26.7	31.7	36.7	41.7	46.7	50	53.3	56.7	61.7	66.7
		m ³ /h	0	48	72	96	114	132	150	168	180	192	204	222	240
S10CC-180/1I-6	11	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	27.5	24	22.5	21.5	20.5	19	18	16	15	13.5	12	9.5	6.5
S10CC-180/1F-6	15		37	32.5	30.5	29	28	26.5	25	23.5	22	20.5	19	16.5	13
S10CC-180/1B-6	18.5		47.5	39.5	36	33.5	32	30.5	28.5	27	25.5	24.5	23	20.5	17.5
S10CC-180/2I-6	22		55	48.5	46	43.5	41.5	39.5	36.5	33	31	28	24.5	19.5	13
S10CC-180/2F-6	30		74	64.5	61	57.5	55.5	53	50	47	44.5	41.5	38.5	33	26.5
S10CC-180/3L-8	37		91.5	82	78.5	74.5	71.5	68	64	59	55.5	51	46.5	38.5	29
S10CC-180/3G-8	45		105	94.5	90	86.5	83.5	80	76	71.5	67.5	63.5	58.5	50	40
S10CC-180/3C-8	55		136	118	110	104	101	96	91.5	86	82.5	78	73.5	65	55.5
S10CC-180/4E-8	66		157	141	134	128	123	118	113	106	101	94.5	88	76.5	63
S10CC-180/4B-8	75		186	158	148.5	142	137	132	126	119	113	107	98.5	84	65.5
S10CC-180/6F-8	92		223	202	193	186	180	173	164	155	147	138	128	111	90
S10CC-180/6B	110		280	237	223	212	206	198	189	179	170	160	148	126	98.5
S10CC-180/7B	130		326	276	260	248	240	231	221	208	198	187	173	147	115
S10CC-180/8B	150		373	316	297	283	274	264	252	238	227	213	197	168	132
S10CC-180/10B	185		466	394	371	354	343	330	315	298	283	266	246	210	164

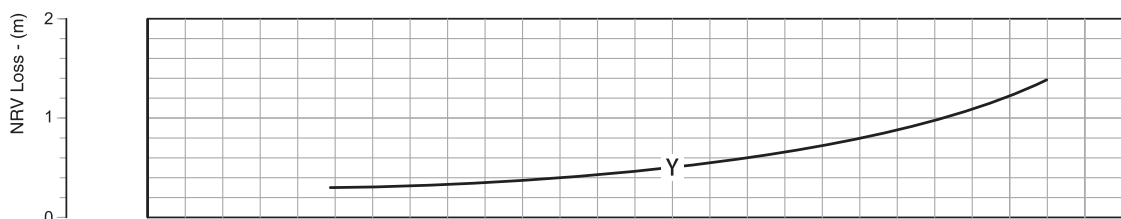
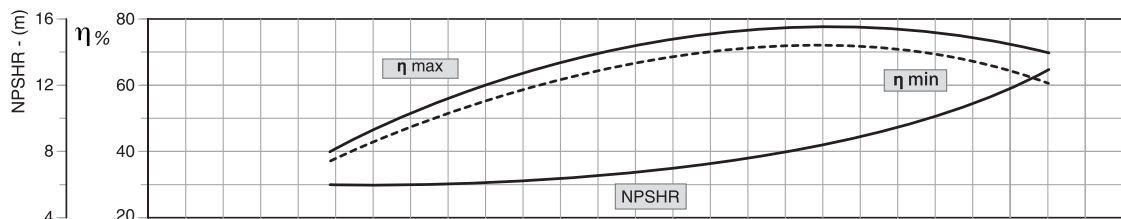
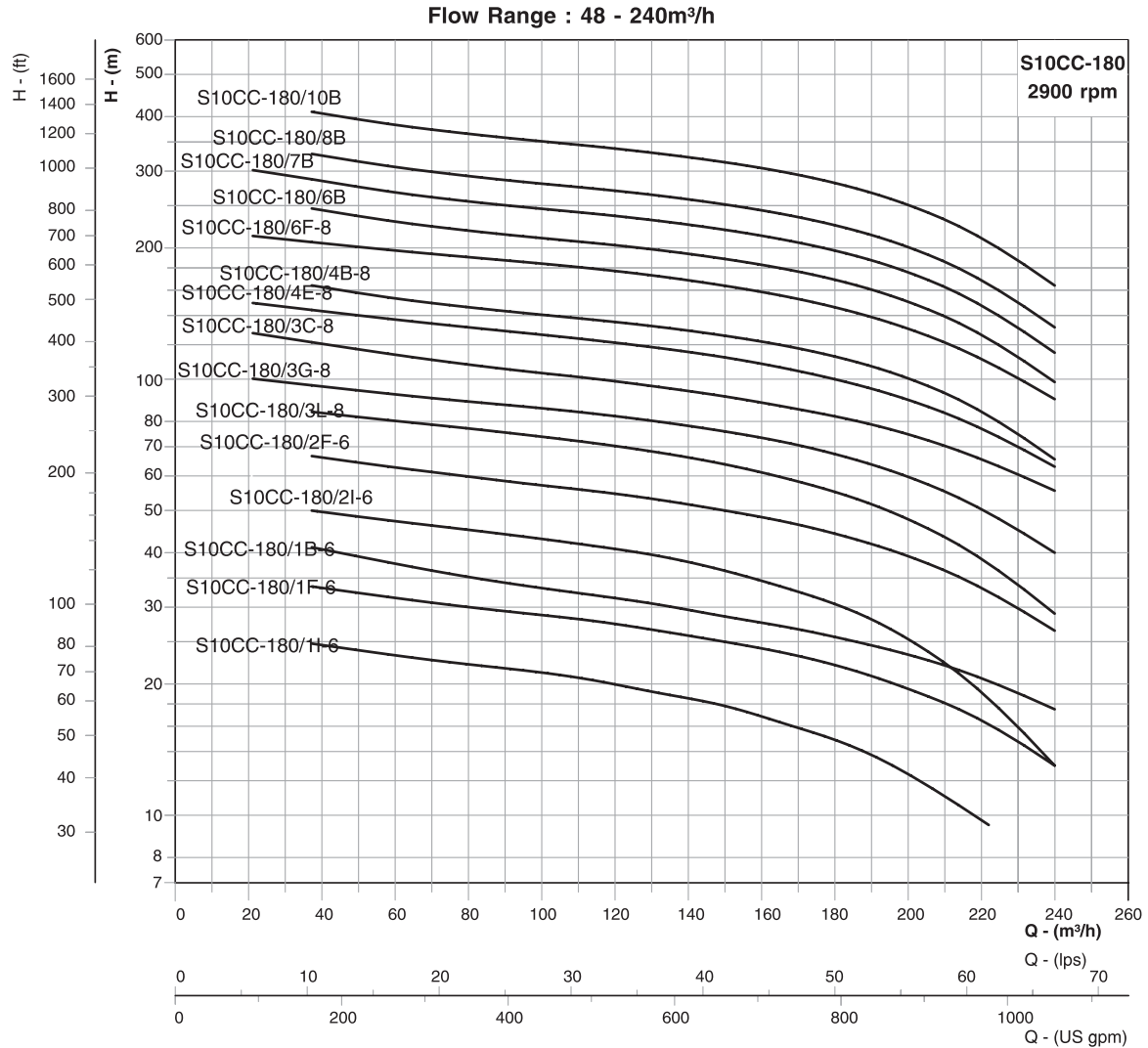
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **180m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

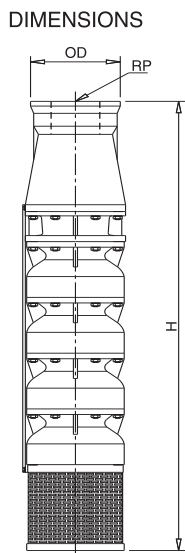
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **200m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10CC-200/1L-6	11	15	687	6"	247	61
S10CC-200/1G-6	15	20	687	6"	247	61
S10CC-200/1C-6	18.5	25	687	6"	247	61
S10CC-200/1A-6	22	30	687	6"	247	62
S10CC-200/2G-6	30	40	847	6"	247	82
S10CC-200/2D-8	37	50	867	6"	249	87
S10C-200/3H-8	45	60	1047	6"	249	108
S10CC-200/3D-8	55	75	1047	6"	249	108
S10CC-200/4F-8	66	90	1227	6"	249	129
S10C-200/4D-8	75	100	1227	6"	249	130
S10CC-200/5D-8	92	125	1407	6"	249	151
S10CC-200/6D	110	150	1671	6"	249	185
S10CC-200/7D	130	175	1851	6"	249	208
S10CC-200/8D	150	200	2031	6"	249	119
S10CC-200/10D	185	250	2391	6"	249	271

Performance Table

PUMP MODEL	MOTOR kW	lps	0	16.7	30	36.7	41.7	46.7	51.7	55	58.3	61.7	66.7	71.7	76.7
		m ³ /h	0	60	108	132	150	168	186	198	210	222	240	258	276
S10CC-200/1L-6	11	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	33	27	23	21.5	20	18	15.5	13.5	11.5	9.5	5.5	-	-
S10CC-200/1G-6	15		39.5	31.5	28	26	25	23.5	21.5	20	18.5	17	13.5	9.5	5
S10CC-200/1C-6	18.5		47	37.5	33	31	29.5	28	26	24.5	23	21	17.5	13.5	8
S10CC-200/1A-6	22		50.5	41	36	34	32.5	31	29	27.5	25.5	23.5	20	15.5	10.5
S10CC-200/2G-6	30		79.5	63.5	55.5	52.5	50	47	43.5	40.5	37.5	33.5	27	19	-
S10CC-200/2D-8	37		95	79.5	70	66	63	59.5	55.5	52.5	49.5	46	40	33.5	25.5
S10C-200/3H-8	45		119	99.5	87.5	81.5	77	72	65.5	61	56	50.5	40.5	29.5	16.5
S10CC-200/3D-8	55		143	119	105	99	94.5	89	83	79	74	69	60	50	38
S10CC-200/4F-8	66		170	144	127	120	114	107	98.5	92.5	86	79	66.5	52	35
S10C-200/4D-8	75		190	159	140	132	126	119	111	105	99	92	80.5	66.5	51
S10CC-200/5D-8	92		244	206	180	169	160	150	140	132	124	115	101	84.5	66
S10CC-200/6D	110		293	247	216	202	192	180	168	159	149	138	121	102	79.5
S10CC-200/7D	130		342	288	253	236	224	210	195	185	174	161	141	118	92.5
S10CC-200/8D	150		391	329	289	270	256	240	223	211	198	184	161	135	106
S10CC-200/10D	185		489	412	361	337	320	300	279	264	248	230	201	169	133

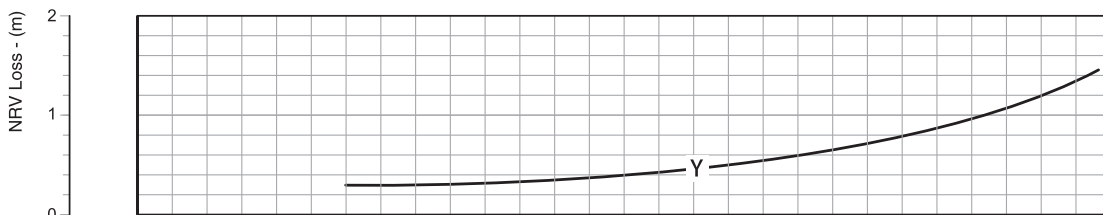
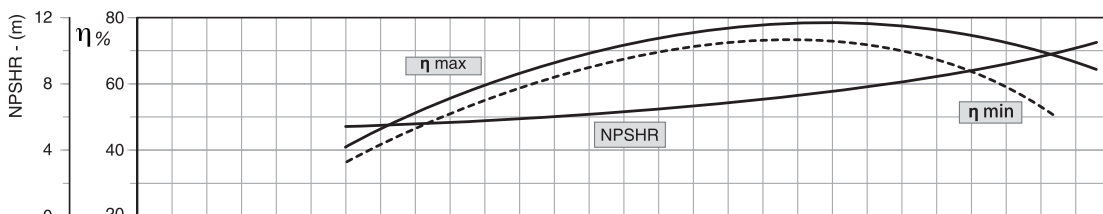
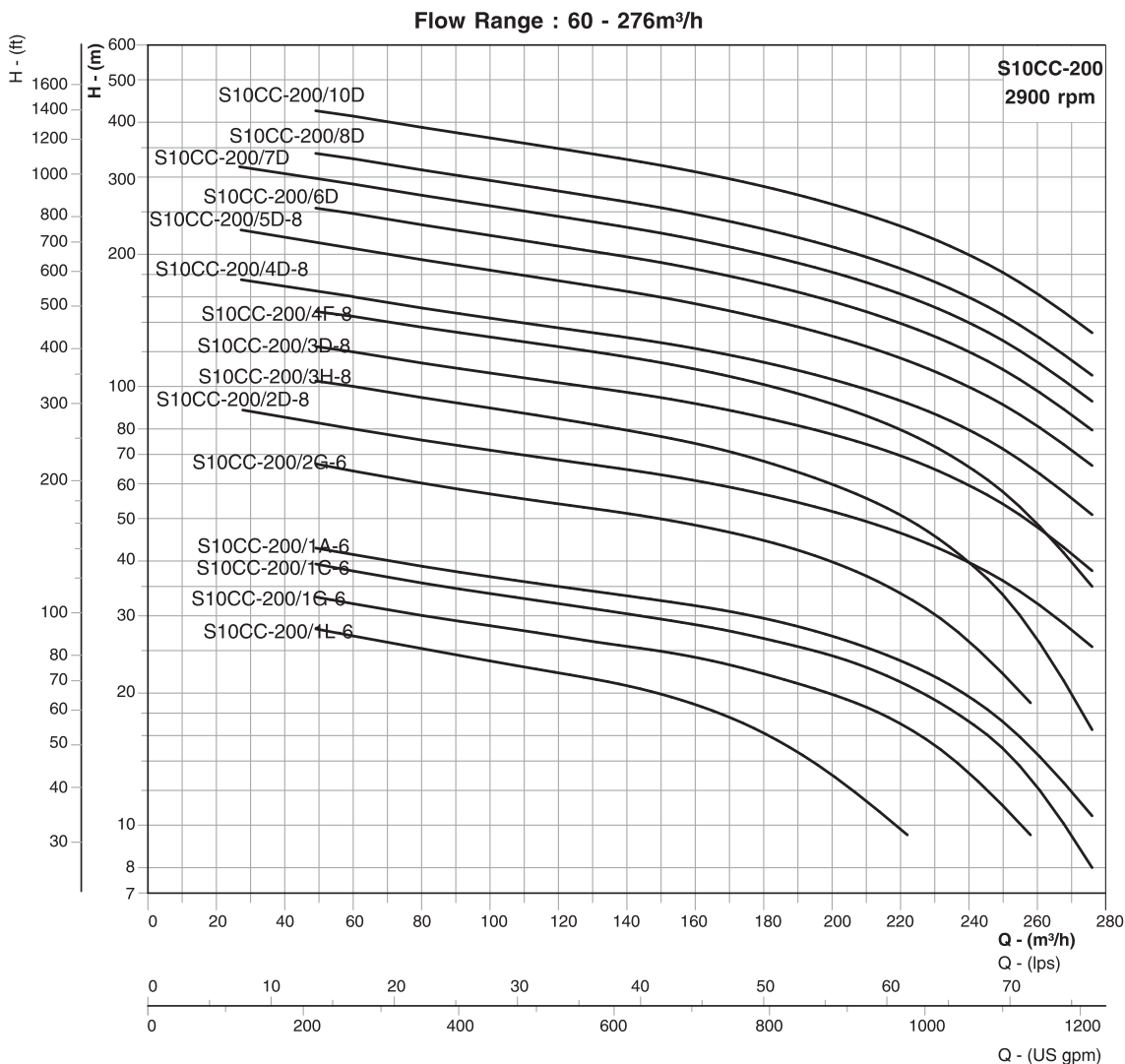
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **200m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

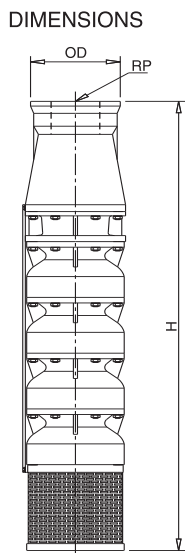
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **260m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10CC-260/1Q-6	18.5	25	687	6"	247	61
S10CC-260/1L-6	22	30	687	6"	247	61
S10CC-260/1C-6	30	35	687	6"	247	61
S10CC-260/2P-8	37	50	867	6"	249	86
S10CC-260/2M-8	45	60	867	6"	249	86
S10CC-260/2D-8	55	75	867	6"	249	87
S10CC-260/3I-8	66	90	1047	6"	249	108
S10CC-260/3G-8	75	100	1047	6"	249	108
S10CC-260/3B-8	92	125	1047	6"	249	109
S10CC-260/4D	110	150	1311	6"	249	130
S10CC-260/5F	130	175	1491	6"	249	151
S10CC-260/5A	150	200	1491	6"	249	151
S10CC-260/7F	185	250	1851	6"	249	208

Performance Table

PUMP MODEL	MOTOR kW	lps	0	25	33.3	41.7	50	58.3	66.7	72.3	79.2	83.3	91.7	100	108.3
		m ³ /h	0	90	120	135	180	210	240	260	285	300	330	360	390
TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	S10CC-260/1Q-6	18.5	33	28	26.5	24.5	22.5	20.5	18.5	17.3	15	14	-	-	-
	S10CC-260/1L-6	22	38	32.5	30.5	28.5	26.5	25	23	22	19.5	18.5	15.5	-	-
	S10CC-260/1C-6	30	46.5	38	36	34	32	30.5	28.5	27	25.5	24	21.5	18.5	-
	S10CC-260/2P-8	37	66.5	59	55.5	52	48.5	45	41	37	33.5	31	24	16	-
	S10CC-260/2M-8	45	75	68	65	61.5	58	54	49.5	46	42	39.5	33	23	-
	S10CC-260/2D-8	55	93.5	80	75.5	72	68.5	64.5	60.5	58	53	50.5	43	35	26.5
	S10CC-260/3I-8	66	121	106	101	95	89	83.5	77	72.5	66	61.5	52	40	26
	S10CC-260/3G-8	75	128	110	105	99.5	94.5	89.5	84	79.5	73	68.5	58.5	46	28.5
	S10CC-260/3B-8	92	146	130	124	118	113	107	101	97	89	85	72	59.5	43
	S10CC-260/4D	110	188	159	152	145	139	133	126	121	113	107	90.5	72.5	45.5
	S10CC-260/5F	130	221	191	182	173	165	155	147	140	128	121	101	75.5	47
	S10CC-260/5A	150	245	208	198	190	182	174	166	160	149	143	123	97.5	67
	S10CC-260/7F	185	315	257	246	237.5	227.5	217.5	205	189	178	166	136.5	99.5	53

