



NORDIK PUMPS



SVM

VERTICAL MULTISTAGE CENTRIFUGAL PUMP

50Hz



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Introduction

SVM, SVMT is a high efficiency and energy-saving vertical multi-stage centrifugal pump. The centrifugal force generated by the impeller of the rotary pump drives the fluid to transfer. Its pump body and motor are composed of main shaft, impeller, diffuser, pump case and mechanical seal, and connected by coupling.

SVM, SVMT series can be used as booster pump alone or as auxiliary booster equipment in the booster system of construction and industry. Its piping structure ensures that the pump is directly installed in the same horizontal piping system with the same diameter in and out. This design makes the structure and piping of the pump more compact.

SVM, SVMT series vertical multi-stage centrifugal pump can be installed vertically or horizontally on pipeline according to different installation space. In the case of horizontal installation, the pump needs to be added with fixed module to ensure the stability of the pump during operation.

Pump material

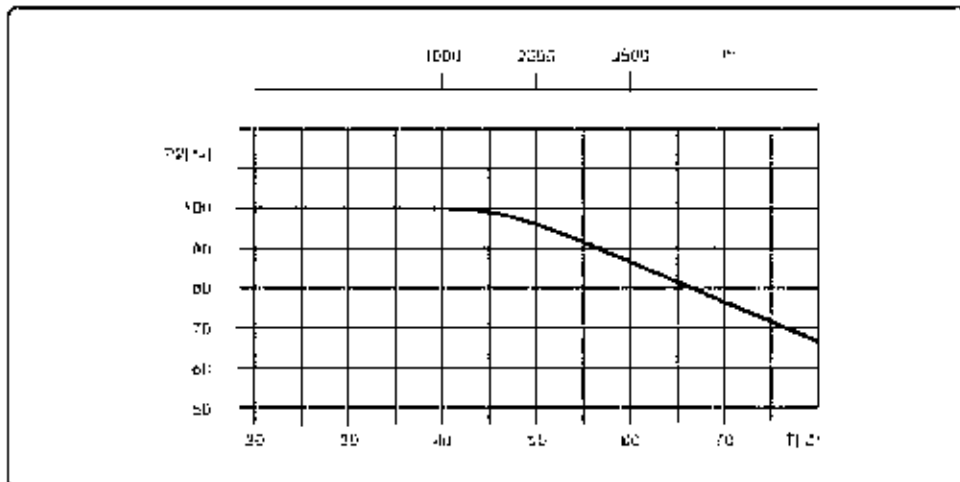
Cast iron
Stainless steel(AISI304/316)
Duplex stainless steel(2205)

Pipe connection

DIN flange, ANSI flange
Thread
Tri-Clamp
Oval flange

Ambient temperature

If the ambient temperature exceeds the 40 °C or the pump is installed at an altitude exceeding 1000 m, the motor output power P2 will decrease. In such cases, it is necessary to use a motor with a higher rated output.



Motor

- Totally enclosed, fan-cooled, 2-pole standard motors
- Enclosure class IP55
- Insulation class: F
- Voltage: 3x220-240/380-415V
1x220-240V
- Available with single-phase motors(0.37kW-2.2kW)

Liquid temperature °C

- Normal temperature pump: -15°C to +70°C
- Hot temperature pump: -15°C to +120°C