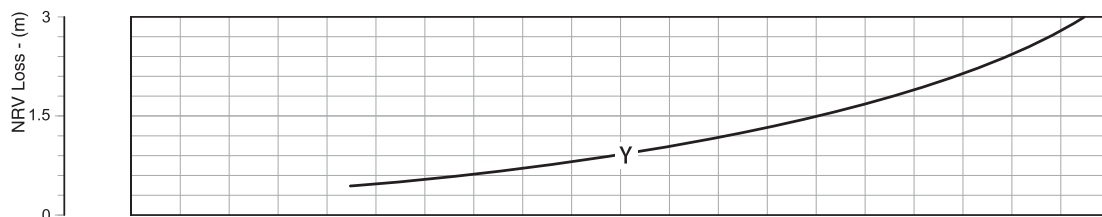
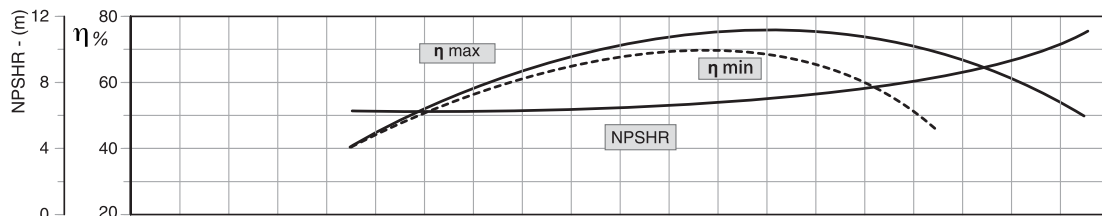
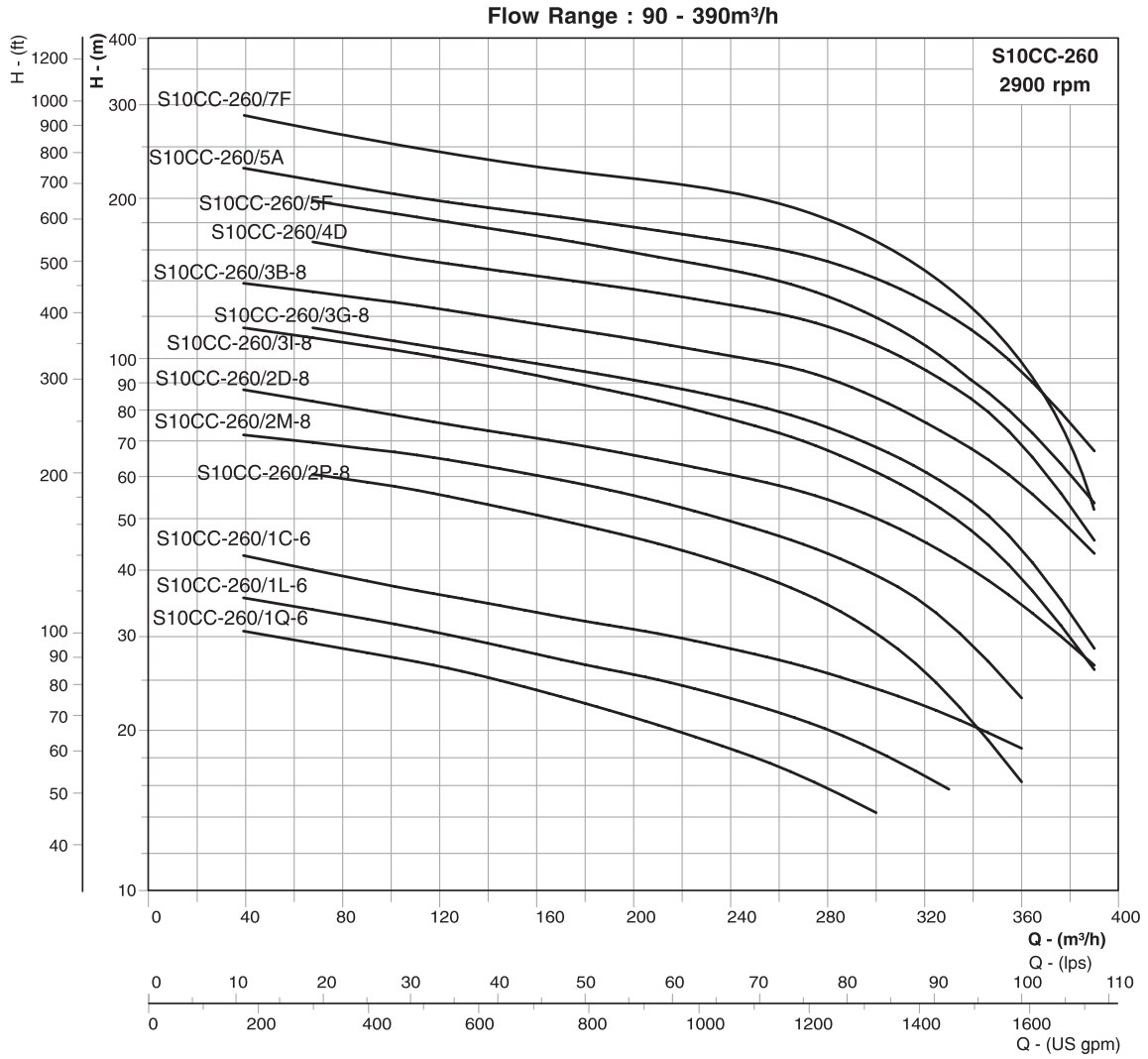
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **260m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

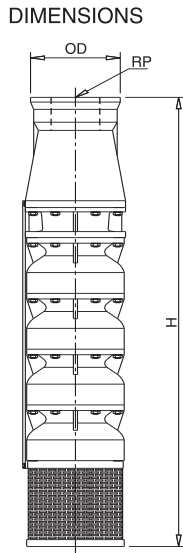
EVERGREEN GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **300m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10CS-300/1O-6	22	30	703	6"	247	64.5
S10CS-300/1F-6	30	40	703	6"	247	64.5
S10CS-300/1B-8	37	50	703	6"	249	65.5
S10CS-300/2N-8	45	60	898	6"	249	91
S10CS-300/2H-8	55	75	898	6"	249	91
S10CS-300/3I-8	75	100	1177	6"	249	116
S10CS-300/3C-8	92	125	1177	6"	249	116
S10CS-300/4G	110	150	1372	6"	249	160
S10CS-300/5L	130	175	1568	6"	249	185.5
S10CS-300/5E	150	200	1568	6"	249	185.5
S10CS-300/7L	185	250	1959	6"	249	236.5

Performance Table

PUMP MODEL	MOTOR kW	lps	0	33.3	41.6	50	58.3	66.6	75	83.3	91.6	100	108.3	116.6
		m ³ /h	0	120	150	180	210	240	270	300	330	360	390	420
S10CS-300/1O-6	22	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	34	27.5	26.5	25.5	24.5	23.5	22	20	16.5	12.5	-	-
S10CS-300/1F-6	30		40	32.5	31	30	29.5	28.5	27.5	26	23	19.5	15.5	10.5
S10CS-300/1B-8	37		46	37	35	34.5	33.5	33	32.5	31	28.5	25	21	16.5
S10CS-300/2N-8	45		67.5	57.5	55.5	53.5	51.5	49	45.5	41.5	36	29.5	22.5	14
S10CS-300/2H-8	55		72	64	61.5	60	58.5	56.5	54	50.5	45.5	38.5	31	21
S10CS-300/3I-8	75		106	93.5	90.5	88	85.5	82	77.5	71.5	63	53.5	42.5	31.5
S10CS-300/3C-8	92		117.5	104.5	102	99	96	94	91	86	79.5	70	57	41
S10CS-300/4G	110		150	134.5	130	126.5	123	119	113.5	106.5	96.5	84.5	71	56
S10CS-300/5L	130		181	162	157	152.5	148	142.5	136	127	114.5	99	81.5	63
S10CS-300/5E	150		196	177.5	172	167	162.5	157	150.5	141.5	129	114.5	98	79.5
S10CS-300/7L	185		253.5	227	219.5	213.5	207	199.5	190	178	160	138.5	114.5	88.5

EVERGREEN GRAND SERIES

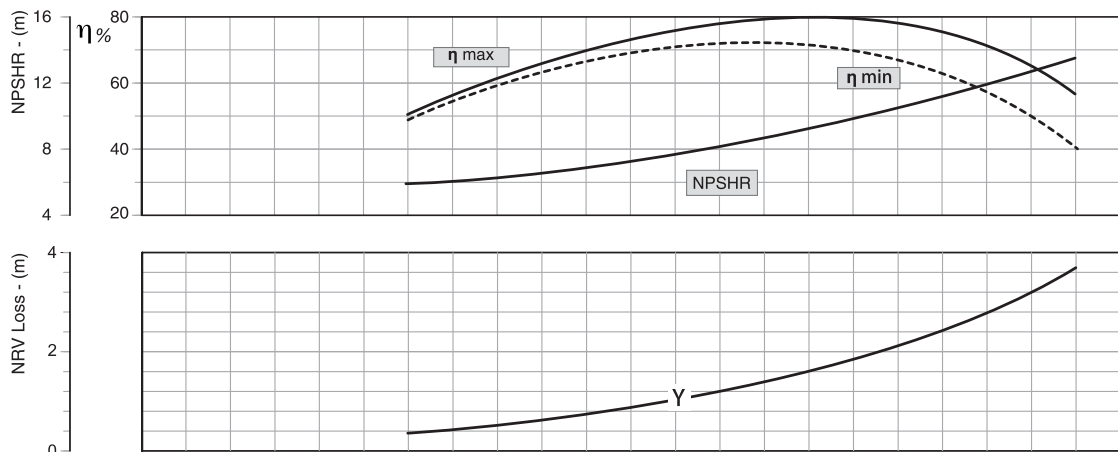
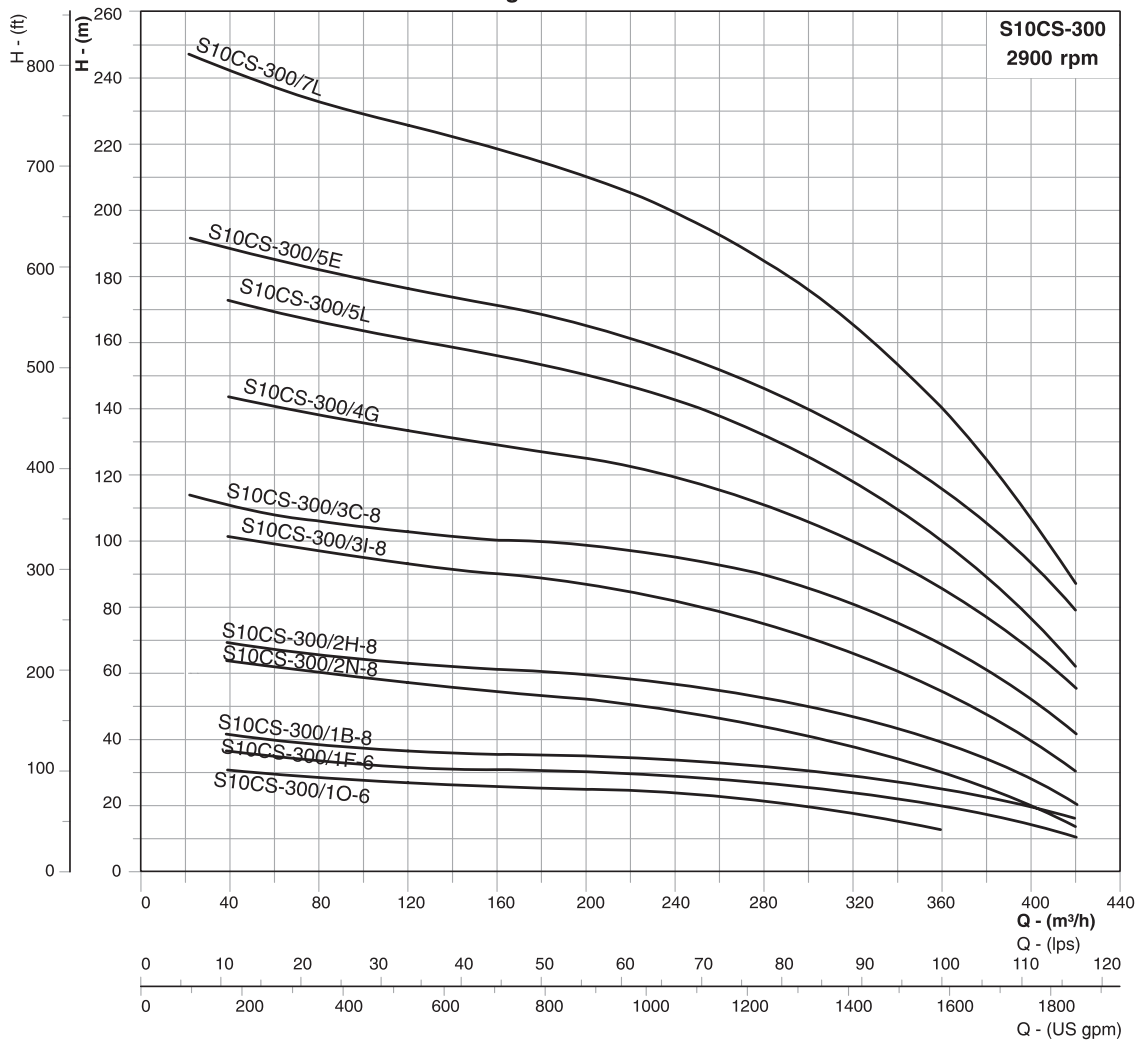
Nominal Diameter : **10"**

Nominal Flow : **300m³/h**

Outlet Size : **6"**

Performance Curves

Flow Range : 120 - 420m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

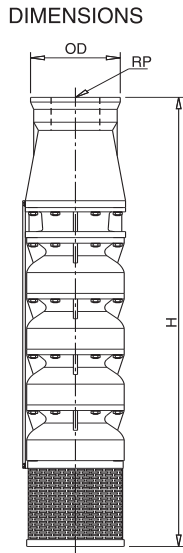
EVERGREEN GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **325m³/h**

Outlet Size : **7"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S12CC-325/1E-8	45	60	899	7"	298	136
S12CC-325/1B-8	55	75	899	7"	298	136
S12CC-325/1A-8	66	90	899	7"	298	136
S12CC-325/2G-8	75	100	1099	7"	298	174
S12CC-325/2E-8	92	125	1099	7"	298	174
S12CC-325/2A-10	110	150	1124	7"	298	178
S12CC-325/3C-10	130	175	1324	7"	298	217
S12CC-325/3B-10	150	200	1324	7"	298	217
S12CC-325/4E-10	185	250	1524	7"	298	255
S12CC-325/5E	220	300	1724	7"	298	294
S12CC-325/5E	250	350	1724	7"	298	294

Performance Table

PUMP MODEL	MOTOR kW	lps	0	50	58.3	66.6	75	79.1	83.3	87.5	90.4	100	108.3	116.6	125
		m ³ /h	0	180	210	240	270	285	300	315	325	360	390	420	450
S12CC-325/1E-8	45	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	55.5	46	44.5	43	41.5	40.5	39.5	38	38	33.5	29.5	25	20
S12CC-325/1B-8	55		63	51	49.5	48	46.5	46	45	44	43	39	35.5	31	26
S12CC-325/1A-8	66		65.5	54.5	53.5	52	50.5	49.5	49	48	48	44	40.5	37	33
S12CC-325/2G-8	75		100.5	85	82.5	79	75	72.5	69.5	66.5	62	53.5	43.5	3	-
S12CC-325/2E-8	92		117.5	97.5	95	92	88.5	86.5	84	81	79	68.5	58.5	47	-
S12CC-325/2A-10	110		130.5	107.5	105	102.5	99.5	98	96.5	94.5	92	85.5	77.5	68.5	57.5
S12CC-325/3C-10	130		168.5	139	134	129.5	125	122	119.5	116.5	112	101.5	86.5	65	-
S12CC-325/3B-10	150		185	153.5	149	144	139.5	137	134	131	128	117.5	104.5	87	61.5
S12CC-325/4E-10	185		224.5	193	188	182.5	176	171.5	167	162	158	140	122.5	102	-
S12CC-325/5E	220		295.5	237.5	230	221.5	213.5	207.5	201.5	193	187	163.5	138	105	-
S12CC-325/5E	250	319.5	259	252	244.5	236	231	224.5	217.5	210	187.5	166.5	137.5	100	

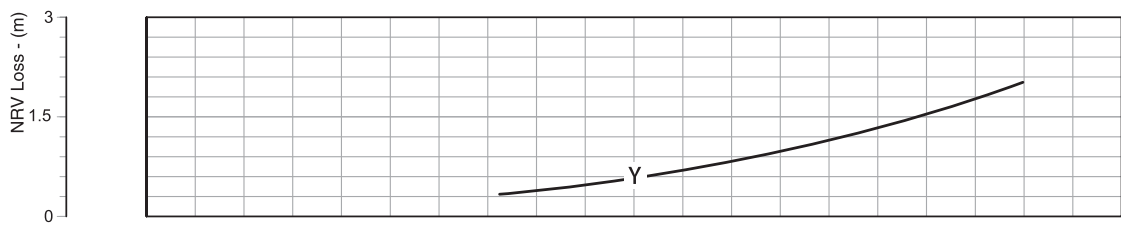
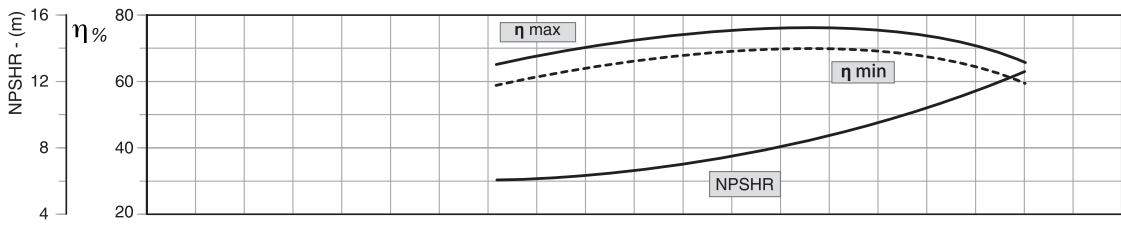
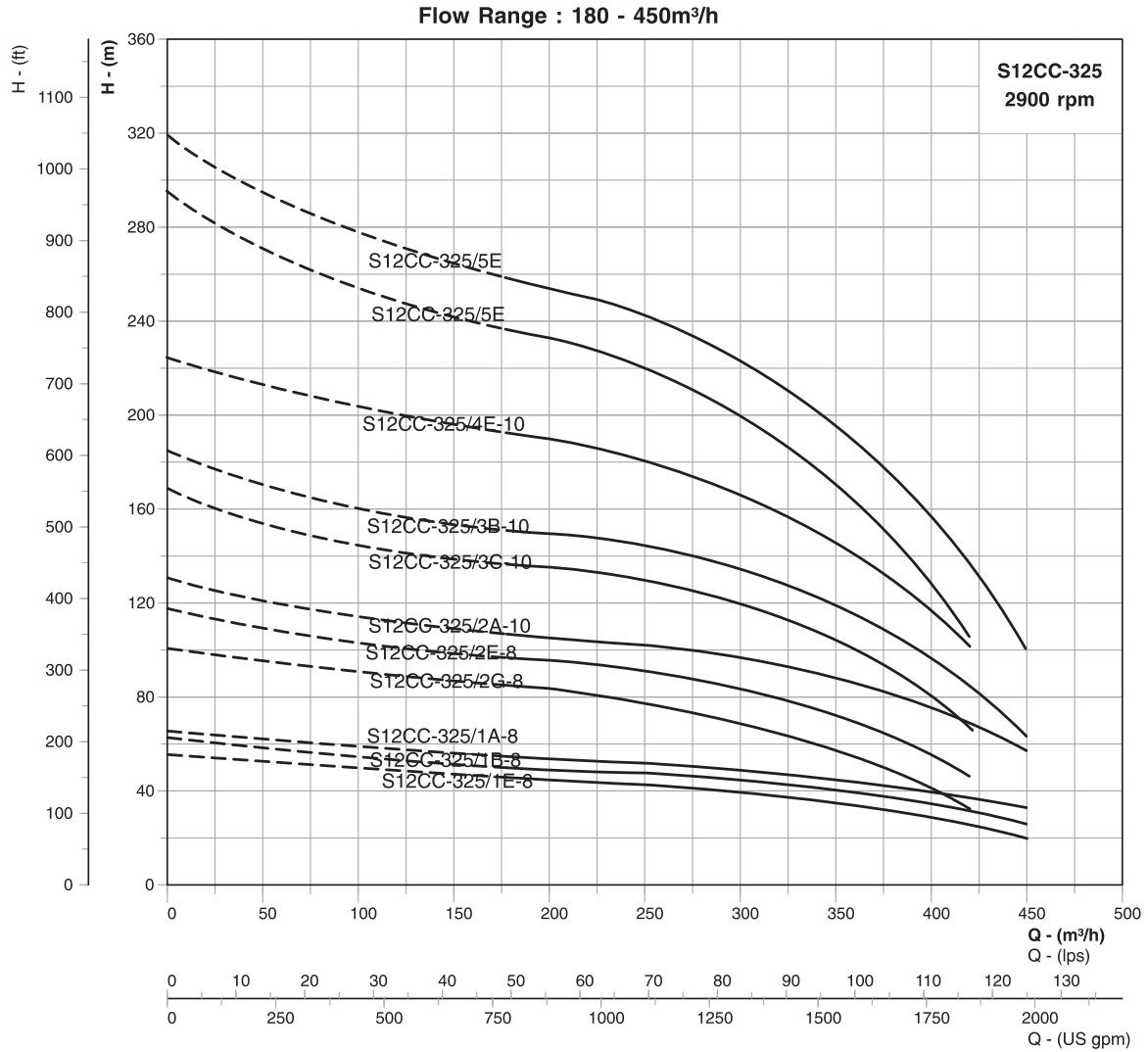
EVERGREEN GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **325m³/h**

Outlet Size : **7"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

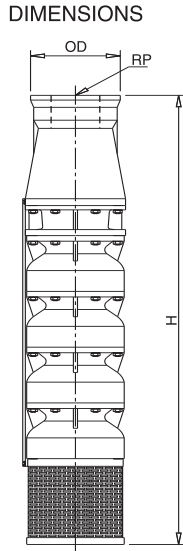
EVERGREEN GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **400m³/h**

Outlet Size : **7"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S12CC-400/1G-8	45	60	899	7"	298	134
S12CC-400/1C-8	55	75	899	7"	298	134
S12CC-400/2G-8	92	100	1099	7"	298	170
S12CC-400/2C-10	110	125	1124	7"	298	174
S12CC-400/3H-10	130	150	1324	7"	298	211
S12CC-400/3F-10	150	200	1324	7"	298	211
S12CC-400/4I-10	185	250	1524	7"	298	247
S12CC-400/4D	220	300	1524	7"	298	247
S12CC-400/5G	250	350	1724	7"	298	284

Performance Table

PUMP MODEL	MOTOR kW	lps	0	58.3	66.6	75	83.3	91.6	100	111.2	116.6	125	133.3	141.6	150
		m ³ /h	0	210	240	270	300	330	360	400	420	450	480	510	540
S12CC-400/1G-8	45	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	52	39.5	38	36.5	35	34	32.5	30	28.5	26	22.5	19	14
			58.5	44.5	43	41.5	40	39	38	35.5	35	32.5	30	26.5	22
			101.5	80.5	78	75.5	73	70.5	67.5	64	60.5	56	51.5	46	40.5
			114.5	90.5	88	85.5	83	80.5	77.5	73	71	66	61	54	46
			134	111	107.5	104	100.5	96.5	92.5	86	82	75.5	68	59.5	50.5
			156.5	124	120.5	117	114	110	106.5	100	97	90.5	83.5	75.5	66.5
			196	154	149.5	145	140.5	135.5	130	121	116.5	107.5	97	85.5	72
			221	173.5	169	165	161	156.5	152	145	139.5	131	121.5	110.5	96
			260.5	204	198	192.5	187	182	176.5	167	162	152	139	121.5	100

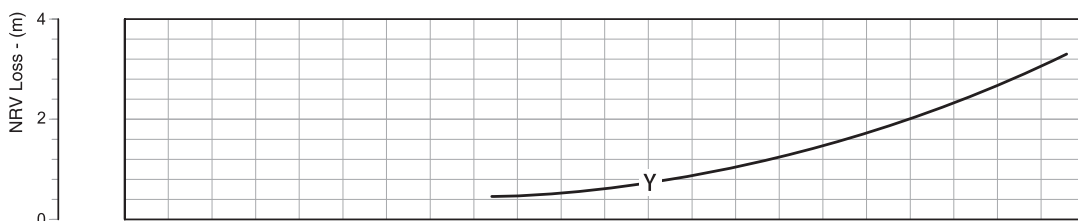
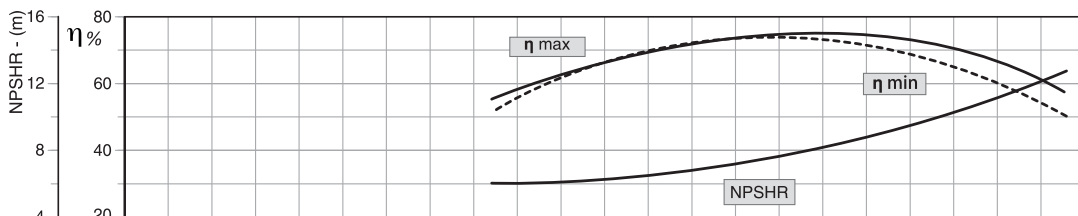
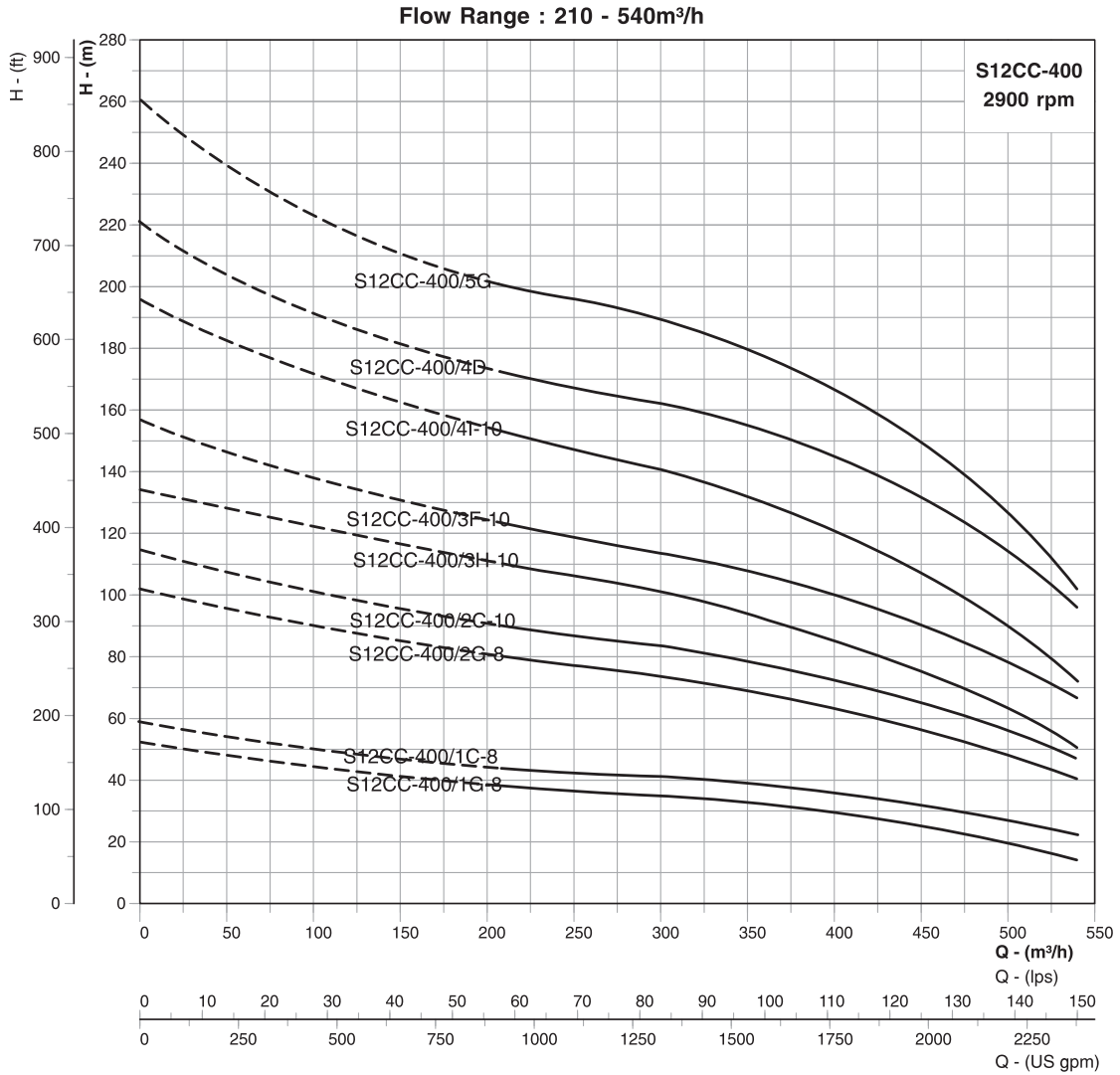
EVERGREEN GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **400m³/h**

Outlet Size : **7"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

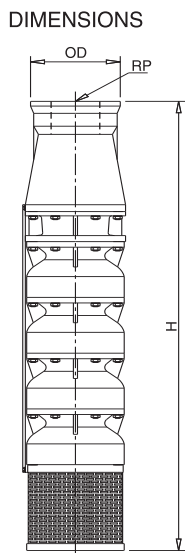
EVERGREEN GRAND SERIES

Nominal Diameter : **14"**

Nominal Flow : **450m³/h**

Outlet Size : **8"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S14CC-450/1L-8	37	50	893	8"	306	97
S14CC-450/1I-8	40	55	893	8"	306	97
S14CC-450/1H-8	45	60	893	8"?	306	97
S14CC-450/1F-8	51.5	70	893	8"	306	97
S14CC-450/1E-8	55	75	893	8"	306	97
S14CC-450/1B-8	66	90	893	8"	310	97
S14CC-450/1A-8	75	100	893	8"	310	97
S14CC-450/2G-10	92	125	1118	8"	310	128
S14CC-450/2D-10	110	150	1118	8"	310	132

Performance Table

PUMP MODEL	MOTOR kW	lps	0	50	66.7	75	83.3	91.7	100	108.3	116.7	125	133.3	141.7	150
		m ³ /h	0	180	240	270	300	330	360	390	420	450	480	510	540
S14CC-450/1L-8	37	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	37.5	29.5	26.5	25.5	24	23	22	20.5	19	17	14.5	11	-
S14CC-450/1I-8	40		41	33	30	28.5	27	26	25	24	22.5	20.5	18	14.5	10
S14CC-450/1H-8	45		44	36	33	31.5	30	28.5	27.5	26	25	23.5	21	17.5	14
S14CC-450/1F-8	51.5		49	41	38	36	34.5	33	32	31	30	28.5	26	23.5	18.5
S14CC-450/1E-8	55		51	43	39.5	38	36.5	35	33.5	32	31	29.5	27.5	25	20.5
S14CC-450/1B-8	66		58.5	49.5	46	44	42.5	41	39.5	38.5	37	36	34.5	32.5	30
S14CC-450/1A-8	75		61	52.5	49	47	45.5	44	43	41.5	40.5	39.5	38.5	37	34
S14CC-450/2G-10	92		92	79	73	69	67	64	62	59	56	52	47.5	42	34.5
S14CC-450/2D-10	110		105.5	90.5	83	80	77.5	75	73.5	72	70	67	62.5	56	47

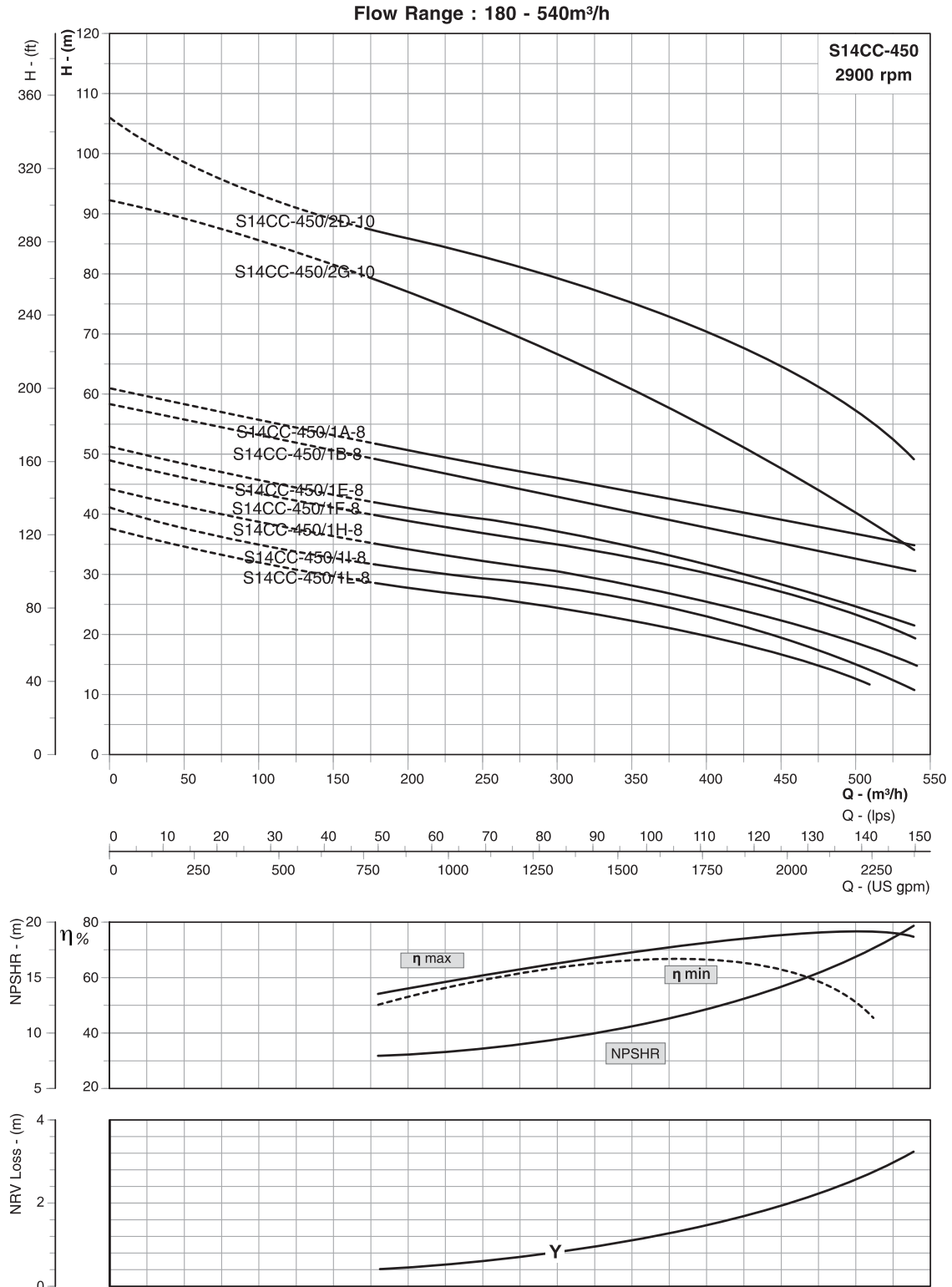
EVERGREEN GRAND SERIES

Nominal Diameter : **14"**

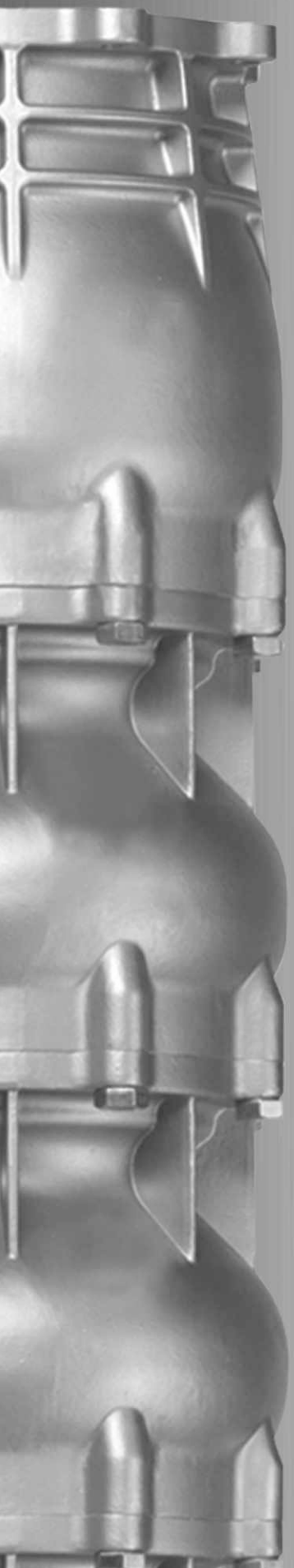
Nominal Flow : **450m³/h**

Outlet Size : **8"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.



**STAINLESS STEEL
GRAND SERIES**

STAINLESS STEEL GRAND SERIES

DEEPWELL SUBMERSIBLE PUMPS STAINLESS STEEL - GRAND SERIES

C.R.I. Always equips itself in advance to face the exponentially growing technological challenges across the industry and to gain high level of customer satisfaction.

C.R.I. Introduced wide range of Stainless Steel-Grand Series Submersible Pumps to satisfy the increasing demand of both high flow and high head applications. These pumps are designed and developed using advanced technologies and integrated quality control programs backed by 50 years of profound experience which ensure low life cycle cost. These pumps are manufactured with highest levels of standardization and efficiency of use.

This Stainless Steel Grand series pumps are available in 8", 10", 12" & 14" Nominal Diameters with a maximum flow upto 810 m³/h and maximum head upto 486 meters. These pumps are offered with complete Stainless steel construction to suit customers specific applications and aggressive water handling.

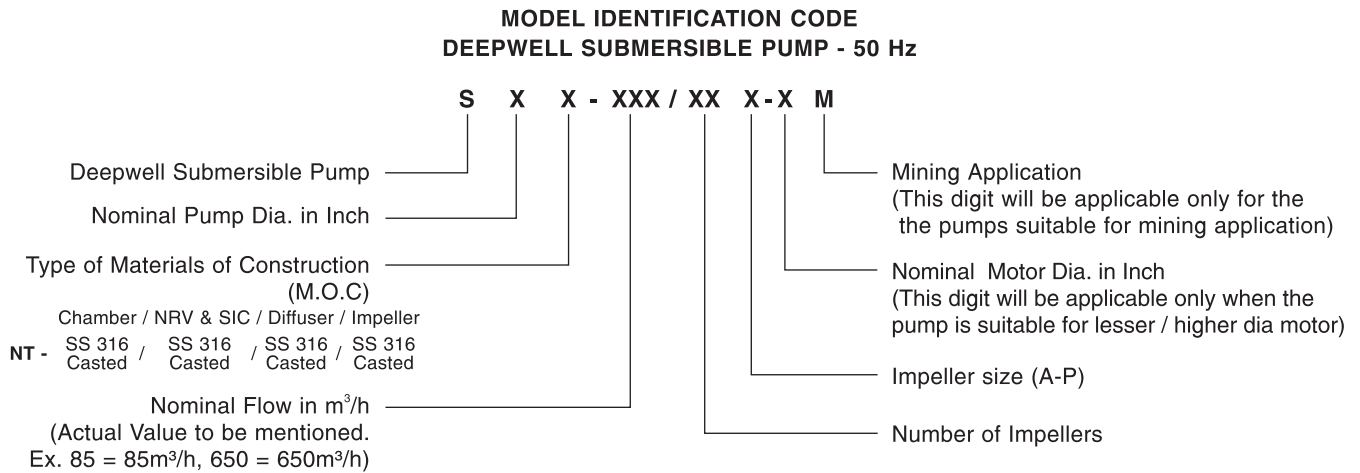
Features : | Best operating efficiency | Precise parts made up of SS 316 | Extremely hardwearing water lubricated bearings | Highly durable & hygienic | Can be easily dismantled and repaired | Can handle more upthrust loads | Good resistance to sand and salt.

Applications : | Irrigation | Civil Water Supply | Industrial & Rural Water Supply | Fire Fighting | Pressure Boosting Units | Sprinkler Systems | Mining | Oil & gas | De-watering | Food processing industries | Golf course | De-salination.



GENERAL INFORMATION

Model Identification Code



Pumped liquids

Clean, thin, non-aggressive, non explosive, clear, cold, fresh water without abrasives, solid particles or fibre having the following characteristics.

a)	Temperature	30°C (max.)
b)	Permissible amount of sand	70g/m ³ (max.)
c)	Chlorides	675 ppm (max.)
d)	Allowable solids	3000 ppm (max.)
e)	Specific gravity	1.004 (max.)
f)	Hardness (Drinking water)	300 (max.)
g)	Viscosity	1mm ² /sec
h)	Turbidity	50 ppm silica scale(max.)
i)	pH	6 to 10

Maximum Temperature of Pumped Liquid

Motor	Minimum cooling flow along the motor	Vertical installation	Horizontal installation minimum 30° angle
8"-14"	0.16 m/s	30°C	30°C

Maximum operating pressure	
8" Submersible pump	4.7Mpa (47 bar)
10" Submersible pump	4.9Mpa (49 bar)
12" Submersible pump	3.2Mpa (32 bar)
14" Submersible pump	2.0Mpa (20 bar)

Pump Operating Limitations					
Nominal diameter		8"(150mm)	10"(250mm)	12"(300mm)	14"(350mm)
Power Range in kW		4 - 110	13 - 185	45 - 250	75 - 300
Speed in rpm		2900	2900	2900	2900
Max. Discharge	m ³ /h	192	390	540	810
	lps	53	108	150	225
Max. Head	m	466	486	320	196
	ft	1529	1594	1050	643
Outlet Size (BSP)		5"	6"	7"	9"

STAINLESS STEEL GRAND SERIES

Materials of Construction

PART NAME	PART No.	NOMINAL DIA . 8"	NOMINAL DIA . 10"	NOMINAL DIA . 12"	NOMINAL DIA . 14"
CHECK VALVE HOUSING	21.00	SS 316 Casted	SS 316 Casted	SS 316 Casted	SS 316 Casted
CHECK VALVE DISC	21.06	SS 316 Casted	SS 316 Casted	SS 316 Casted	SS 316 Casted
DIFFUSER CHAMBER	18.00	SS 316 Casted	SS 316 Casted	SS 316 Casted	SS 316 Casted
IMPELLER	19.00	SS 316 Casted	SS 316 Casted	SS 316 Casted	SS 316 Casted
JOURNAL BEARING	18.07	VITON	VITON	PTFE	PTFE
BUSH	18.06	SS 316	SS 316	SS 316	SS 316
WEAR RING	17.01	POM	POM	POM	POM
SUCTION INTER CONNECTOR	17.00	SS 316 Casted	SS 316 Casted	SS 316 Casted	SS 316 Casted
INLET SCREEN	18.17	SS 316	SS 316	SS 316	SS 316
PUMP SHAFT	22.00	SS 329	SS 329	SS 329	SS 329
CABLE GUARD	17.04	SS	SS	SS	SS
COUPLING	22.01	SS 329	SS 329	SS 329	SS 329