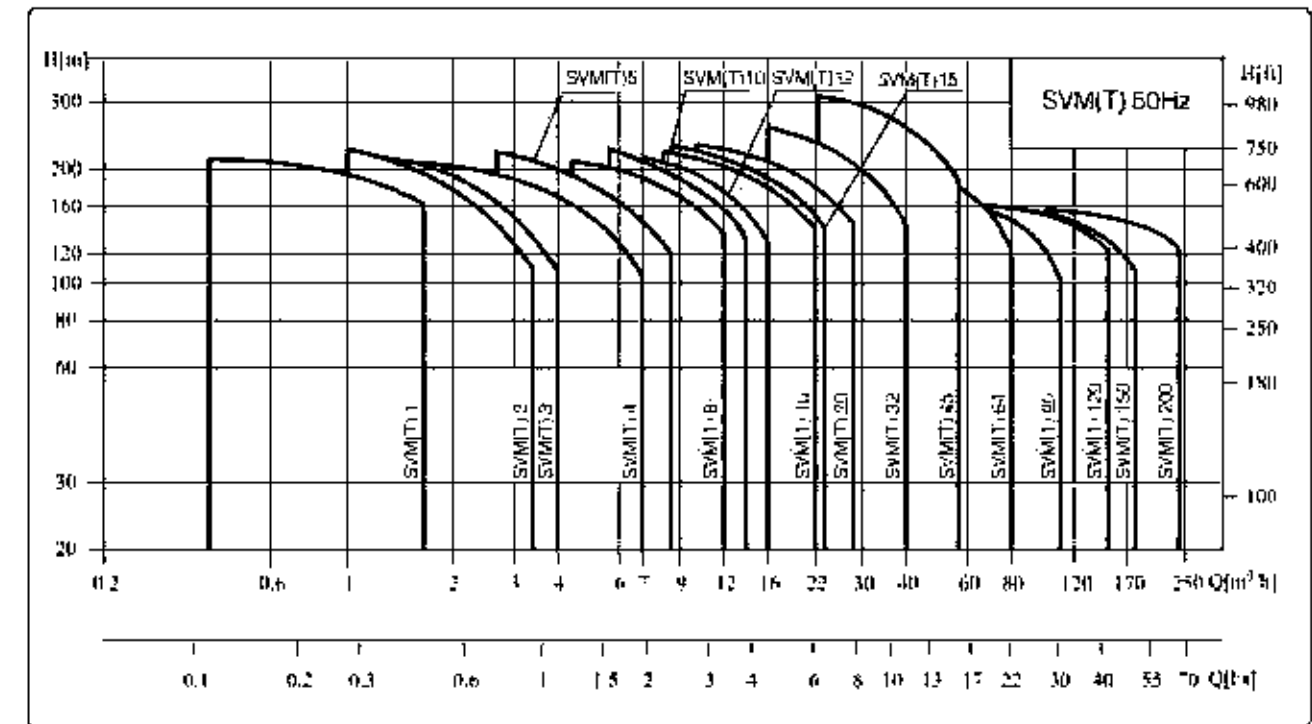
Performance curves

- The motors used for the measurements are based on 2900rpm or 2950 rpm
- Tolerances to ISO 9906
- Measurements have been made with airless water at a temperature of 20°C
- The curves apply to the following kinematic viscosity: $\nu = 1 \text{ mm}^2/\text{s}$
- Select a best efficiency of the pump which is operating within the bold curve of the pump performance.

Pump operating conditions

- Pumping liquids which are thin, clean, non-flammable, non-combustible or non-explosive liquids, not containing solid particles or fibers
- Maximum ambient temperature: +40 °C
- Maximum altitude above sea level: 1000 m

Pump performance range



Minimum inlet pressure, NPSH

Cavitation may occur if the following conditions exist during the operation of the water pump:

- The water tank or pool is lower than the water pump inlet.
- High liquid temperature.
- Actual flow significantly greater than rated flow.
- Pressure in the pump lower than the vaporization pressure of the conveying liquid.

To avoid cavitation, make sure there is a minimum pressure on the inlet side of the pump. The maximum suction range H (m) can be calculated as follows:

P_b = Atmospheric pressure (atmospheric pressure can be set to 1 bar)

In closed system, P_b is system pressure

H_i = Net positive suction head (can be read from the maximum possible flow rate of the pump on the NPSH curve)

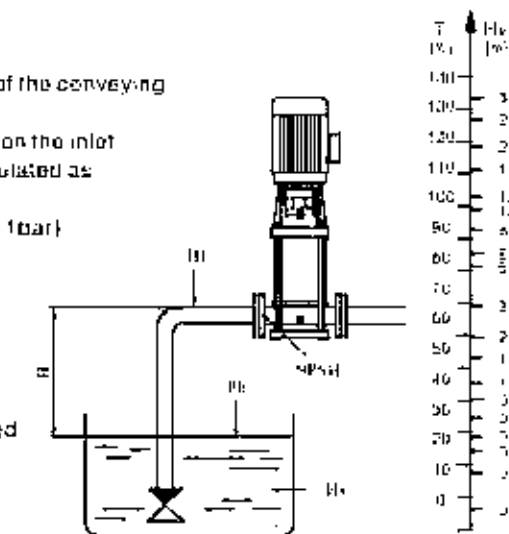
H_f = Pipeline loss at inlet

H_v = Vaporization pressure

H_s = Safety margin = Minimum 0.5m head

If the calculated value of H is positive, the pump can be operated at the maximum suction range H .

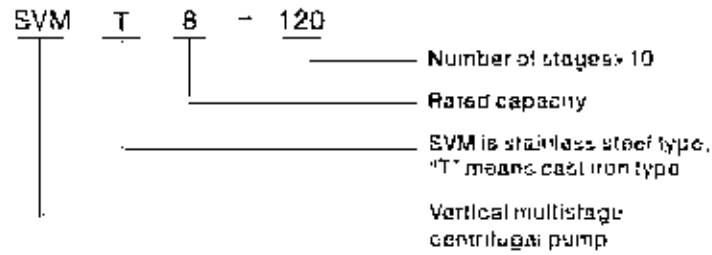
If the calculated H is negative, there must be a head with minimum inlet pressure H .