Performance Curve Conditions

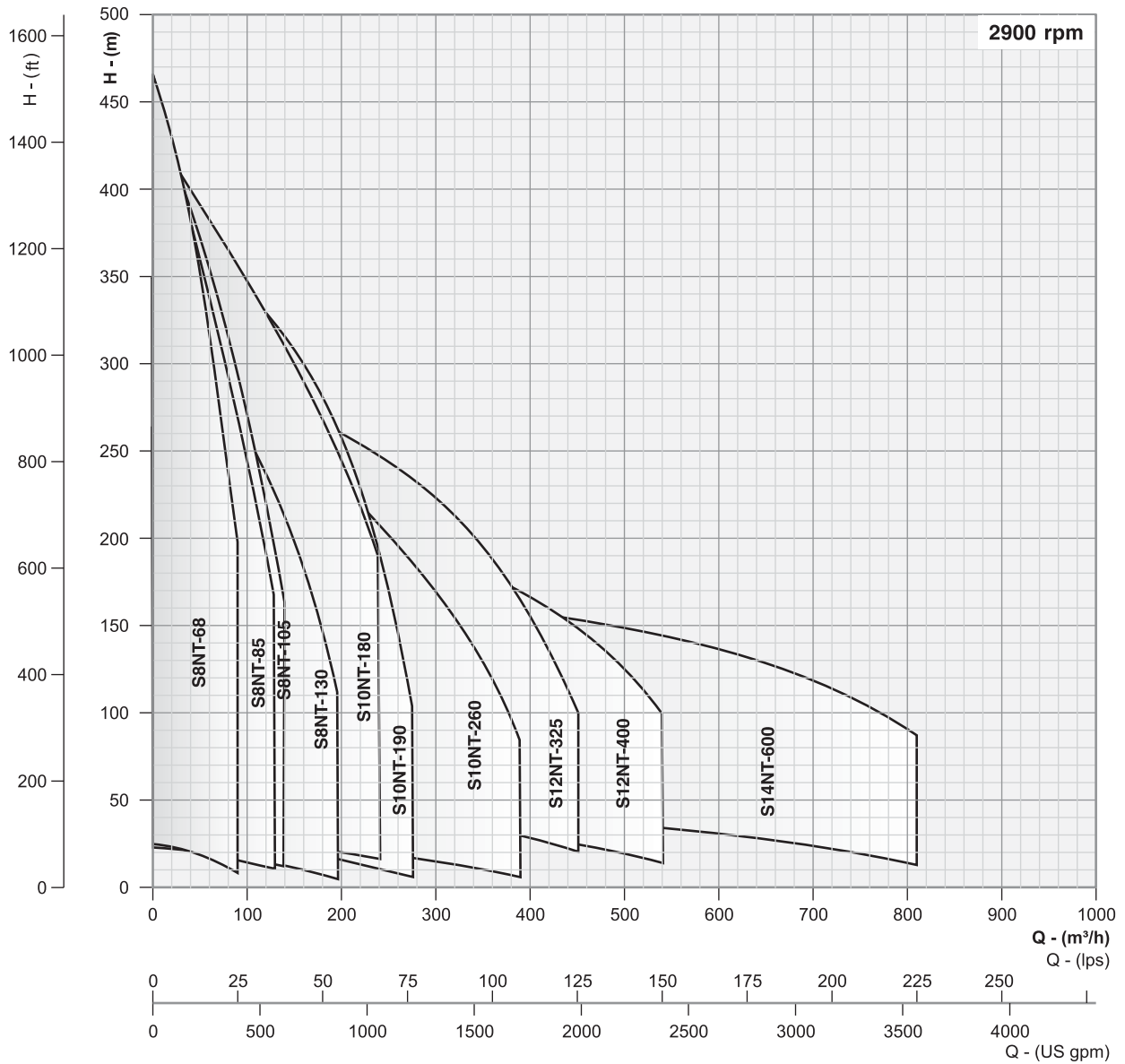
The conditions below apply to the curves shown on the following pages.

- a. The Performance curves show pump performance at rated speed, voltage.
- b. The measurements were made with cold water (20°C) at atmospheric pressure (1bar). When pumping liquids with a density higher than that of water, motors with correspondingly higher outputs must be used.
- c. Pipe friction losses have not been included in the performance curves and performance tables.
- d. Q/H: The curves are inclusive of suction inter-connector losses at the actual speed.
- e. "Y- Curve" indicates the NRV loss to be considered while selecting pump.
- f. Efficiency curve: "η %" shows pump stage efficiency.
- g. Curve tolerance according to ISO : 9906, Grade 3B.
- h. The performances are at rated voltage and are only Indicative. Actual discharge depends on availability of water in well, based on strength of water source, height of water column, submergence of pump, etc.,.
- i. The given performances are for specific materials of construction of pump.
- j. The outlet size of the pumps are as per BSP/GAS standard.

In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

GENERAL INFORMATION

Group Performance Curves - 8", 10", 12" & 14"

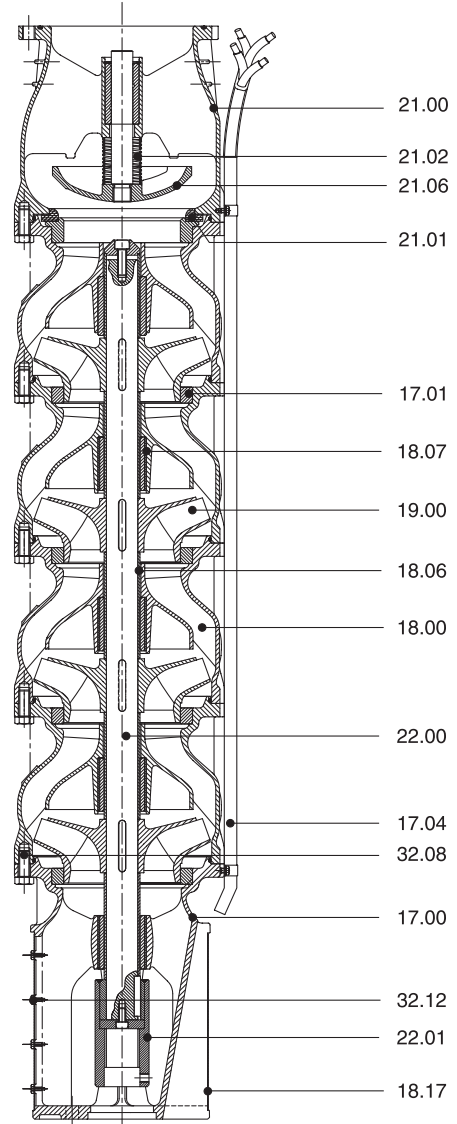
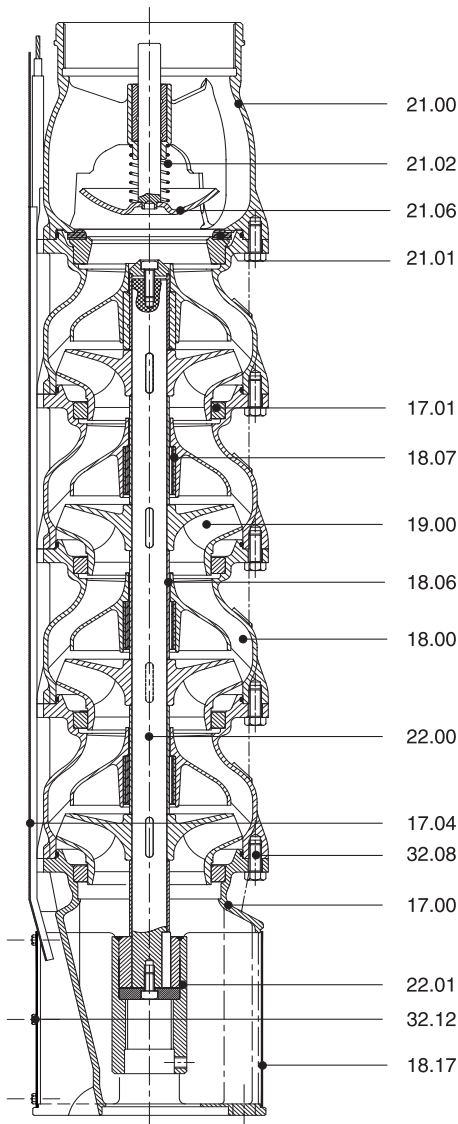


STAINLESS STEEL GRAND SERIES

Cross Sectional Drawing

8" (200mm)

10" (250mm)



Part No.	Part Name
17.00	Suction Inter Connector
17.01	Wear Ring
17.04	Cable Guard
18.00	Diffuser Chamber
18.06	Bush
18.07	Journal Bearing

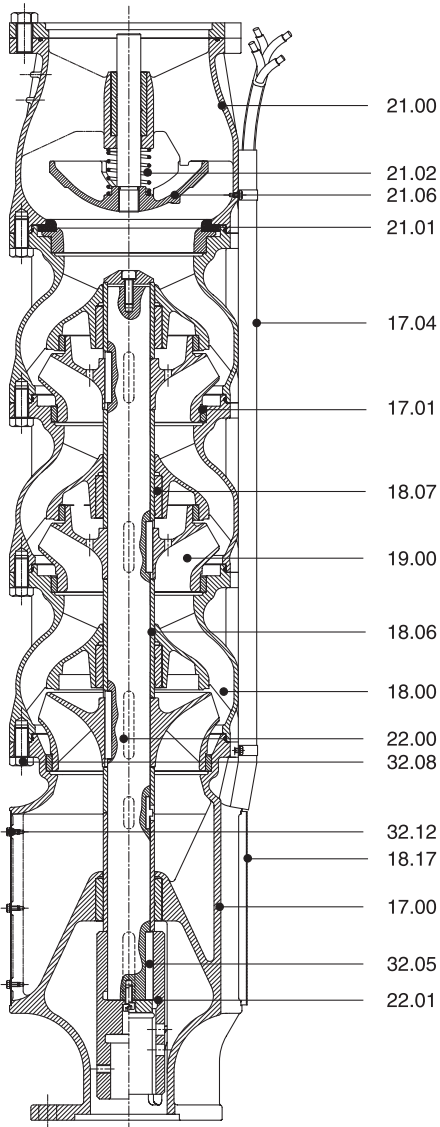
Part No.	Part Name
18.17	Inlet Screen
19.00	Impeller
21.00	Check Valve Housing
21.01	Check Valve Seat
21.02	Check Valve Spring
21.06	Check Valve Disc

Part No.	Part Name
22.00	Pump Shaft
22.01	Coupling
32.05	Coupling Key
32.08	Bolt
32.12	Screw

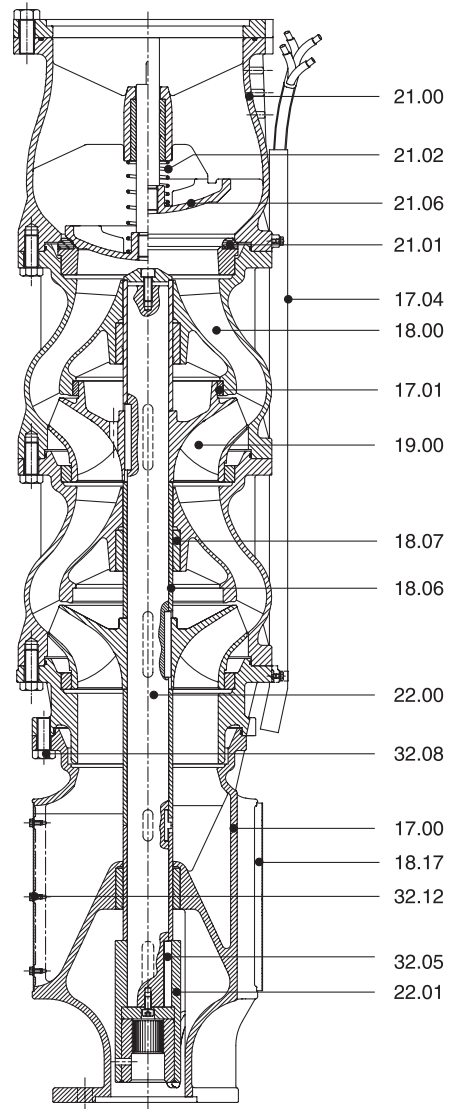
GENERAL INFORMATION

Cross Sectional Drawing

12" (300mm)



14" (350mm)



Part No.	Part Name
17.00	Suction Inter Connector
17.01	Wear Ring
17.04	Cable Guard
18.00	Diffuser Chamber
18.06	Bush
18.07	Journal Bearing

Part No.	Part Name
18.17	Inlet Screen
19.00	Impeller
21.00	Check Valve Housing
21.01	Check Valve Seat
21.02	Check Valve Spring
21.06	Check Valve Disc

Part No.	Part Name
22.00	Pump Shaft
22.01	Coupling
32.05	Coupling Key
32.08	Bolt
32.12	Screw

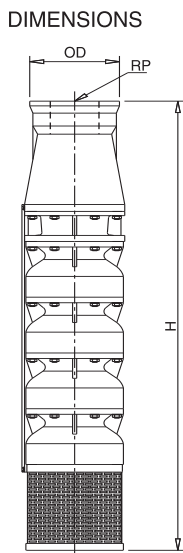
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **68m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8NT-68/1E-6	4	5.5	551	5"	198	23
S8NT-68/2E-6	7.5	10	687	5"	198	30
S8NT-68/3E-6	11	15	823	5"	198	38
S8NT-68/4E-6	15	20	959	5"	198	46
S8NT-68/5E-6	18.5	25	1095	5"	198	53
S8NT-68/6E-6	22	30	1231	5"	198	61
S8NT-68/8E-6	30	40	1503	5"	198	76
S8NT-68/10E	37	50	1775	5"	198	92
S8NT-68/11L	40	55	1911	5"	198	101
S8NT-68/12L	45	60	2047	5"	198	109
S8NT-68/14E	55	75	2319	5"	198	124
S8NT-68/15B	66	90	2455	5"	198	132
S8NT-68/17B	75	100	2127	5"	198	147

Performance Table

PUMP MODEL	MOTOR kW	lps	0	6.7	8.3	11.7	13.3	15	16.7	18.3	18.9	20	21.7	23.3	25
		m ³ /h	0	24	30	42	48	54	60	66	68	72	78	84	90
S8NT-68/1E-6	4	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	25	21	20.5	19	18	17.5	16.5	15.5	15	14	13	11	9.5
S8NT-68/2E-6	7.5		49.5	42.5	41	38	36.5	35	33	31	30	28.5	25.5	22.5	19
S8NT-68/3E-6	11		75	64	62	57	55	52	49.5	46	44	42.5	38.5	33.5	28.5
S8NT-68/4E-6	15		99	85	82	76	73	70	66	62	60	57	51	45	38
S8NT-68/5E-6	18.5		124	106	103	95	91	87	82	77	75	71	64	56	48
S8NT-68/6E-6	22		149	127	123	114	110	105	99	93	89	85	77	68	57
S8NT-68/8E-6	30		199	170	164	152	146	139	132	123	117	113	102	90	76
S8NT-68/10E	37		246	210	203	188	181	172	163	152	148	139	125	109	91
S8NT-68/11L	40		267	228	221	205	197	187	177	166	160	151	135	116	96
S8NT-68/12L	45		292	248	241	224	214	204	193	180	173	164	147	127	104
S8NT-68/14E	55		354	304	294	274	263	251	238	223	213	205	184	161	135
S8NT-68/15B	66		410	355	343	318	306	294	278	262	253	245	225	200	174
S8NT-68/17B	75		465	404	389	362	348	332	315	298	290	276	254	227	197

STAINLESS STEEL GRAND SERIES

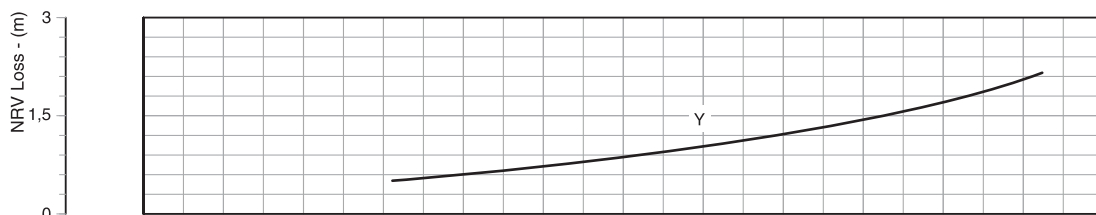
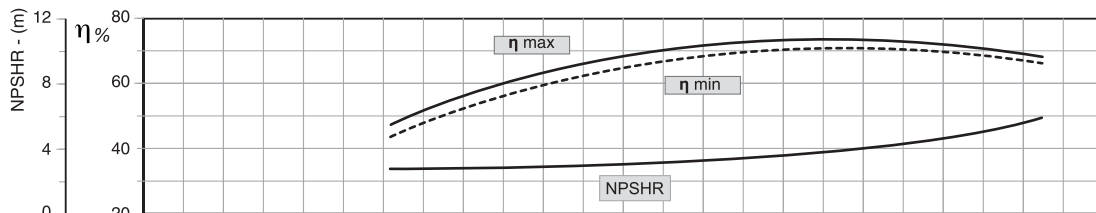
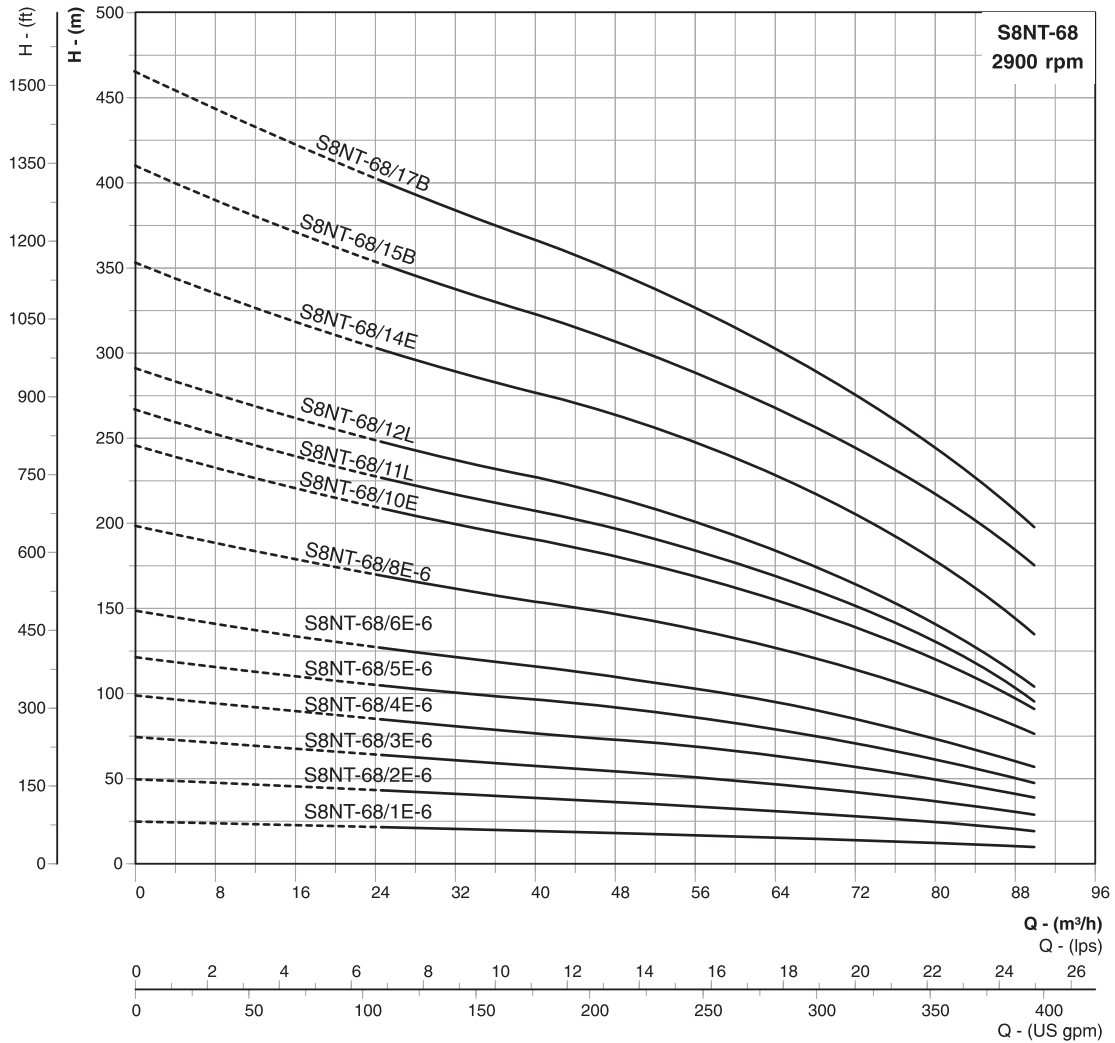
Nominal Diameter : **8"**

Nominal Flow : **68m³/h**

Outlet Size : **5"**

Performance Curves

Flow Range : 24 - 90m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

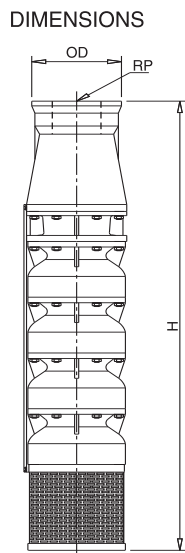
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **85m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8NT-85/1A-6	5.5	7.5	551	5"	198	23
S8NT-85/3A-6	15	20	823	5"	198	38
S8NT-85/4D-6	18.5	25	959	5"	198	45
S8NT-85/5D-6	22	30	1095	5"	198	53
S8NT-85/6A-6	30	40	1231	5"	198	60
S8NT-85/8D-6	37	50	1503	5"	198	76
S8NT-85/8G	37	50	1503	5"	198	77
S8NT-85/8D	40	55	1503	5"	198	77
S8NT-85/9E	45	60	1639	5"	198	85
S8NT-85/11D	55	75	1911	5"	198	100
S8NT-85/13D	66	90	2183	5"	198	115
S8NT-85/14A	75	100	2319	5"	198	123
S8NT-85/15A	92	125	2455	5"	198	131
S8NT-85/16A	92	125	2591	5"	198	139