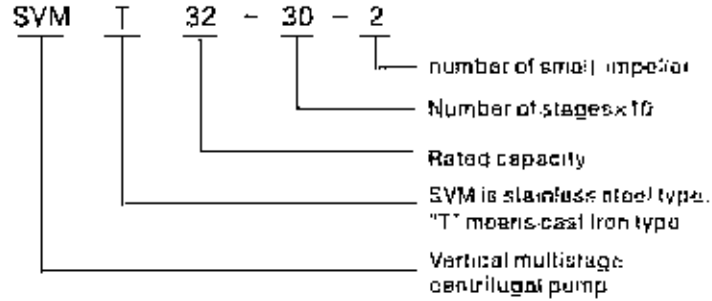
Minimum inlet pressure

Definition of model

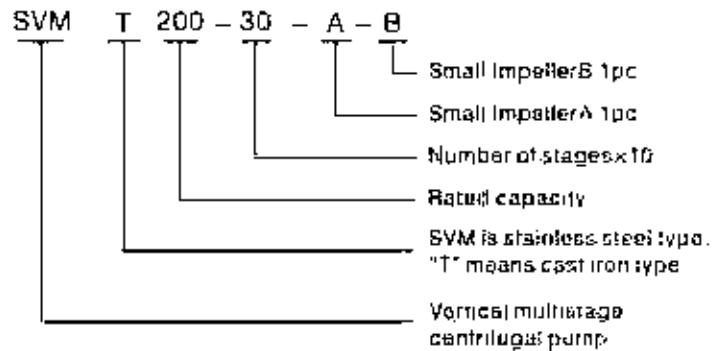
SVM/SVMT 1, 2, 3, 4, 5, 8, 10, 12, 15, 16, 20



SVM/SVMT 32, 45, 64, 90, 120, 150



SVM, SVMT 200



Motor

- Full-enclosed 3~1-blade two-pole standard motor
- Protection class: IP55
- Insulation class: F
- Standard voltage 50Hz: 3*220-230/346-440V
3*220-255/380-440V
3*220-277/380-480V

Operation conditions

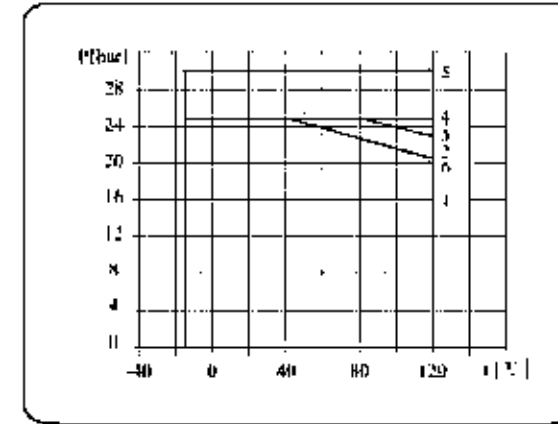
- Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers
- Liquid temperature:
Normal temperature type: -15°C ~ +70°C
Hot water type: +5°C ~ +120°C
- Ambient temperature: up to +40°C
- Altitude: up to 1000m

Applications

- Water supply**
 - Water filter
 - Supercharging
 - Pressurization of hotels
 - Industrial pressurization
- Industrial boosting**
 - Cleaning system
 - High pressure flushing system
 - Firefighting system
 - Car cleaning equipment
- Industrial liquid transport**
 - Cooling air conditioning system
 - Boiler feed water
 - Condensing system and cooling tower
 - Machine tool cooling lubrication system
- Water treatment**
 - Ultrafiltration system
 - Reverse osmosis system
 - Desalination system
 - Separator
 - Swimming pool
- Irrigation**
 - Regional irrigation
 - Sprinkler irrigation
 - Drip irrigation
 - Greenhouse irrigation

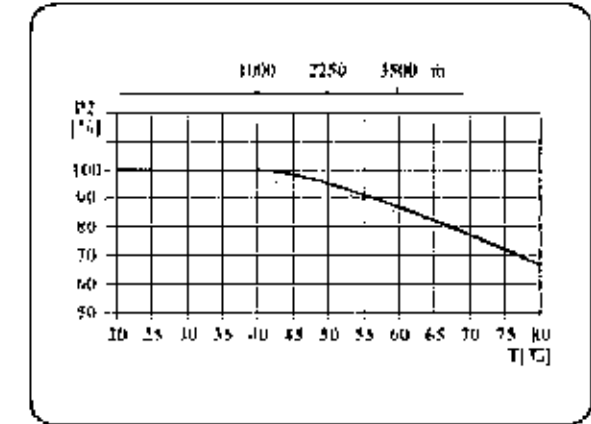
Max working pressure

The following figure shows the limitation of pressure and temperature, which shall be in the scope as shown in the figure



Max. Ambient temperature

When the pump operates under ambient temperature higher than 40°C, or under altitude higher than 1000m, because of low air density and poor cooling effects, the motor output power P2 will be decreased to certain extent. If the pump is operated under the above-said conditions, it should be equipped with motor of higher power.