Performance Table

PUMP MODEL	MOTOR kW	lps	0	10	16.7	18.3	20	21.7	23.6	25	26.7	28.3	30	31.7
		m ³ /h	0	36	60	66	72	78	85	90	96	102	108	114
S8NT-85/1A-6	5.5	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	28.5	20.5	19.5	19	18	17	16	15	14	12.5	11	-
S8NT-85/3A-6	15		85	61	59	57	54	52	48	45	42	37	32.5	27.5
S8NT-85/4D-6	18.5		108	75	73	70	66	63	58	55	50	45	40	34
S8NT-85/5D-6	22		134	94	91	87	83	79	73	69	63	57	50	43
S8NT-85/6A-6	30		170	124	120	116	111	105	98	92	84	76	67	56
S8NT-85/8D-6/8G	37		217	171	148	142	135	128	120	112	103	93	81	69
S8NT-85/8D	40		234	168	162	156	150	143	134	126	117	106	95	83
S8NT-85/9E	45		256	183	177	170	162	155	145	136	125	113	101	87
S8NT-85/11D	55		321	231	223	215	206	196	185	173	160	146	130	114
S8NT-85/13D	66		379	273	264	254	243	232	216	205	189	172	154	134
S8NT-85/14A	75		407	305	295	284	272	259	244	228	210	191	169	146
S8NT-85/15A	92		436	327	316	304	291	277	261	245	225	204	181	156
S8NT-85/16A	92		466	349	337	324	311	296	279	261	240	218	193	167

STAINLESS STEEL GRAND SERIES

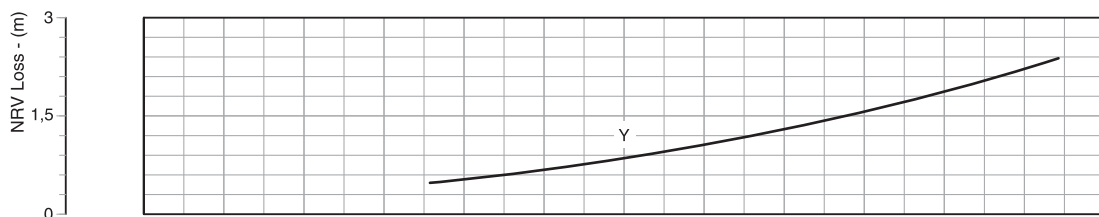
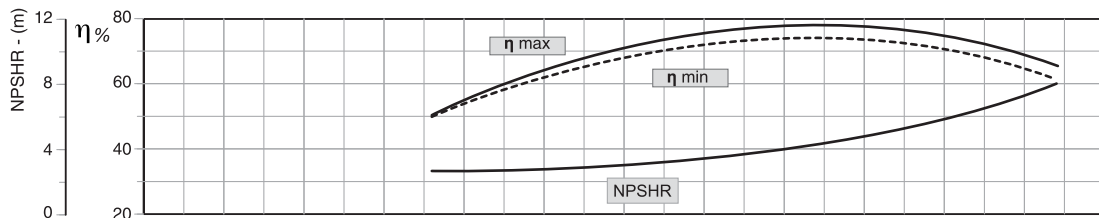
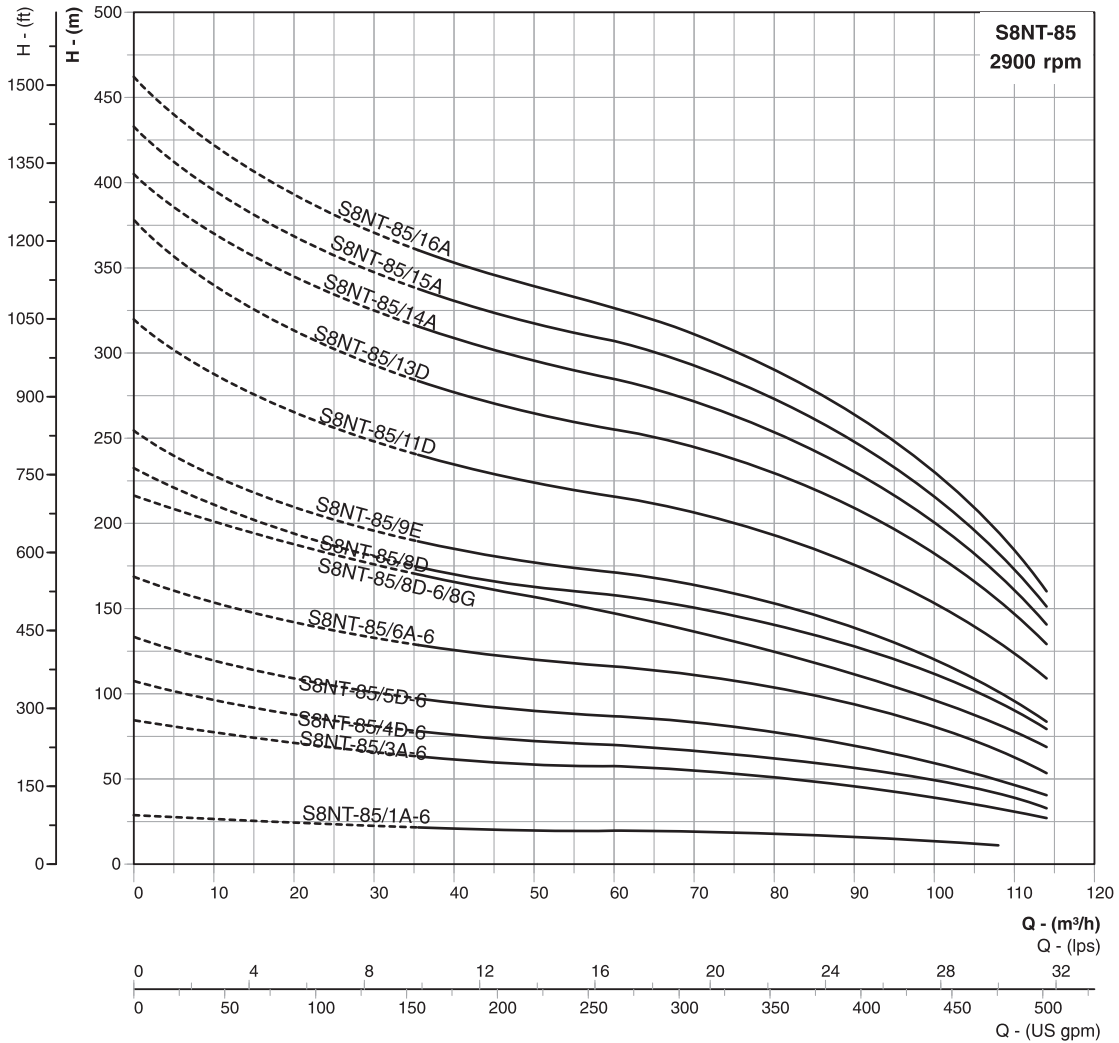
Nominal Diameter : **8"**

Nominal Flow : **85m³/h**

Outlet Size : **5"**

Performance Curves

Flow Range : 36 - 114m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

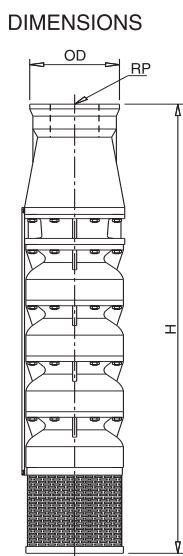
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **105m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8NT-105/1A-6	7.5	10	551	5"	198	23
S8NT-105/2A-6	15	20	687	5"	198	30
S8NT-105/3B-6	18.5	25	823	5"	198	38
S8NT-105/3A-6	22	30	823	5"	198	38
S8NT-105/5C-6	30	40	1095	5"	198	54
S8NT-105/6B-6	37	50	1231	5"	198	62
S8NT-105/6C	37	50	1231	5"	198	63
S8NT-105/7B	45	60	1367	5"	198	71
S8NT-105/9C	55	75	1639	5"	198	86
S8NT-105/11D	66	90	1911	5"	198	102
S8NT-105/12C	75	100	2047	5"	198	110
S8NT-105/15D	92	125	2455	5"	198	133
S8NT-105/16C	110	150	2591	5"	198	140

Performance Table

PUMP MODEL	MOTOR kW	ips	0	10	21.7	25	26.7	28.3	30	31.7	33.3	35	36.7	38.3
		m ³ /h	0	36	78	90	96	102	108	114	120	126	132	138
S8NT-105/1A-6	7.5	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	28.5	25	21.5	20	19.5	18.5	17.5	16.5	15.5	14.5	13	11.5
S8NT-105/2A-6	15		58	49.5	42.5	40.5	39	37.5	35.5	33.5	31	28.5	26	23
S8NT-105/3B-6	18.5		77	67	56	53	51	48.5	46	43	40.5	37	33.5	29.5
S8NT-105/3A-6	22		86	75	64	61	59	56	53	50	46.5	43	38.5	34.5
S8NT-105/5C-6	30		134	109	91	85	82	79	74	70	65	60	54	47
S8NT-105/6B-6/6C	37		166	135	113	106.5	103	99	94	89	83	76	69	60
S8NT-105/7B	45		200	162	138	130	126	121	116	109	102	94	85	76
S8NT-105/9C	55		251	204	173	163	157	151	143	134	125	114	102	88
S8NT-105/11D	66		297	243	201	188	180	172	163	152	141	129	115	100
S8NT-105/12C	75		335	272	230	217	210	202	192	181	168	155	139	123
S8NT-105/15D	92		405	331	273	256	246	235	222	208	192	175	157	137
S8NT-105/16C	110		446	362	307	290	280	269	256	241	224	206	186	163

STAINLESS STEEL GRAND SERIES

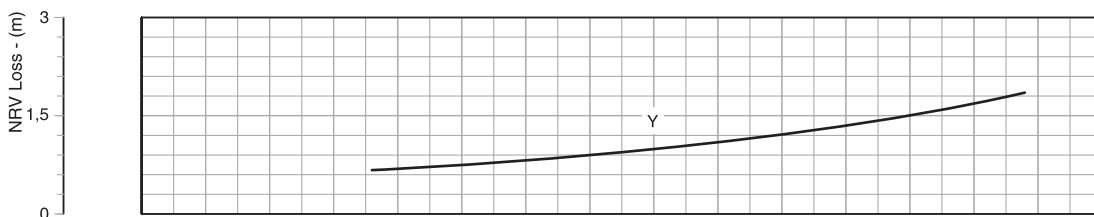
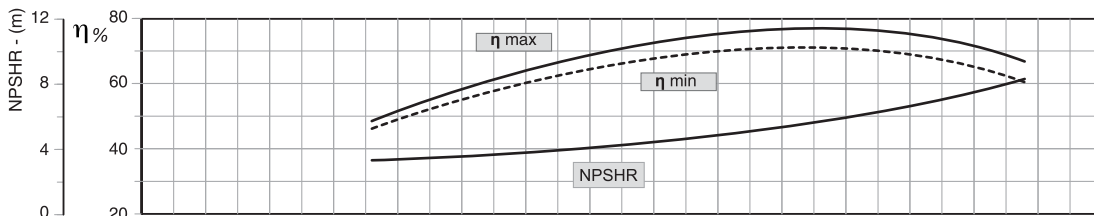
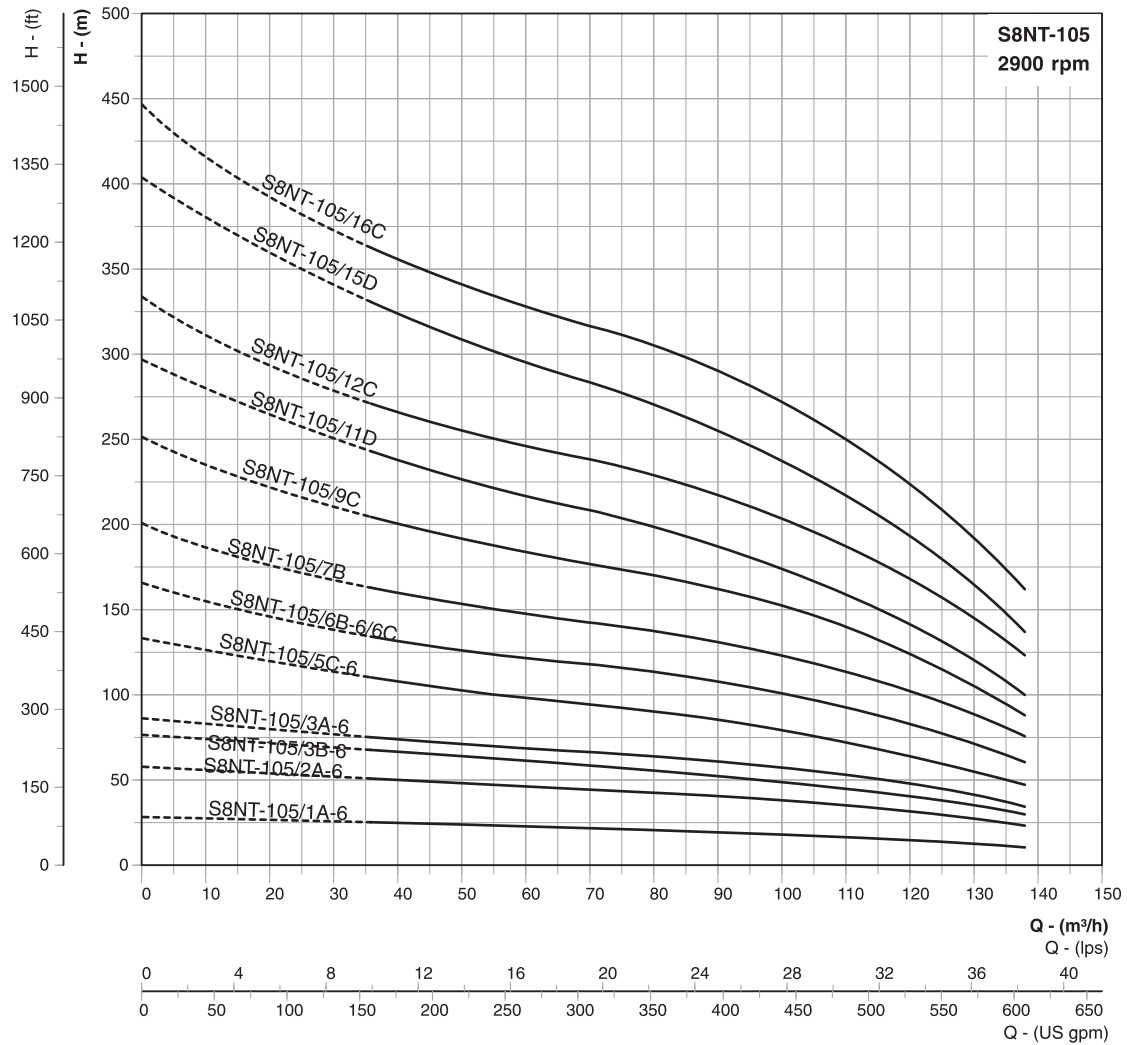
Nominal Diameter : **8"**

Nominal Flow : **105m³/h**

Outlet Size : **5"**

Performance Curves

Flow Range : 36 - 138m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

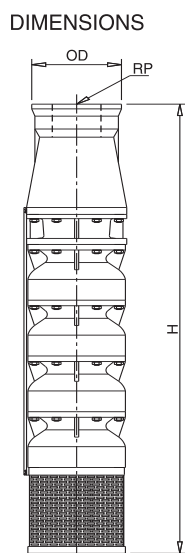
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **8"**

Nominal Flow : **130m³/h**

Outlet Size : **5"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S8NT-130/1E-6	7.5	10	551	5"	198	23
S8NT-130/2E-6	15	20	687	5"	198	30
S8NT-130/2A-6	18.5	25	687	5"	198	30
S8NT-130/3E-6	22	30	823	5"	198	37
S8NT-130/4E-6	30	40	959	5"	198	44
S8NT-130/4A-6	37	50	959	5"	198	44
S8NT-130/4C	37	50	959	5"	198	46
S8NT-130/5C	45	60	1095	5"	198	53
S8NT-130/6A	55	75	1231	5"	198	61
S8NT-130/7A	66	90	1367	5"	198	68
S8NT-130/8A	75	100	1503	5"	198	75
S8NT-130/9A	92	125	1639	5"	198	83
S8NT-130/10C	92	125	1775	5"	198	90
S8NT-130/11A	110	150	1911	5"	198	98
S8NT-130/12A	110	150	2047	5"	198	105

Performance Table

PUMP MODEL	MOTOR kW	ips	0	13.3	28.3	30	31.7	33.3	36	40	43.3	46.7	50	53.3
		m ³ /h	0	48	102	108	114	120	130	144	156	168	180	192
S8NT-130/1E-6	7.5	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	24	20.5	17.5	17	16.5	16	16	13.5	11.5	10	7.5	-
			48	41	35	34	33	32	31	27	23.5	19.5	15	-
			57	47.5	40.5	40	39	38	37	33	30	26.5	22	17.5
			72	62	53	51	49.5	48	45	40.5	35	29.5	23	-
			96	82	70	68	66	64	61	54	47	39	30.5	-
			111	94	81	80	78	76	73	66	60	53	44	34.5
			136	118	102	100	97	95	90	82	74	65	55	42.5
			168	145	126	124	12.5	117.5	112	102.5	93	82.5	70	56
			196	169	147	144	141	137	131	120	109	96	82	65
			224	194	168	165	161	157	149	137	125	110	94	75
			251	218	189	185	181	177	168	154	140	124	105	82
			272	235	203	199	194	189	179	164	148	130	109	85
			307	266	231	226	221	216	205	188	171	151	129	103
			335	290	252	247	241	235	223	206	187	165	140	112

STAINLESS STEEL GRAND SERIES

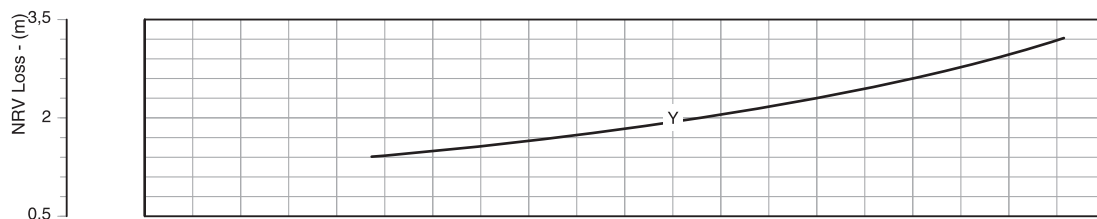
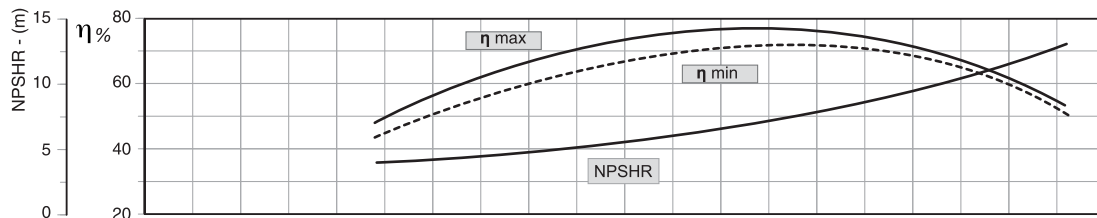
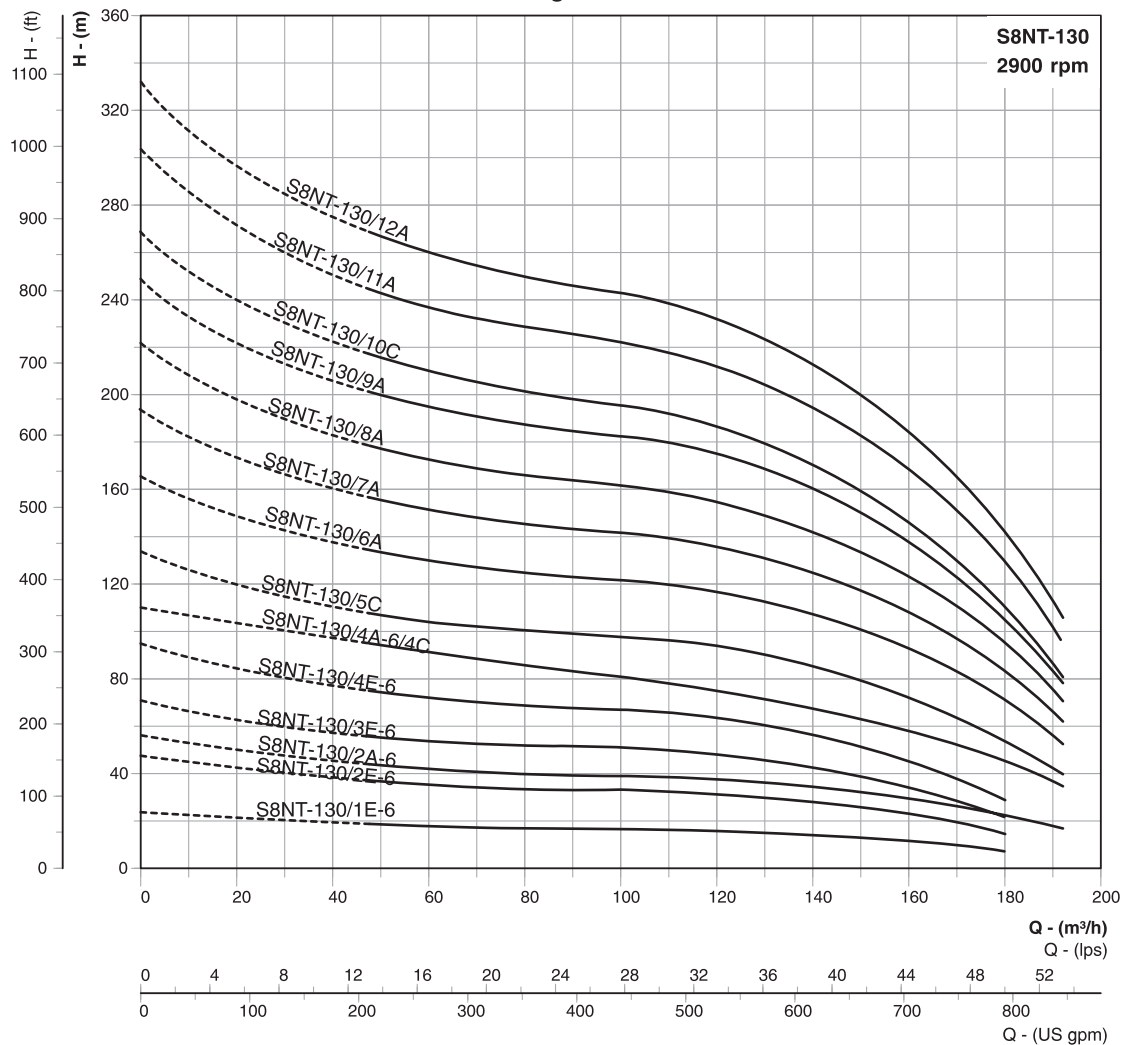
Nominal Diameter : **8"**