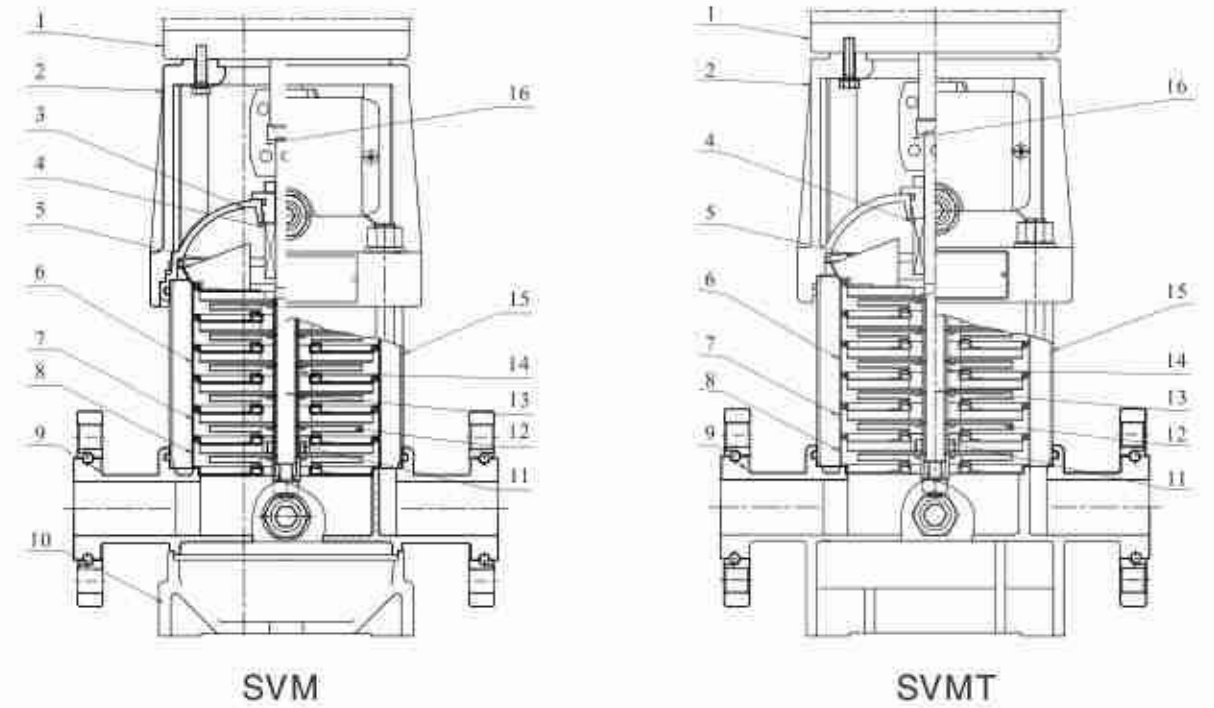
Model	Curve number
SVMT 1, 2, 3, 4, 5 Flange	2
SVMT 1, 2, 3, 4, 5 Oval Flange	1
SVM 1, 2, 3, 4, 5	2
SVMT 8, 10, 12, 15, 16, 20 Flange	3
SVMT 8, 10, 12, 15, 16, 20 Oval Flange	1
SVM 8, 10, 12, 15, 16, 20	3
SVM, SVMT 32	
32-10-1 ~ 32-50-2	1
32-50 ~ 32-90-2	4
32-80 ~ 32-100-2	5
SVM, SVMT 45	
45-10-1 ~ 45-30	1
45-40-2 ~ 45-60	4
45-70-2 ~ 45-70	5
SVM, SVMT 64	
64-10-1 ~ 64-30	1
64-40-2 ~ 64-50-2	4
SVM, SVMT 90	
90-10-1 ~ 90-30	1
90-40-2	4
SVM, SVMT 120, 150, 200	6

Product range introduction

Parameter	SVM(T)1	SVM(T)2	SVM(T)3	SVM(T)4	SVM(T)5	SVM(T)8	SVM(T)10	SVM(T)12	SVM(T)15	SVM(T)16	SVM(T)20
Rated flow rate [m³/h]	1	2	3	4	5	8	10	12	15	16	20
Rated flow rate [l/s]	0.28	0.56	0.83	1.1	1.39	2.2	2.78	3.3	4.17	4.4	5.6
Flow rate [m³/h]	0.4~1.8	1~3.5	1.2~4	1.5~7	2.5~8.5	5~12	5~13	7~16	8~23	8~22	10~28
Flow rate [l/s]	0.11~0.5	0.28~0.97	0.33~1.1	0.42~1.9	0.69~2.36	1.39~3.3	1.39~3.61	1.9~4.4	2.22~6.39	2.2~6.1	2.8~7.8
Maximum pressure [bar]	21	23	22	21	24	21	23	22	23	22	23
Power [kW]	0.37~2.2	0.37~3	0.37~3	0.37~4	0.37~5.5	0.75~7.5	0.75~7.5	1.5~11	1.1~15	2.2~15	1.1~18.5
Temperature range [°C]	-15~120										
Highest efficiency [%]	44	46	50	58	63	62	70	63	73	66	69
SVM Pipe connection											
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50
Thread	R ₁ 1 ¹ / ₄	R ₁ 1 ¹ / ₂	R ₁ 1 ¹ / ₄	R ₁ 1 ¹ / ₄	R ₁ 1 ¹ / ₂	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"	R ₁ 2"
Clamp connection	DN32	DN32	DN32	DN32	DN32	DN50	DN50	DN50	DN50	DN50	DN50
SVMT Pipe connection											
DIN flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50
Oval flange	R ₀ 1	R ₀ 1	R ₀ 1	R ₀ 1 ¹ / ₄	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂	R ₀ 1 ¹ / ₂

Parameter	SVM/SVMT32	SVM/SVMT45	SVM/SVMT64	SVM/SVMT90	SVM/SVMT120	SVM/SVMT150	SVM/SVMT200
Rated flow rate [m³/h]	32	45	64	90	120	150	200
Rated flow rate [l/s]	8.9	12.5	17.8	25	33.3	41.7	55.6
Flow rate [m³/h]	16~40	25~55	30~80	50~110	60~150	80~180	100~240
Flow rate [l/s]	4.4~11	6.9~15.3	8~22	14~30	17~42	22~50	28~67
Maximum pressure [bar]	26	30	22	17	16	16	16
Power [kW]	1.5~30	3~45	4~45	5.5~45	11~75	11~75	18.5~110
Temperature range [°C]	-15~120						
Highest efficiency [%]	74	75	76	77	74	73	79
Pipe connection							
DIN flange	DN65	DN80	DN100	DN100	DN125	DN125	DN150

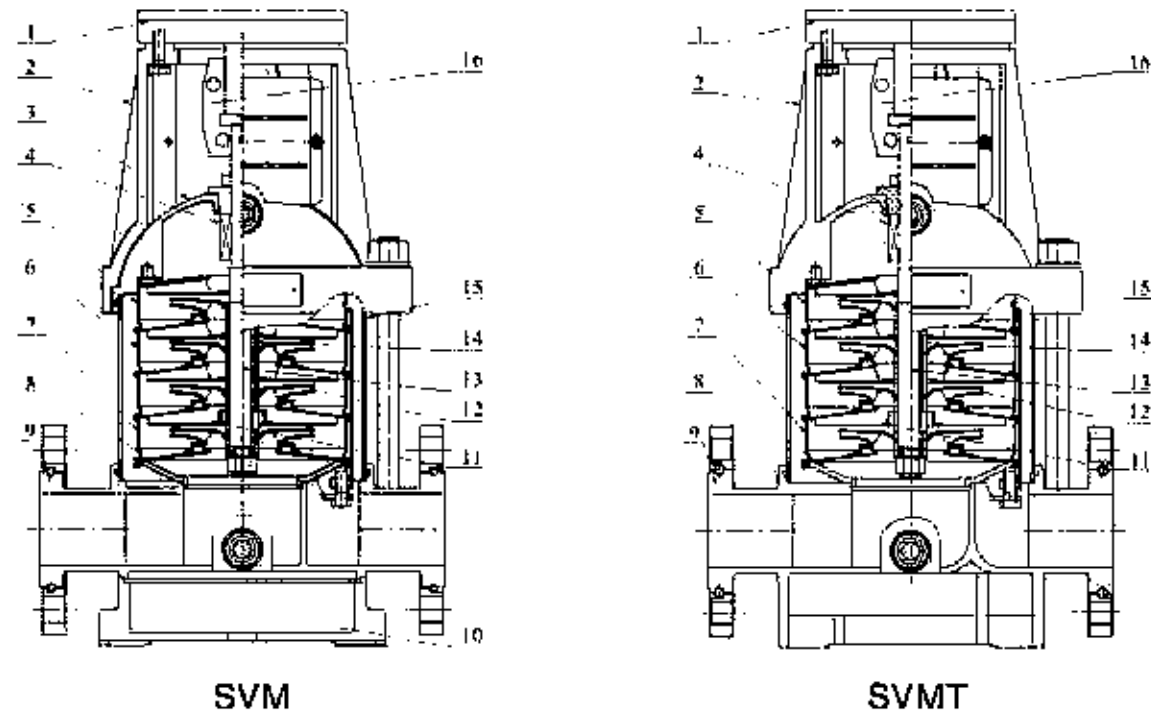
Structure SVM/SVMT1,2,3,4,5



Materials SVM/SVT1,2,3,4,5

No.	Spare parts	Materials		GB		EN DIN		AISI/ASTM	
		SVMT	SVM	SVMT	SVM	SVMT	SVM	SVMT	SVM
1	Motor	/		/		/		/	
2	Bracket	Cast iron / Ductile cast iron		GB9439-HT200 / GB 1348-QT500-7		EN1561 EN-GJL-200 / EN 1563 EN-GJS-500-7		ASTM258 / ASTM A536 65-45-12	
3	Seal base	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
4	Mechanical seal	/		/		/		/	
5	Top diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
9	Impeller	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Cylinder	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bearing	WC		/		/		/	
13	Inducer	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Inlet&outlet chamber	Cast iron / Stainless steel		GB 9439-HT200 / GB/T20878-06Cr19Ni10		EN 1561 EN-GJL-200 / EN 1563 EN-GJS-500-7		ASTM258 / AISI304	
15	Base	Cast iron		GB 9439-HT200		EN1561 EN-GJL-200		ASTM258	