Nominal Flow : **130m³/h**

Outlet Size : **5"**

Performance Curves

Flow Range : 48 - 192m³/h



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

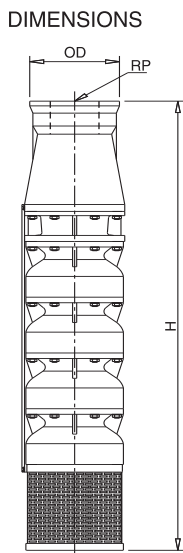
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **180m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10NT-180/1P-6	15	20	687	6"	243	47
S10NT-180/1I-6	18.5	25	687	6"	243	47
S10NT-180/1D-6	22	30	687	6"	243	47
S10NT-180/2O-6	30	40	867	6"	243	64
S10NT-180/2H-8	37	50	867	6"	243	64
S10NT-180/2G-8	40	55	867	6"	243	64
S10NT-180/2C-8	45	60	867	6"	243	64
S10NT-180/3H-8	55	75	1047	6"	243	80
S10NT-180/3C-8	66	90	1047	6"	243	80
S10NT-180/4G-8	75	100	1227	6"	243	96
S10NT-180/4B-8	92	125	1227	6"	243	96
S10NT-180/5D	110	150	1490	6"	243	121
S10NT-180/6D	130	175	1670	6"	243	137
S10NT-180/7E	150	200	1850	6"	243	153
S10NT-180/8E	170	230	2030	6"	243	169
S10NT-180/9F	185	250	2210	6"	243	185

Performance Table

PUMP MODEL	MOTOR kW	ips	0	13.3	20	26	31.6	36.6	41.6	46.6	50	56.6	61.6	66.6
		m ³ /h	0	48	72	96	114	132	150	168	180	204	222	240
S10NT-180/1P-6	15	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	37.5	31	29	27.5	26.5	25.5	24.5	22.5	21.5	18	15	-
S10NT-180/1I-6	18.5		43	36	34	32	31	30	29	27.5	26	23	20	15.5
S10NT-180/1D-6	22		50	40.5	38	36	35	33.5	32.5	31	30	26.5	23	18.5
S10NT-180/2O-6	30		73	62	59	56	55	52	49.5	46	43.5	35.5	28	-
S10NT-180/2H-8	37		84	73	69	66	64	62	59	56	53	46.5	40	32
S10NT-180/2G-8	40		96	79	74	70	68	66	63	60	58	50	43	34.5
S10NT-180/2C-8	45		106	88	82	77	74	70	67	64	62	56	49	41
S10NT-180/3H-8	55		127	111	106	101	98	95	91	86	83	73	64	53
S10NT-180/3C-8	66		153	130	123	116	112	108	104	99	96	87	80	71
S10NT-180/4G-8	75		173	151	144	138	134	129	124	117	113	101	91	79
S10NT-180/4B-8	92		213	180	168	159	152	146	140	133	129	117	107	95
S10NT-180/5D	110		249	212	200	189	182	176	169	161	156	141	128	113
S10NT-180/6D	130		300	255	240	227	219	211	203	193	187	169	154	136
S10NT-180/7E	150		345	294	277	262	252	243	233	223	215	195	176	155
S10NT-180/8E	170		395	335	316	299	288	278	267	255	246	222	202	177
S10NT-180/9F	185		435	369	347	329	317	305	292	279	269	242	219	191

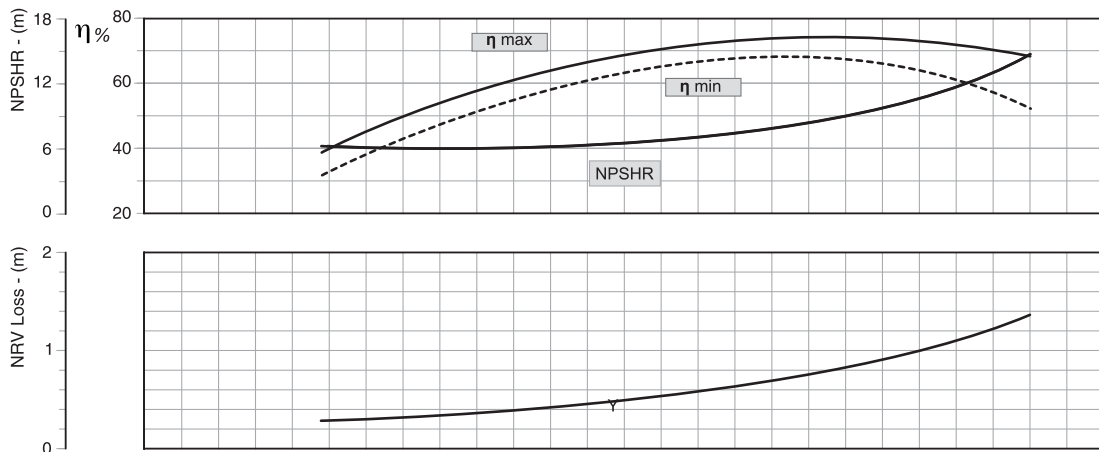
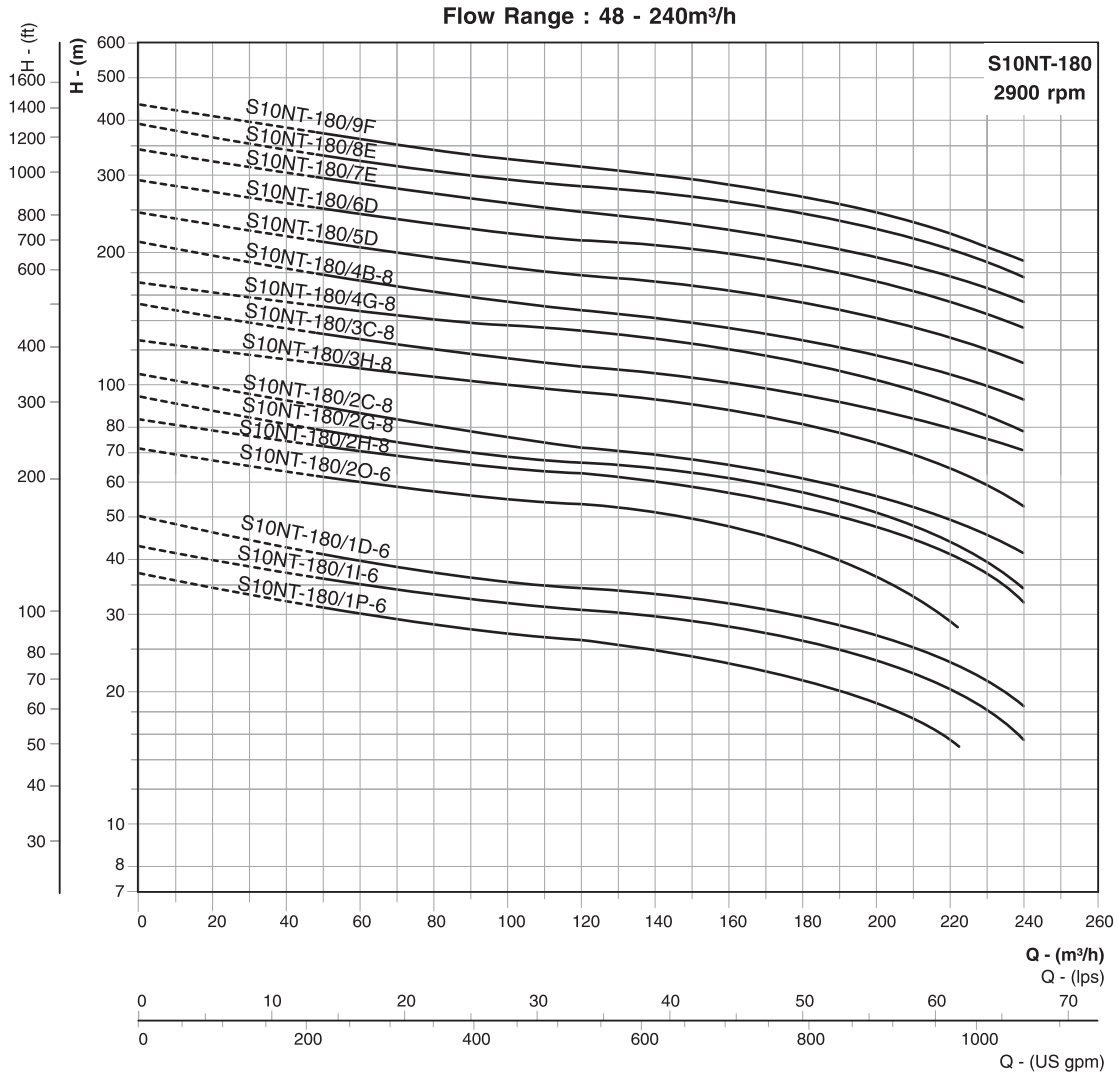
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **180m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

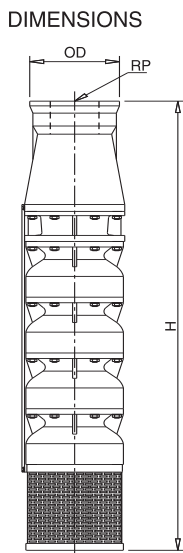
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **190m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10NT-190/1L-6	13	17.5	687	6"	243	47
S10NT-190/1I-6	15	20	687	6"	243	47
S10NT-190/1D-6	18.5	25	687	6"	243	47
S10NT-190/2H-6	30	40	867	6"	243	63
S10NT-190/2D-8	37	50	867	6"	243	64
S10NT-190/2B-8	40	55	867	6"	243	64
S10NT-190/3I-8	45	60	1047	6"	243	80
S10NT-190/3D-8	55	75	1047	6"	243	80
S10NT-190/4F-8	66	90	1227	6"	243	96
S10NT-190/4C-8	75	100	1227	6"	243	96
S10NT-190/5E-8	92	125	1407	6"	243	112
S10NT-190/6D	110	150	1670	6"	243	137
S10NT-190/7C	130	175	1850	6"	243	153
S10NT-190/8C	150	200	2030	6"	243	169
S10NT-190/9C	170	230	2210	6"	243	185
S10NT-190/10C	185	250	2390	6"	243	201

Performance Table

PUMP MODEL	MOTOR kW	ips	0	16.6	30	36.6	41.6	46.6	51.6	55	58.3	61.6	66.6	71.6	76.6
		m ³ /h	0	60	108	132	150	168	186	198	210	222	240	258	276
S10NT-190/1L-6	13	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	36.5	29.5	25.5	24	22.5	21	19	17.5	15.5	13.5	9.5	-	-
S10NT-190/1I-6	15		40	32.5	28.5	27	25.5	24	22	20.5	19	17	13	9	-
S10NT-190/1D-6	18.5		47	48	32.5	30	28.5	26.5	25	23.5	22	20	17	13	7.5
S10NT-190/2H-6	30		82	68	60	56	53	49	45	41.5	38	33.5	27	19	10.5
S10NT-190/2D-8	37		96	78	67	63	60	56	52	49	45	41	34	26.5	18.5
S10NT-190/2B-8	40		102	83	72	67	64	60	56	53	49	45.5	39	30.5	20.5
S10NT-190/3I-8	45		128	101	89	84	79	74	68	63	57	51	39.5	27.5	-
S10NT-190/3D-8	55		145	119	104	97	93	88	82	77	71	65	55	42.5	29.5
S10NT-190/4F-8	66		182	149	130	122	115	109	101	94	87	78	64	48.5	-
S10NT-190/4C-8	75		195	160	140	132	125	118	110	104	97	89	75	58	40
S10NT-190/5E-8	92		238	196	170	160	152	144	134	126	117	106	89	69	47
S10NT-190/6D	110		289	238	207	195	185	175	163	154	143	130	109	85	59
S10NT-190/7C	130		340	281	244	230	219	207	193	182	169	155	130	103	72
S10NT-190/8C	150		389	321	279	263	250	236	221	208	193	177	149	117	83
S10NT-190/9C	170		438	354	314	296	281	266	248	234	217	199	168	132	93
S10NT-190/10C	185		486	393	349	328	312	295	276	260	242	221	186	147	103

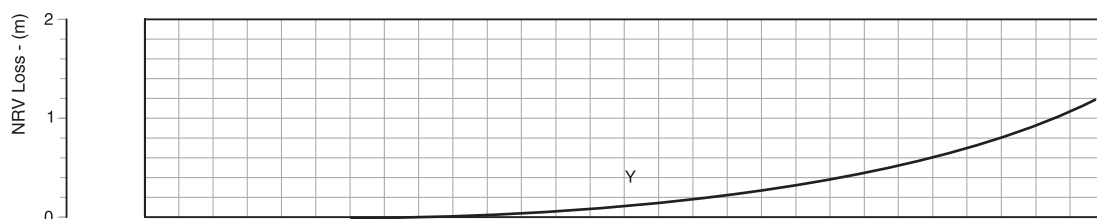
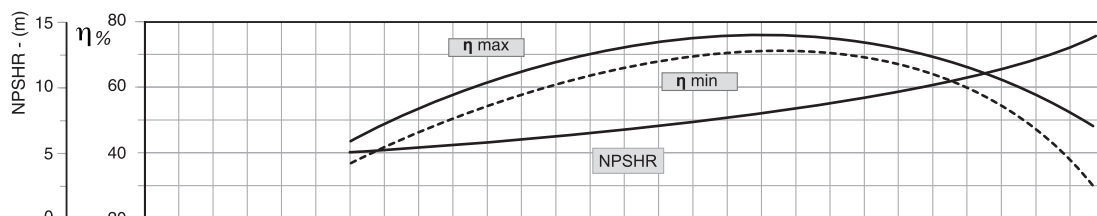
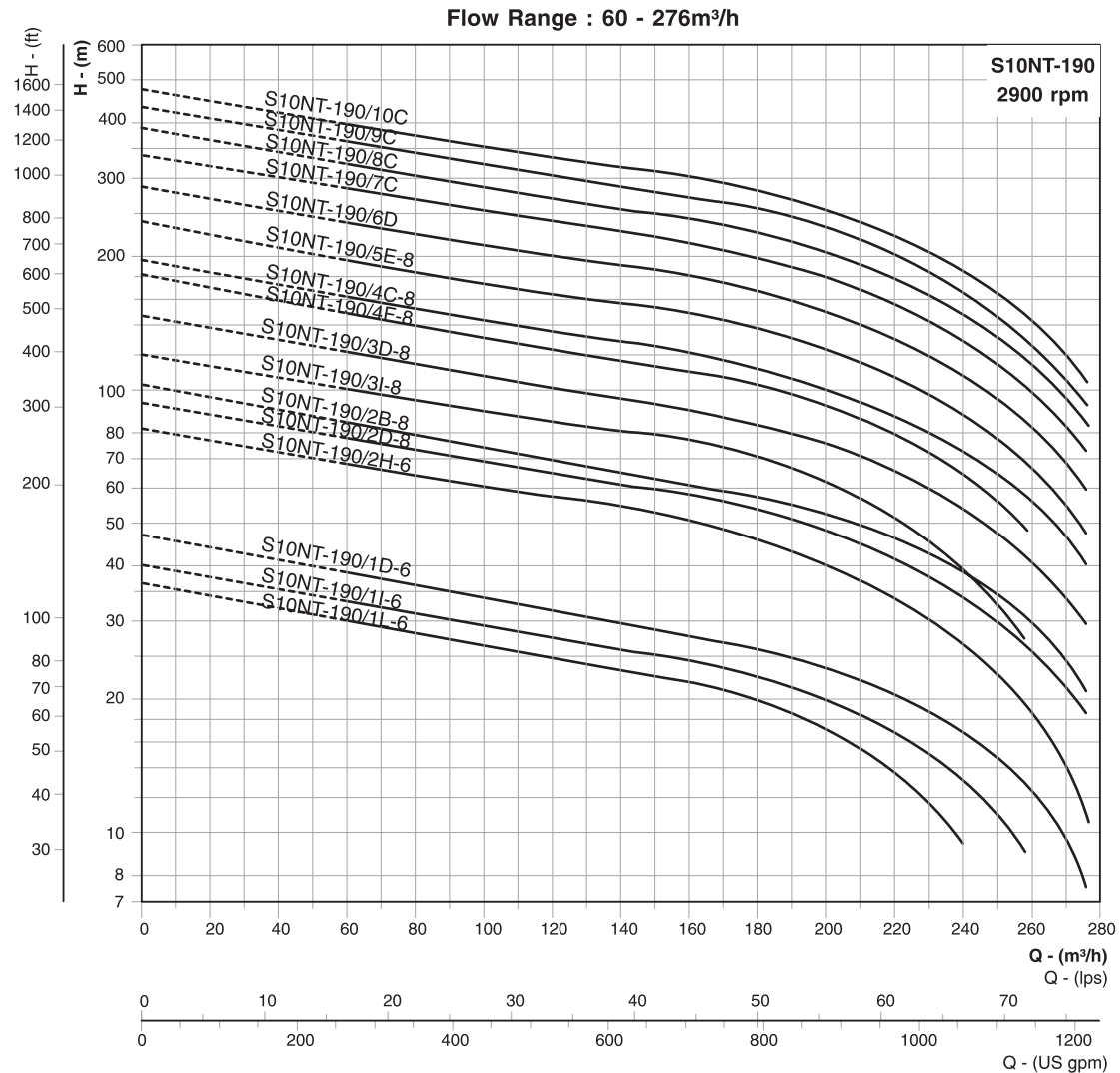
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **190m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

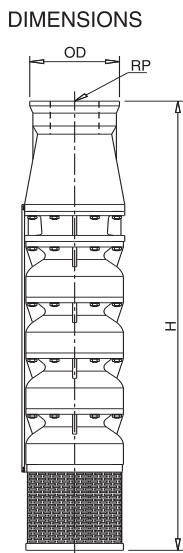
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **260m³/h**

Outlet Size : **6"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S10NT-260/1L-6	22	30	687	6"	243	47
S10NT-260/1B-6	30	40	687	6"	243	47
S10NT-260/2P-8	37	50	867	6"	243	64
S10NT-260/2N-8	40	55	867	6"	243	64
S10NT-260/2I-8	45	60	867	6"	243	64
S10NT-260/2C-8	55	75	867	6"	243	64
S10NT-260/3H-8	66	90	1047	6"	243	80
S10NT-260/3E-8	75	100	1047	6"	243	80
S10NT-260/4G-8	92	125	1227	6"	243	96
S10NT-260/4C	110	150	1310	6"	243	105
S10NT-260/5D	130	175	1490	6"	243	121
S10NT-260/6D	150	200	1670	6"	243	137
S10NT-260/6B	170	230	1670	6"	243	137
S10NT-260/7D	185	250	1850	6"	243	153