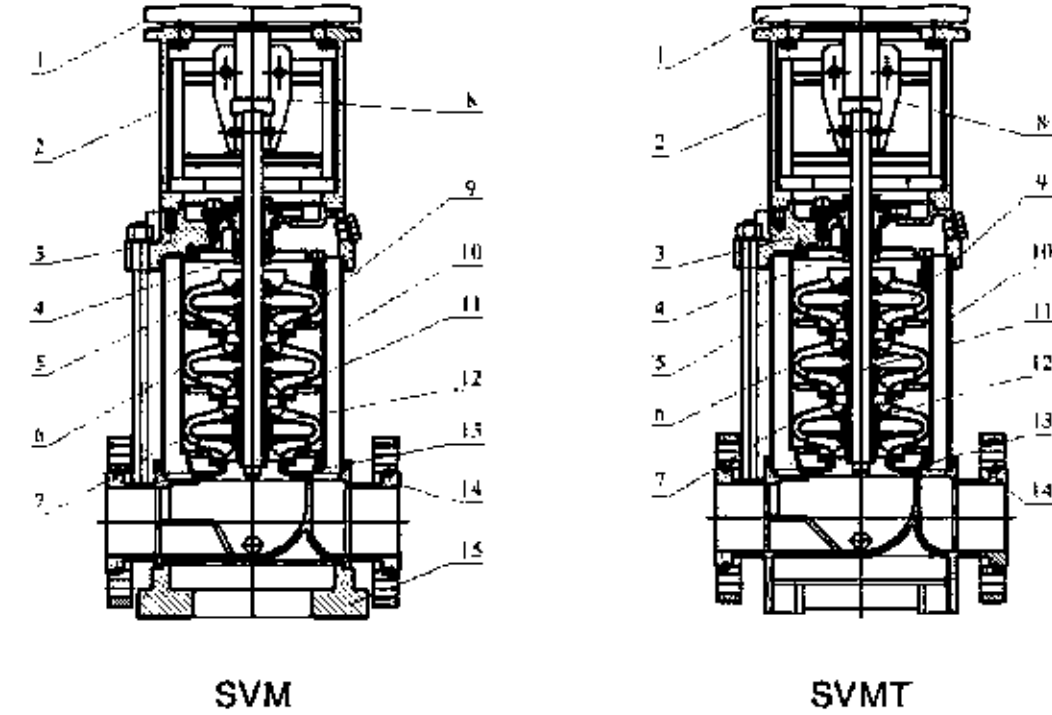
Structure SMH/SVMT8,10,12,15,16,20



Materials SVM/SVMT8,10,12,15,16,20

No.	Spare parts	Materials		GB		EN/DIN		AISI/ASTM	
		SVMT	SVM	SVMT	SVM	SVMT	SVM	SVMT	SVM
1	Motor	/	/	/	/	/	/	/	/
2	Bracket	Cast iron /Ductile cast iron		GB 9439-HT200 /GB 1348-QT500-7		EN 1561 EN-GJL-200 /EN 1563 EN-GJS-500-7		ASTM 258 /ASTM A536 65-45-12	
3	Seal base	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
4	Mechanical seal	/	/	/	/	/	/	/	/
5	Top diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
9	Impeller	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Cylinder	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bearing	WC		/		/		/	
13	Inducer	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Inlet&outlet chamber	Cast iron /Stainless steel		GB 9439-HT200 /GB/T20878-06Cr19Ni10		EN 1561 EN-GJL-200 /EN 1563 EN-GJS-500-7		ASTM 258 /AISI304	
15	Base	Cast Iron		GB 9439-HT200		EN 1561 EN-GJL-200		ASTM 258	