Performance Table

PUMP MODEL	MOTOR kW	lps	0	25	33.3	41.6	50	58.3	66.6	75	79.1	83.3	91.6	100	108.3
		m ³ /h	0	90	120	150	180	210	240	270	285	300	330	360	390
S10NT-260/1L-6	22	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	42	31.5	29.5	28	26	24.5	22.5	20	18.5	17	17	7.5	-
S10NT-260/1B-6	30		52	38	35.5	33.5	31.5	29.5	28	26	24.5	23	23	15	9
S10NT-260/2P-8	37		76	59	55	52	48.5	45	41	36.5	33.5	30	30	-	-
S10NT-260/2N-8	40		80	62	58	55	52	48	44	39	36.5	33	33	16	-
S10NT-260/2I-8	45		85	67	63	59	56	53	48.5	43.5	41	37.5	37.5	21.5	11
S10NT-260/2C-8	55		101	77	72	60	64	61	57	53	50	47	47	31.5	21
S10NT-260/3H-8	66		126	100	95	90	85	81	75	68	64	59	59	34	17.5
S10NT-260/3E-8	75		135	109	103	98	93	88	83	76	72	67	67	43	27
S10NT-260/4G-8	92		171	137	130	123	117	110	103	93	88	82	82	50	32
S10NT-260/4C	110		204	160	150	142	135	128	121	112	107	101	101	70	48
S10NT-260/5D	130		228	184	174	166	157	149	140	128	122	114	114	75	53
S10NT-260/6D	150		274	221	209	199	189	179	168	154	146	137	137	90	60
S10NT-260/6B	170		312	245	231	218	208	197	186	173	165	157	157	110	78
S10NT-260/7D	185		349	273	257	243	230	218	205	190	181	171	171	119	84

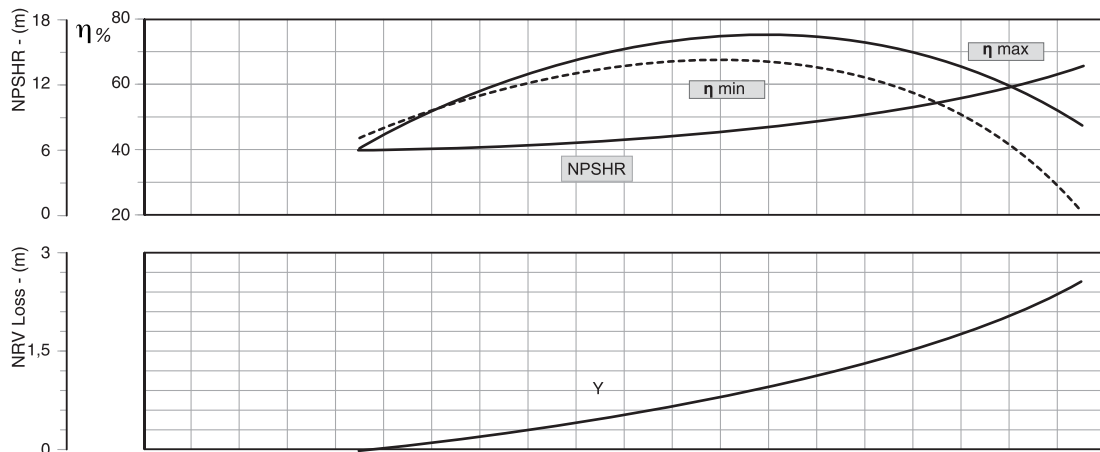
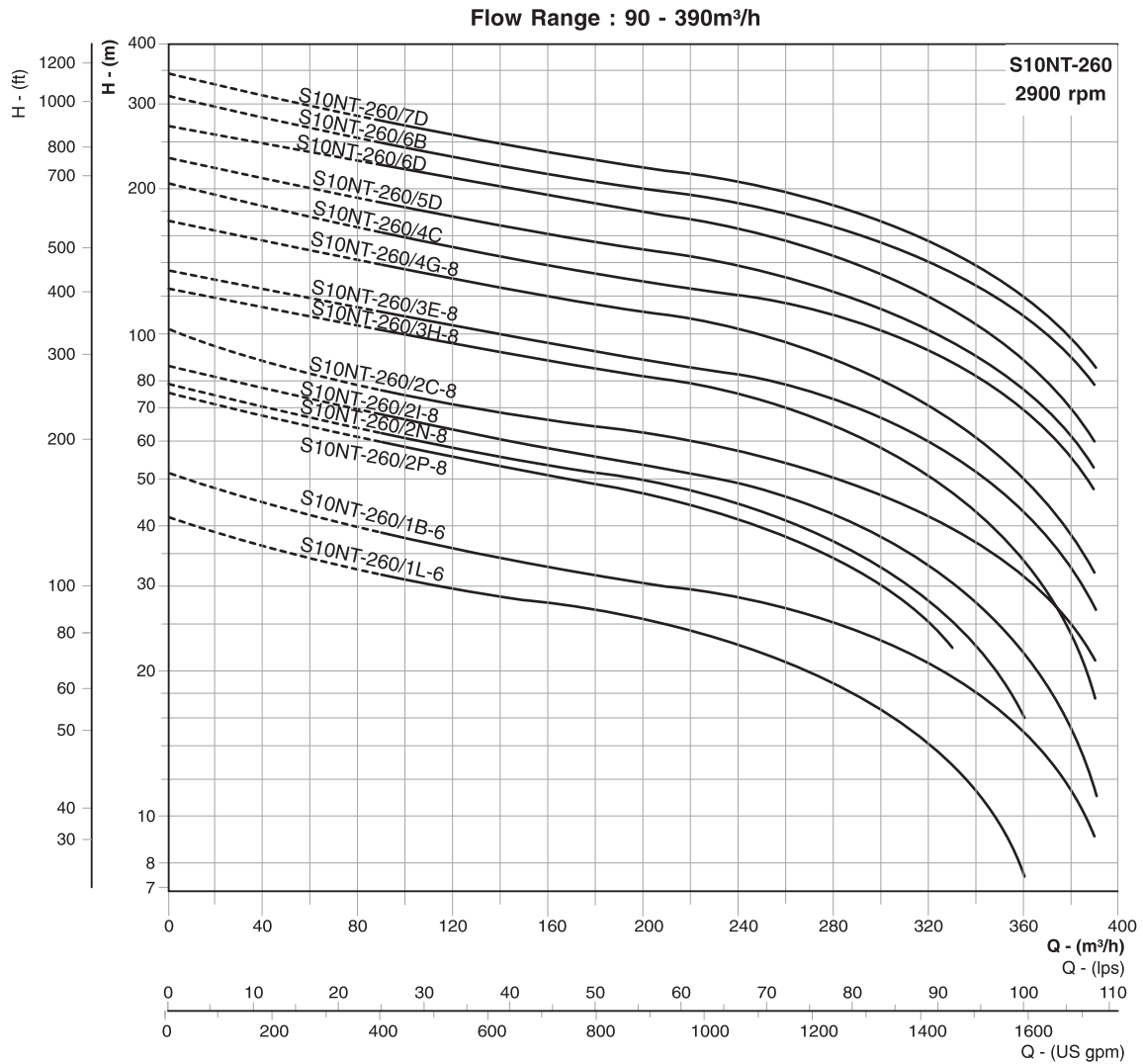
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **10"**

Nominal Flow : **260m³/h**

Outlet Size : **6"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

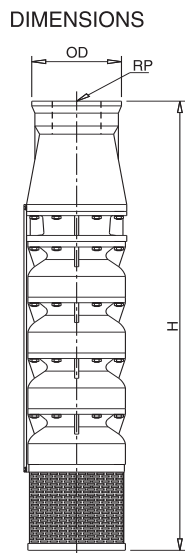
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **325m³/h**

Outlet Size : **7"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S12NT-325/1D-8	45	60	876	7"	298	99
S12NT-325/1B-8	55	75	876	7"	298	99
S12NT-325/1A-8	66	90	876	7"	298	99
S12NT-325/2E-8	75	100	1076	7"	298	129
S12NT-325/2D-8	92	125	1076	7"	298	129
S12NT-325/2A-10	110	150	1076	7"	298	129
S12NT-325/3C-10	130	175	1276	7"	298	158
S12NT-325/3B-10	150	200	1276	7"	298	158
S12NT-325/4D-10	185	250	1476	7"	298	188
S12NT-325/5E	220	300	1676	7"	298	217
S12NT-325/5D	250	340	1676	7"	298	217

Performance Table

PUMP MODEL	MOTOR kW	lps	0	50	58.3	66.6	75	79.1	83.3	87.5	91.6	100	108.3	116.6	125
		m ³ /h	0	180	210	240	270	285	300	315	330	360	390	420	450
S12NT-325/1D-8	45	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	56	46	44.5	43	41.5	40.5	39.5	38	36.5	33.5	29.5	25	20
			63	51	49.5	48	46.5	46	45	44	42.5	39	35.5	31	26
			66	55	54	52	51	49.5	49	48	46.5	44	40.5	37	33
			101	85	83	79	75	73	70	67	63	54	43.5	33	-
			118	98	95	92	89	87	84	81	78	69	59	47	-
			131	108	105	103	100	98	97	95	92	86	78	69	58
			169	139	134	130	125	122	120	117	112	102	87	65	-
			185	154	149	144	140	137	134	131	127	118	105	87	62
			225	193	188	183	176	172	167	162	156	140	123	102	-
			296	238	230	222	214	204	202	193	184	164	138	105	-
			320	259	252	245	236	231	225	218	208	188	167	138	100

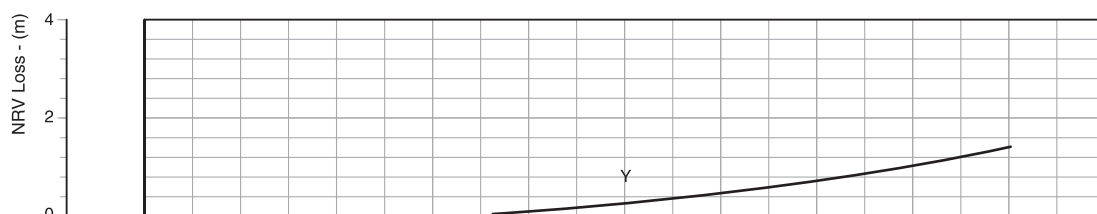
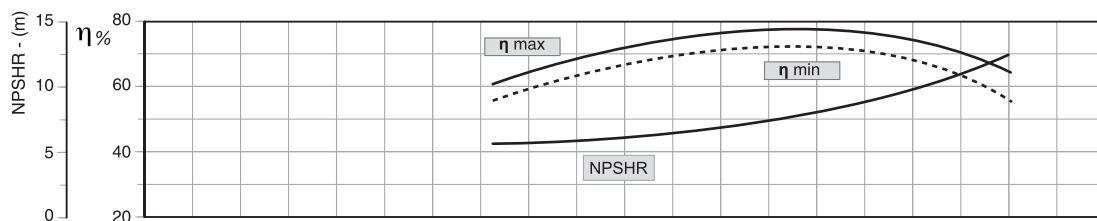
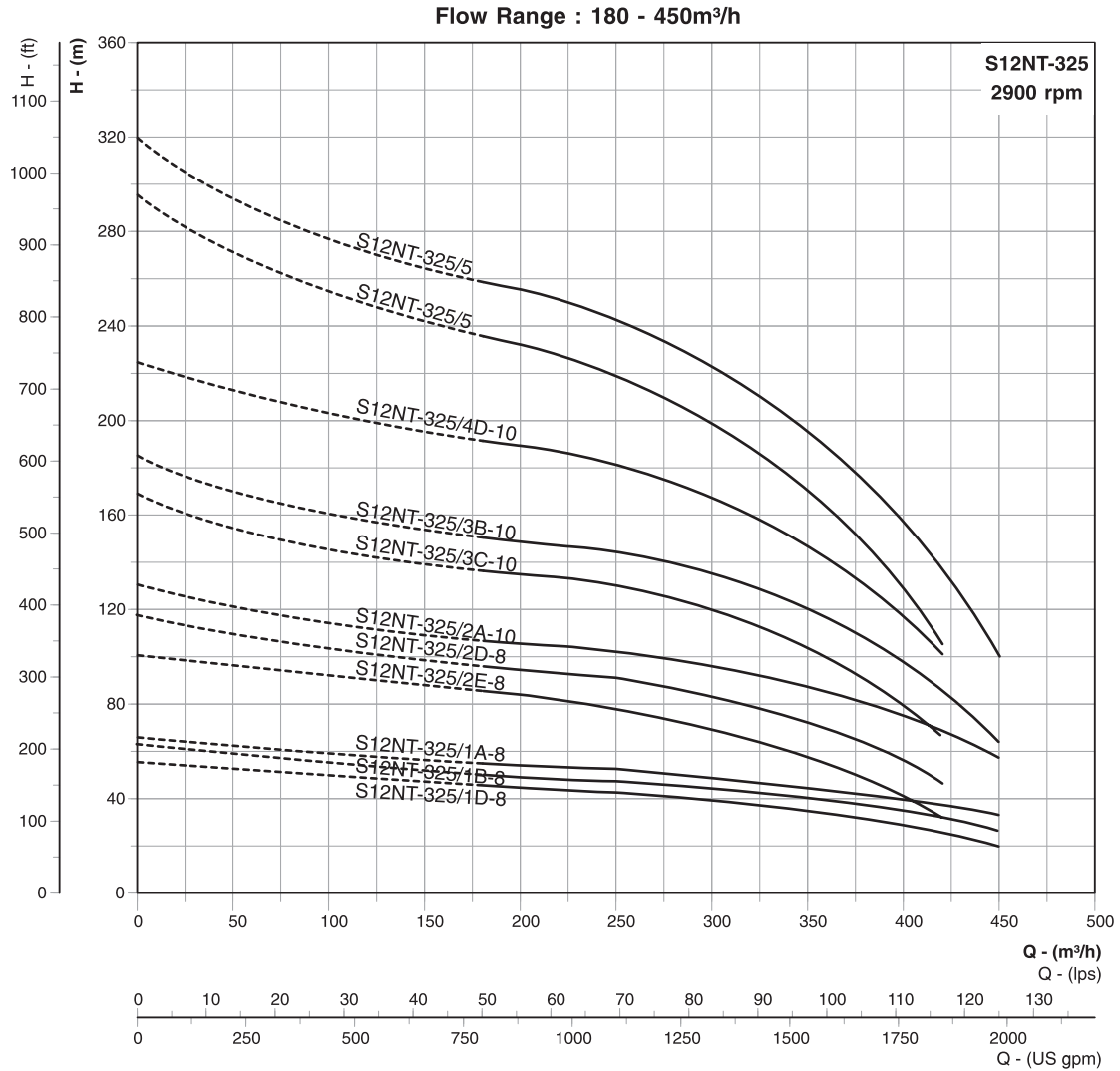
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **325m³/h**

Outlet Size : **7"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

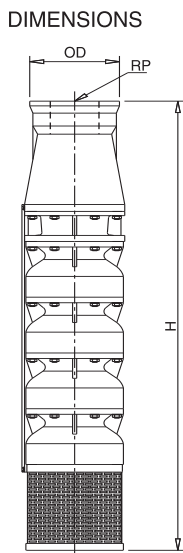
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **400m³/h**

Outlet Size : **7"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S12NT-400/1D-8	45	60	876	7"	298	96
S12NT-400/1A-8	55	75	876	7"	298	96
S12NT-400/2E-8	92	125	1076	7"	298	123
S12NT-400/2B-10	110	150	1076	7"	298	123
S12NT-400/3F-10	130	175	1276	7"	298	149
S12NT-400/3D-10	150	200	1276	7"	298	149
S12NT-400/4F-10	185	250	1476	7"	298	176
S12NT-400/4C	220	300	1476	7"	298	176
S12NT-400/5D	250	340	1676	7"	298	203

Performance Table

PUMP MODEL	MOTOR kW	ips	0	58.3	66.6	75	83.3	91.6	100	108.3	111.1	125	133.3	141.6	150
		m ³ /h	0	210	240	270	300	330	360	390	400	450	480	510	540
S12NT-400/1D-8	45	TOTAL MANOMETRIC HEAD IN METRES - (COLUMN WATER)	52	39.5	38	36.5	35	34	32.5	30.5	30	26	22.5	19	14
			59	44.5	43	41.5	40	39	38	36.5	36	32.5	30	26.5	22
			102	81	78	76	73	71	68	65	62	56	52	46	40.5
			115	91	88	86	83	81	78	75	72	66	61	54	46
			134	111	108	104	101	97	93	88	85	76	68	60	51
			157	124	121	117	114	110	107	103	100	91	84	76	67
			196	154	150	145	141	136	130	124	122	108	97	86	72
			221	174	169	165	161	157	152	147	144	131	122	111	96
			261	204	198	193	187	182	177	171	166	152	139	122	100

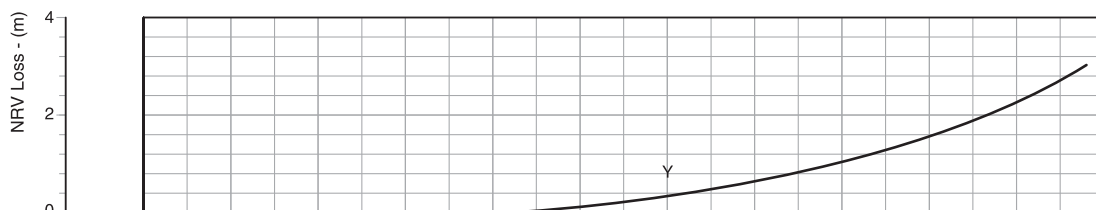
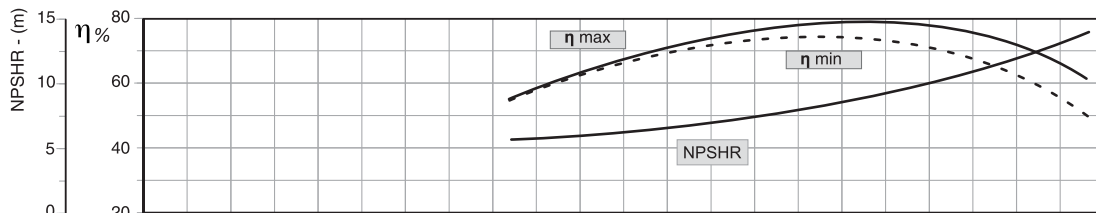
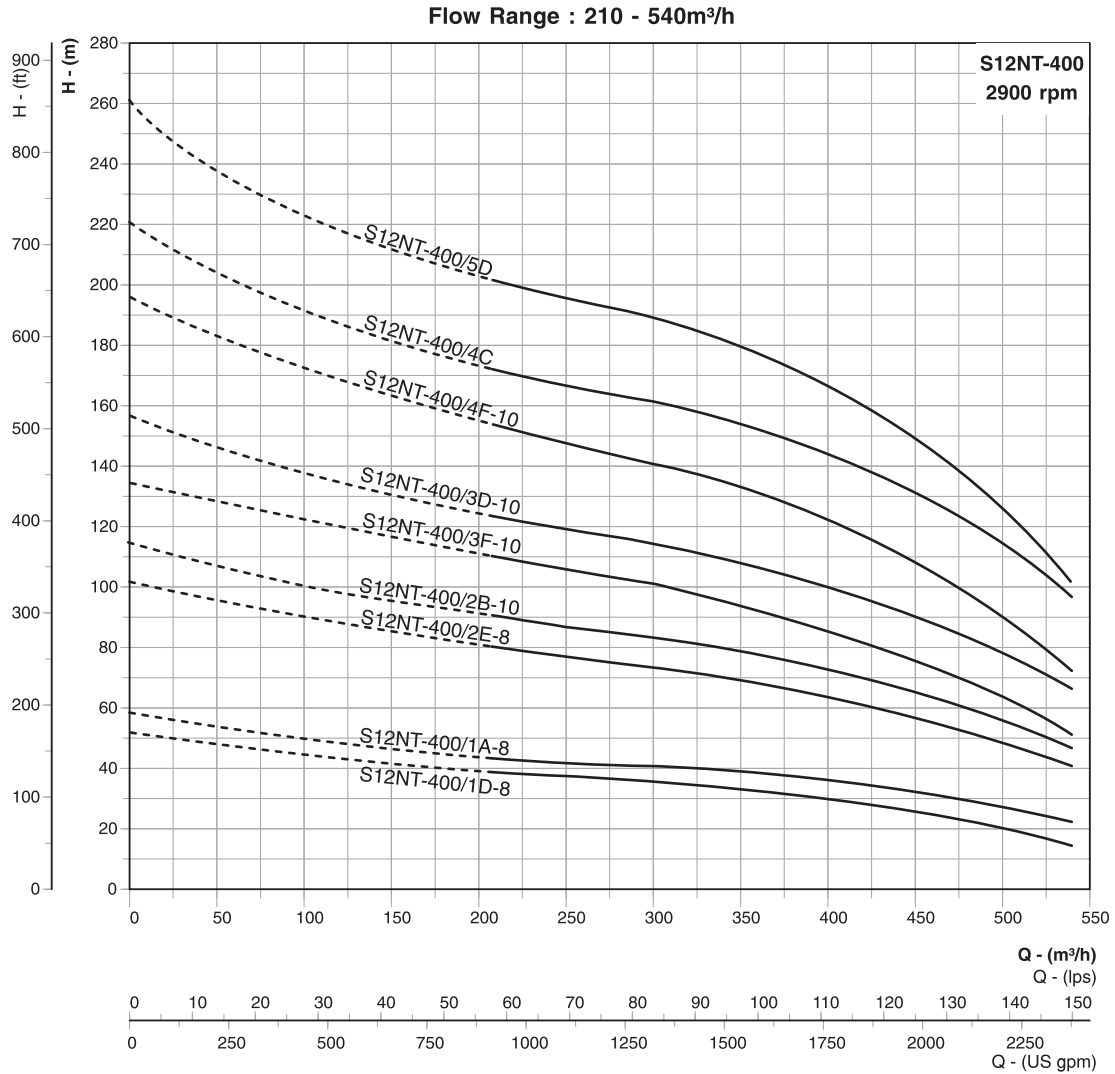
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **12"**

Nominal Flow : **400m³/h**

Outlet Size : **7"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

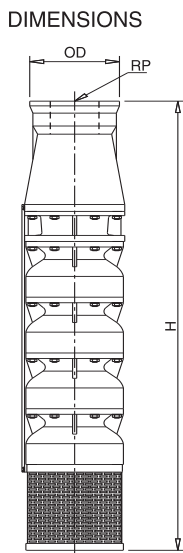
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **14"**

Nominal Flow : **600m³/h**

Outlet Size : **9"**

Dimensions & Weight Table



PUMP MODEL	Required Motor Power		H in mm	RP in Inch	OD Max. in mm	Weight in kg
	kW	HP				
S14NT-600/1I-8	75	100	1043	9"	340	140
S14NT-600/1E-8	92	125	1043	9"	340	140
S14NT-600/1B-10	110	150	1043	9"	340	140
S14NT-600/1A-10	130	175	1043	9"	340	140
S14NT-600/2H-10	150	200	1295	9"	340	183
S14NT-600/2F-10	170	230	1295	9"	340	183
S14NT-600/2D-10	185	250	1295	9"	340	183
S14NT-600/3J-12	220	300	1547	9"	340	226
S14NT-600/3G-12	250	340	1547	9"	340	226
S14NT-600/3C-12	300	400	1547	9"	340	226

Performance Table

PUMP MODEL	MOTOR kW	ips	0	50	83.3	100	116.6	133.3	150	166.6	183.3	200	216.6	225
		m ³ /h	0	180	300	360	420	480	540	600	660	720	780	810
S14NT-600/1I-8	75	TOTAL MANOMETRIC HEAD IN METRES (COLUMN WATER)	54	45	41	39.5	38.5	37	35	32	28	23	17.5	-
S14NT-600/1E-8	92		61	51.5	47	45.5	44	43	41.5	39.5	36	32	26	22.5
S14NT-600/1B-10	110		68.5	59	54	52.5	51	50	48.5	47	45	41	35.5	31.5
S14NT-600/1A-10	130		76	66	60.5	58.5	57	56.5	55.5	54	52.5	49	43.5	39.5
S14NT-600/2H-10	150		105.5	95	88	85.5	82.5	79.5	75	69.5	61.5	51.5	39	31
S14NT-600/2F-10	170		115	102	96	93.5	91	88	84	78.5	70.5	61	49.5	43
S14NT-600/2D-10	185		124	108	101.5	99.5	97	94.5	90.5	85.5	78	68.5	57	50.5
S14NT-600/3J-12	220		157.5	139.5	131.5	128	123.5	118.5	111.5	102	90	74.5	56.5	45.5
S14NT-600/3G-12	250		171	151.5	143	139.5	135.5	130.5	124	116	104	90	73	63
S14NT-600/3C-12	300		196	171	161.5	158	154.5	150	144.5	137.5	126.5	113	97	86.5

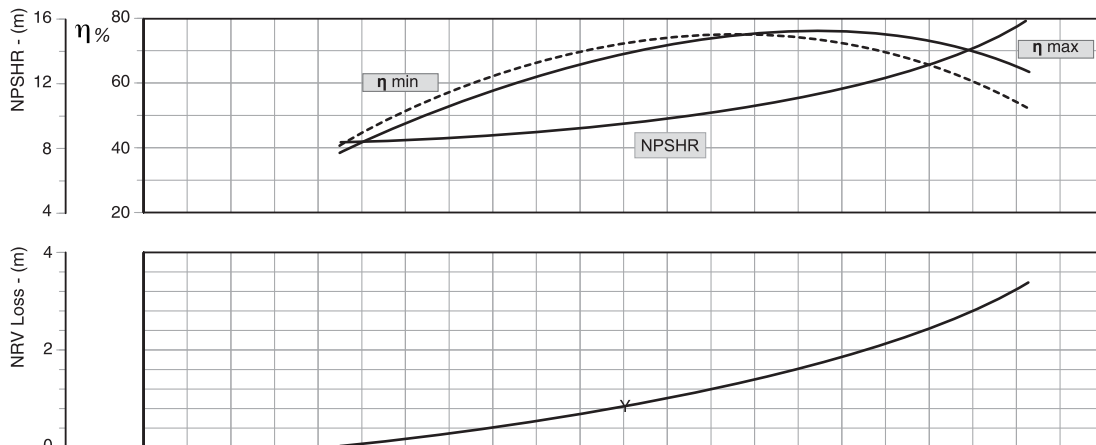
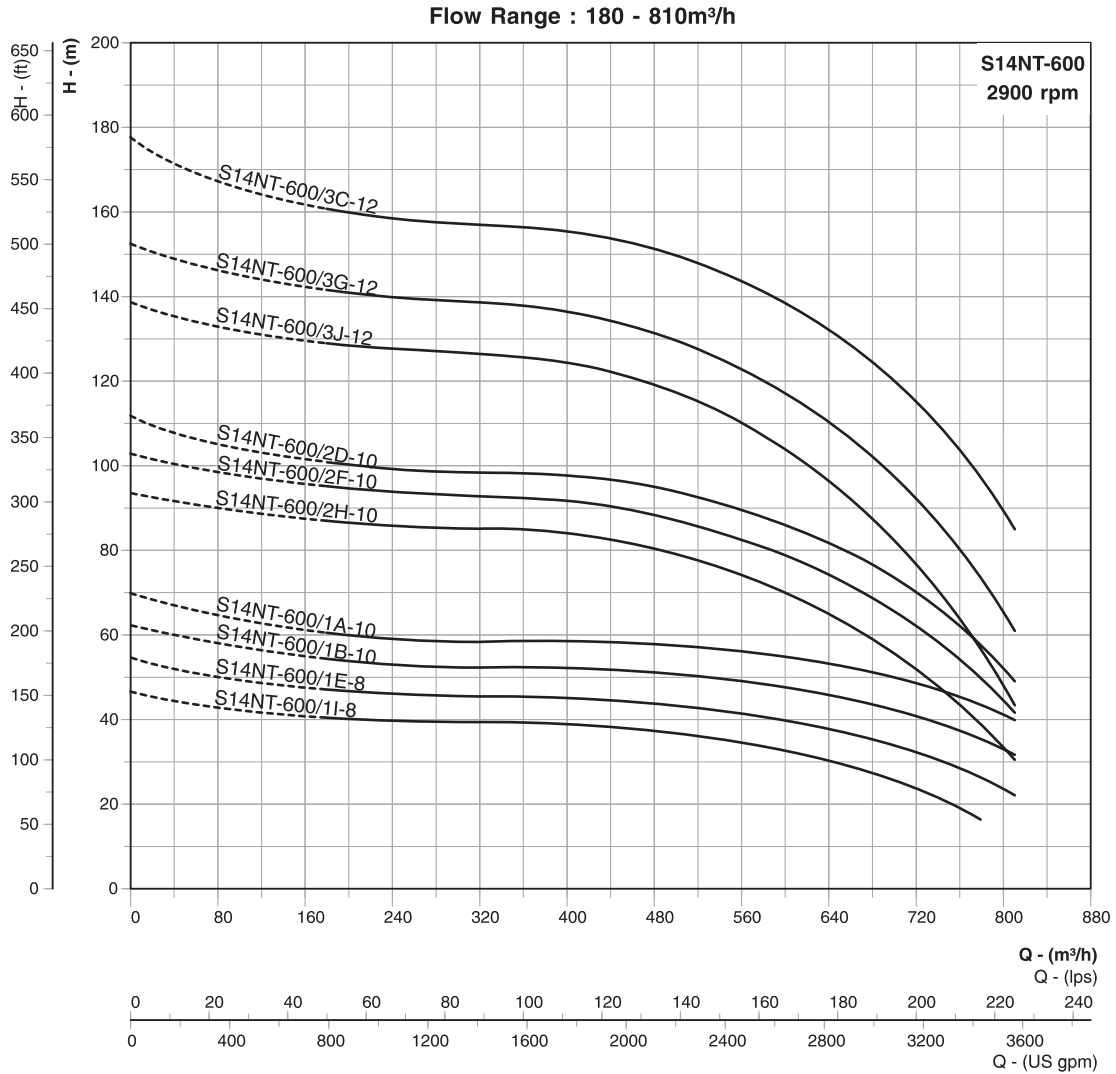
STAINLESS STEEL GRAND SERIES

Nominal Diameter : **14"**

Nominal Flow : **600m³/h**

Outlet Size : **9"**

Performance Curves



Refer General Information for performance curve conditions and for other details.
Curve tolerance according to ISO : 9906, Grade 3B.

PIPE FRICTION LOSS TABLE

FRICTION LOSS IN METERS FOR 10 METERS LONG NEW STEEL GALVANIZED PIPE (C = 140)

Volume rate of flow lps	Nominal Pipe Outer dia In mm / inches									
	25/ 1"	32/ 1¼"	40/ 1½"	50/ 2"	65/ 2½"	80/ 3"	100/ 4"	125/ 5"	150/ 6"	
0.50	0.364									
1.00	1.315	0.341								
1.25	1.988	0.516	0.246							
1.60	3.140	0.814	0.388							
2.00		1.231	0.587							
2.50		1.861	0.888	0.282						
3.2		2.940	1.402	0.446	0.126					
4.0			2.120	0.674	0.190					
5.0			3.205	1.019	0.288					
8.0				2.433	0.887	0.313				
10.0				3.678	1.038	0.474	0.131			
12.5					1.570	0.716	0.198			
16					2.479	1.131	0.312	0.111		
20					3.747	1.710	0.472	0.167		
25						2.585	0.713	0.253	0.106	
32						4.033	1.127	0.400	0.157	
40							1.704	0.605	0.252	
50							2.576	0.914	0.351	
60								1.281	0.534	
80								0.182	0.910	
100								3.299	1.376	
125										0.051

FRICTION LOSS IN METERS FOR 10 METERS LONG NEW RPVC PIPE (C = 150)

Volume rate of flow lps	Nominal Pipe Outer dia In mm / inches									
	40/ 1½"	50/ 2"	63/ 2½"	75/ 3"	90/ 3½"	110/ 4¼"	125/ 5"	140/ 5½"	160/ 6¼"	
0.50	0.074									
1.00	0.268									
1.25	0.405	0.131								
1.60	0.640	0.211								
2.00	0.967	0.310								
2.50	1.462	0.483	0.150							
3.20	2.309	0.762	0.250	0.106						
4.0	3.491	1.153	0.377	0.160						
5.0		1.742	0.571	0.242						
8.0		4.161	1.363	0.577	0.237					
10.0			2.060	0.873	0.358	0.133				
12.5			3.114	1.319	0.542	0.201				
16			4.919	2.084	0.856	0.317	0.172			
20				3.151	1.293	0.479	0.260			
25					1.955	0.725	0.392	0.225	0.117	
32					3.089	1.145	0.620	0.355	0.184	
40						1.731	0.937	0.537	0.279	
50						2.617	1.416	0.812	0.421	
60						3.008	1.985	1.138	0.590	
80							3.382	1.939	1.006	
100								2.931	1.521	
125										2.299

PIPE FRICTION LOSS TABLE

PERMISSIBLE RANGE OF VOLUME RATES OF FLOW IN l/s THROUGH GALVANIZED STEEL PIPE TO LIMIT FRICTION LOSSES TO 10 PERCENT OF THE PIPE LENGTH

Grade →	Light	Medium	Heavy
Nominal pipe dia in mm ↓	Rate of flow in lps	Rate of flow in lps	Rate of flow in lps
40	1.90 - 2.74	1.79 - 2.67	1.59 - 2.41
50	2.74 - 5.24	2.67 - 4.95	2.41 - 4.54
65	5.24 - 9.97	4.95 - 9.80	4.54 - 9.17
80	9.97 - 15.54	9.80 - 14.97	9.17 - 14.20
100	15.54 - 30.84	14.97 - 30.0	14.20 - 28.67
125	-	30.0 - 52.50	28.67 - 51.37
150	-	52.50 - 84.18	51.37 - 82.63

PERMISSIBLE RANGE OF VOLUME RATES OF FLOW IN l/s THROUGH RPVC PIPE TO LIMIT FRICTION LOSSES TO 10 PERCENT OF THE PIPE LENGTH

Grade →	Class (0.25Mpa)	Class (0.4Mpa)	Class (0.6Mpa)
Nominal pipe dia in mm ↓	Rate of flow in lps	Rate of flow in lps	Rate of flow in lps
40	-	-	Up to 2.04
50	-	-	2.04 - 3.70
63	-	3.80 - 7.24	3.70 - 6.77
75	-	7.24 - 11.47	6.77 - 10.76
90	11.50 - 19.58	11.47 - 18.50	10.76 - 17.41
110	19.58 - 33.25	18.59 - 31.71	17.41 - 29.75
125	33.25 - 46.63	31.71 - 44.33	29.75 - 41.44
140	46.63 - 62.92	44.33 - 59.79	41.44 - 55.97
160	62.92 - 89.28	59.79 - 84.95	55.97 - 79.76

CONVERSION TABLE

FLOW RATE

litre per second l/s	litre per minute l/min	cubic meter per hour m ³ /h	cubic foot per hour ft ³ /h	cubic foot per minute ft ³ /min	Imp.gallon per minute Imp.gal./min	US gallon per minute Us gal./min	Us barrel per day ls barrel/d (Petroleum)
1	60	3.6	127.133	2.1189	13.2	15.85	543.439
0.017	1	0.06	2.1189	0.0353	0.22	0.264	9.057
0.278	16.667	1	35.3147	0.5886	3.666	4.403	150.955
0.008	0.472	0.0283	1	0.0167	0.104	0.125	4.275
0.472	28.317	1.6990	60	1	6.229	7.480	256.475
0.076	4.546	0.2728	9.6326	0.1605	1	1.201	41.175
0.063	3.785	0.2271	8.0209	0.1337	0.833	1	34.286
0.002	0.110	0.0066	0.2339	0.0039	0.024	0.029	1

LIQUID

Cubic meter m ³	litre l	Milli litre ml	Imp. gallon Imp. Gal	US gallon US gal	cubic foot ft ³
1	1000	1 x 10 ⁶	220	264.2	35.3147
0.001	1	1000	0.22	0.2642	0.0353
1 x 10 ⁶	0.001	1	2.2 x 10 ⁻⁴	2.642 x 10 ⁻⁴	3.53 x 10 ⁻⁵
0.00455	4.546	4546	1	1.201	0.1605
0.00378	3.785	3785	0.8327	1	0.1337
0.0283	28.317	28317	6.2288	7.4805	1

LIQUID HEAD AND PRESSURE

newton per square meter N/m ² (Pa)	kilo pascal kPa	bar	kilogram force per square centimeter Kgf/cm ²	pound force per square inch psi	foot for water ft H ₂ O	meter of water m H ₂ O	millimeter of mercury mm Hg	inch of mercury in Hg
1	0.001	1 x 10 ⁻⁵	1.02 x 10 ⁻⁵	1.45 x 10 ⁻⁴	3.35 x 10 ⁻⁴	1.02 x 10 ⁻⁴	0.0075	2.95 x 10 ⁻⁴
1000	1	0.01	0.0102	0.145	0.335	0.102	7.5	0.295
1 x 10 ⁵	100	1	1.02	14.5	33.52	10.2	750.1	29.53
98,067	98.07	0.981	1	14.22	32.81	10	735.6	28.96
6895	6.895	0.069	0.0703	1	2.31	0.703	51.72	2.036
2984	2.984	0.03	0.0305	0.433	1	0.305	22.42	0.882
9789	9.789	0.098	0.1	1.42	3.28	1	73.42	2.891
133.3	0.133	0.0013	0.0014	0.019	0.045	0.014	1	0.039
3386	3.386	0.0338	0.0345	0.491	1.133	0.0345	25.4	1

LENGTH

millimeter mm	centimeter cm	meter m	inch in	feet ft	yard yd
1	0.1	0.001	0.0394	0.0033	0.0011
10	1	0.01	0.3937	0.0328	0.0109
1000	100	1	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1	0.0833	0.0278
304.8	30.48	0.3048	12	1	0.3333
914.4	91.44	0.9144	36	3	1

1 Kilometer = 1000 metres = 0.62137 miles 1 mile = 1609.37 metres = 1.60934 kilometers

MASS

kilogram kg	pound lb	hundred weight (cwt)	tonne t	ton long tn	short ton sh tn
1	2.205	0.0197	0.001	9.84 x 10 ⁻⁴	0.0011
0.454	1	0.0089	4.54 x 10 ⁻⁴	4.46 x 10 ⁻⁴	5.0 x 10 ⁻⁴
50.802	112	1	0.0508	0.05	0.056
1000	2204.6	19.684	1	0.9842	1.1023
1016	2240	20	1.0161	1	1.102
907.2	2000	17.857	0.9072	0.8929	1

TEMPERATURE

To Convert From	To	Use Formula
Temperature Celsius, tc	Temperature Kelvin, tk	K = tc + 273.15
Temperature Fahrenheit, tf	Temperature Kelvin, tk	K = (tf + 459.67 / 1.8)
Temperature Celsius, tc	Temperature Fahrenheit, tf	F = 1.8 tc + 32
Temperature Fahrenheit, tf	Temperature Celsius, tc	C = (tf - 32) / 1.8
Temperature Kelvin, tk	Temperature Celsius, tc	C = tk - 273.15
Temperature Kelvin, tk	Temperature Fahrenheit, tf	F = 1.8tk - 459.67

WINNING WAYS

When you have a good thing going it is quite in the fitting of things that recognitions come our way. Several prestigious awards, which decorate our shelf, say it all. These rewards not only acknowledge our position as a leader in the water pump industry but also serve as reminders about what the customer expects from a winner. And we, as ever, have our ears perfectly tuned to customer expectations.



C.R.I. PUMPS (PVT) LIMITED

(International Division)

7/46-1, Keeranatham Road, Saravanampatty, Coimbatore - 641 035. India.

Tel : +91-422-3911610, 3911612. Fax : +91-422-3911600

e-mail : cri@criexports.com website: www.crigroups.com

C.R.I. BOMBAS HIDRÁULICAS LTDA

Av. Rodrigo Fernando Grillo, 457, Jd. Manacas,
CEP - 14.801-534, Araraquara - SP, Brasil.

Fone : +55-81-3093 9600, Fax +55-16-3331 5344

e-mail: cri@cribombas.com.br website: www.cribombas.com.br

Filial : Jaboatão dos Guararapes-PE. Fone : +55-16-81487012

C.R.I. PUMPS S.A. (PTY) LIMITED

P.O. Box 6292, Halfway House, Midrand - 1685, Johannesburg,
South Africa. Tel : +27-11-8058631 / 32 Fax : +27-11-8058630

e-mail: cri@cripumps.co.za website: www.cripumps.co.za

Branch : Capetown : + 27-21-931 2516

C.R.I. POMPA SANAYİ VE TİCARET LİMİTED ŞİRKETİ

10032 Sk. No:12 A.O.S.B. 35620 Çiğli-İzmir-Türkiye.

Tel:+90-232-328 22 99 Fax:+90-232-328 23 33

e-mail: cri@cripompa.com website: www.cripompa.com

C.R.I. PUMPS (Shanghai) Co., Ltd.

Building 53 (No. 17), 588 Yindu Road, Minhang District,
Shanghai, China. Tel : +8621-54405082,

Fax : +8621-54405083

e-mail : cri@bombascri.com.cn

website : www.bombascri.com.cn

BOMBAS C.R.I. ESPAÑA, S.L.

Poligono Industrail El.Bony Calle 31, No. 137, 46470
Catarroja (Valencia) Spain.

Tel: +34-96 1842 974 Fax: +34-96 1842 977.

E-mail: cri@bombascri.es

Website: www.bombascri.es

C.R.I. PUMPS (FZE)

P.O. Box 7988, A4-12 SAIF-Zone, Sharjah, U.A.E.

Tel : +971-6-5573041 (3 Lines),

Fax : +971-6-5573042

e-mail : cripumps@eim.ae website: www.cripumps.ae



<https://www.youtube.com/user/cripumpsglobal>



<https://www.facebook.com/criglobal>