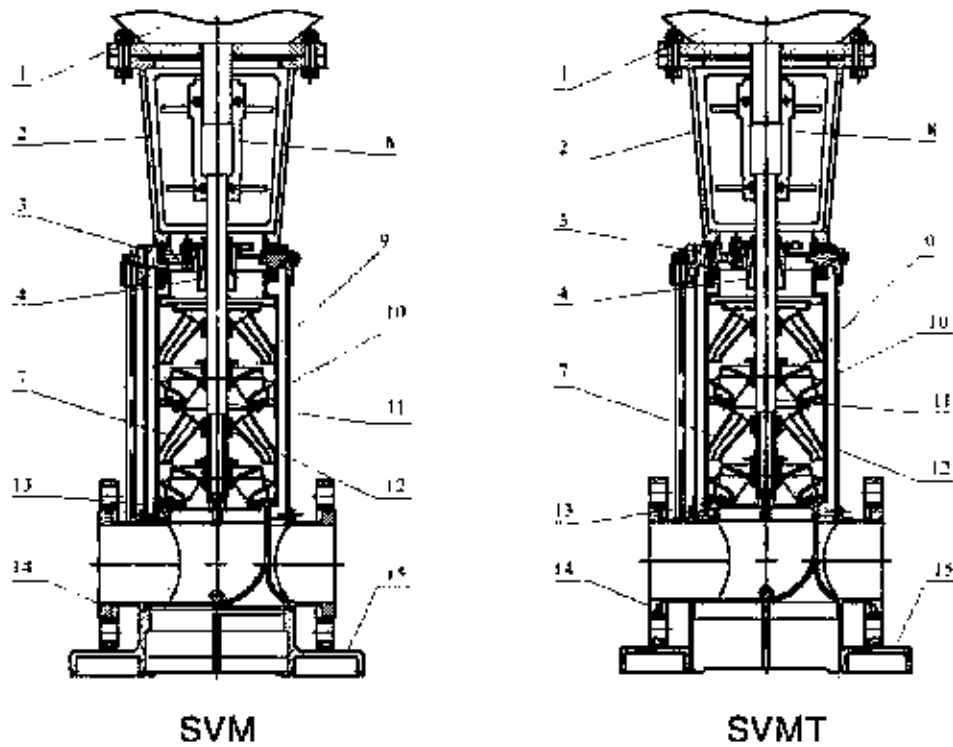
Structure SVM/SVMT32,45,64,90



Materials SVM/SVMT32,45,64,90

No.	Spare parts	Materials		GB		EN/DIN		AISI/ASTM	
		SVMT	SVM	SVMT	SVM	SVMT	SVM	SVMT	SVM
1	Motor	/	/	/	/	/	/	/	/
2	Bracket	Cast iron /Ductile cast iron		GB 9439-HT200 /GB 1348-QT500-7		EN 1561 EN-GJL-200 /EN 1563 EN-GJS-500-7		ASTM 258 /ASTM A536 65-45-12	
3	Seal base	Ductile cast iron /Stainless steel		GB 1348-QT500-7 /GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 /EN 10088-1.4301		STM A536 65-45-12 AISI304	
4	Mechanical seal	/	/	/	/	/	/	/	/
5	Top diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
6	Diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
7	Support diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
8	Coupling	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
9	Impeller	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
10	Cylinder	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
11	Shaft	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
12	Bearing	WC		/		/		/	
13	Inducer	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1.4301		AISI304	
14	Inlet&outlet chamber	Ductile cast iron /Stainless steel		GB 1348-QT500-7 /GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 /EN 10088-1.4301		STM A536 65-45-12 AISI304	
15	Base	Cast Iron		GB 9439-HT200		EN 1561 EN-GJL-200		ASTM 258	

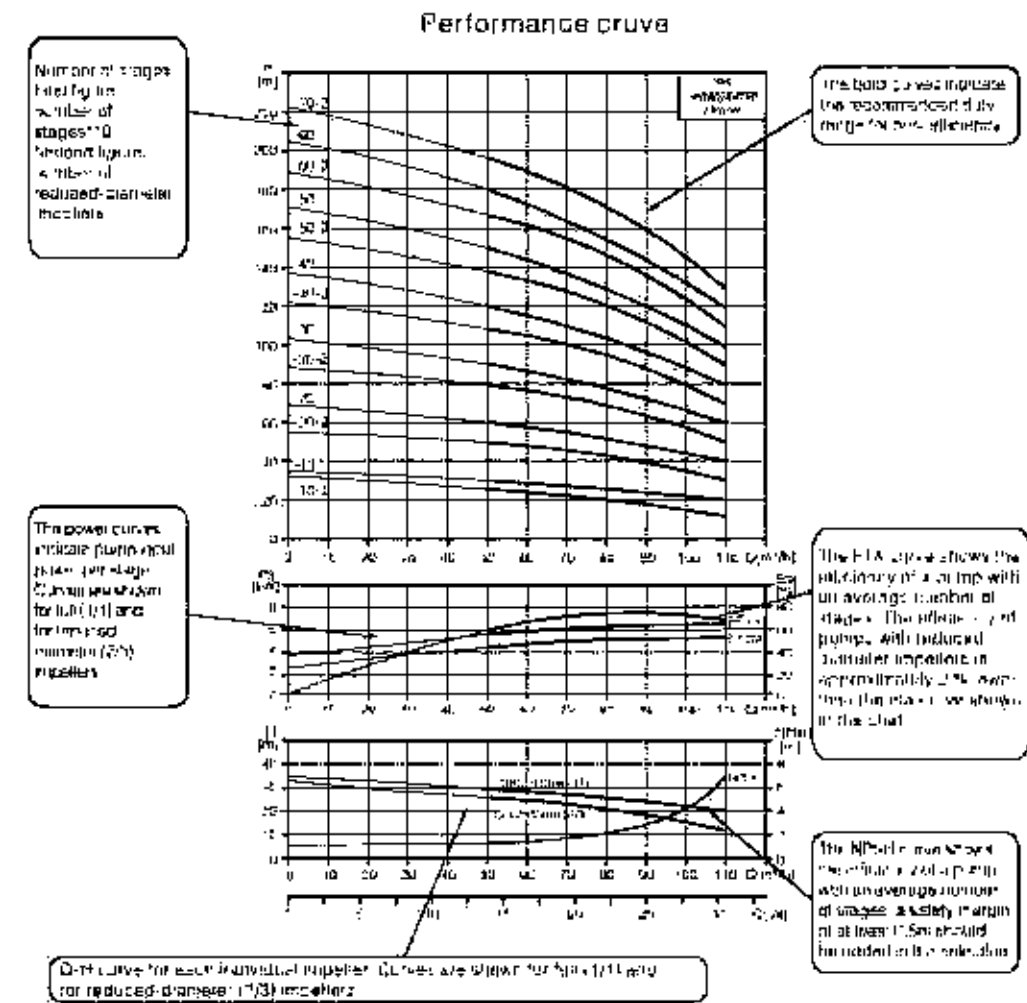
Structure SVM/SVMT120,150,200



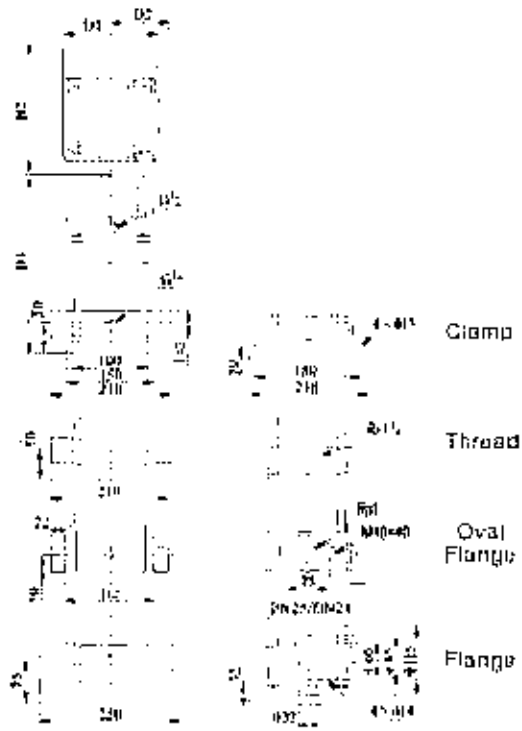
Materials SVM/SVMT120,150,200

No.	Spare parts	Materials		GB		EN/DIN		AISI/ASTM	
		SVMT	SVM	SVMT	SVM	SVMT	SVM	SVMT	SVM
1	Motor	/		/		/		/	
2	Bracket	Ductile cast iron / Stainless steel		GB 1348-QT500-7 / GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 / EN 10088-1-4301		ASTM A536 65-45-12 / AISI304	
3	Seal base	Ductile cast iron / Stainless steel		GB 1348-QT500-7 / GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 / EN 10088-1-4301		STM A536 65-45-12 / AISI304	
4	Mechanical seal	/		/		/		/	
5	Top diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
6	Diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
7	Support diffuser	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
8	Coupling	Ductile cast iron		GB 1348-QT500-7		EN 1563 EN-GJS-500-7		ASTM A536 65-45-12	
9	Impeller	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
10	Cylinder	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
11	Shaft	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
12	Bearing	WC		/		/		/	
13	Inducer	Stainless steel		GB/T20878-06Cr19Ni10		EN 10088-1-4301		AISI304	
14	Inlet&outlet chamber	Ductile cast iron / Stainless steel		GB 1348-QT500-7 / GB/T20878-06Cr19Ni10		EN 1563 EN-GJS-500-7 / EN 10088-1-4301		STM A536 65-45-12 / AISI304	
15	Base	Cast Iron		GB 9439-HT200		EN 1561 EN-GJL-200		ASTM25B	

Curve charts reading



Installation dimensions and weight

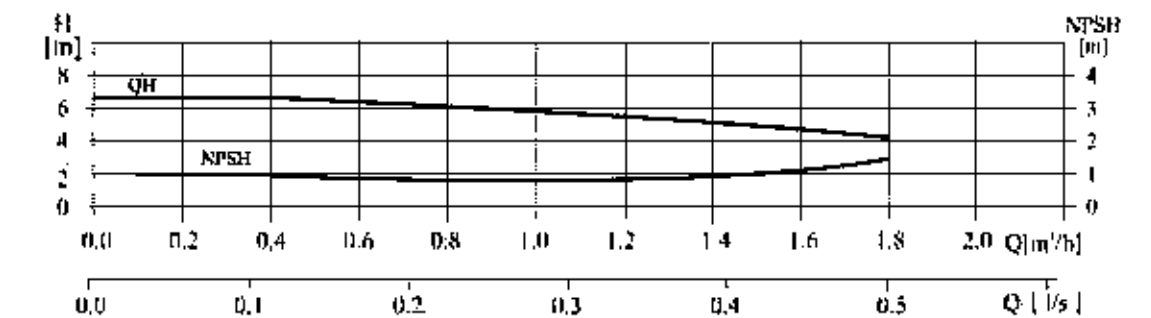
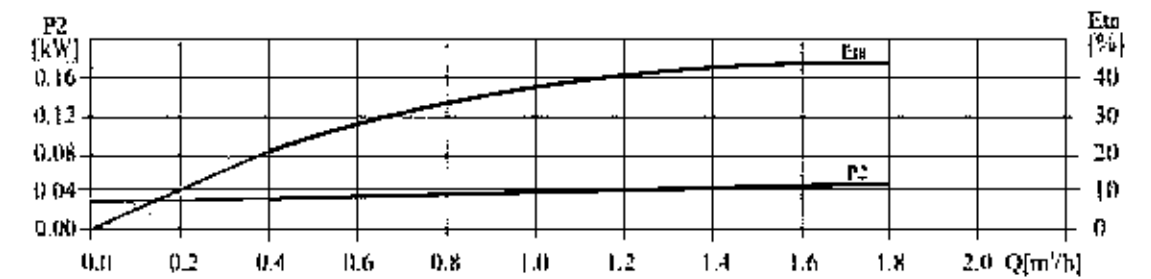
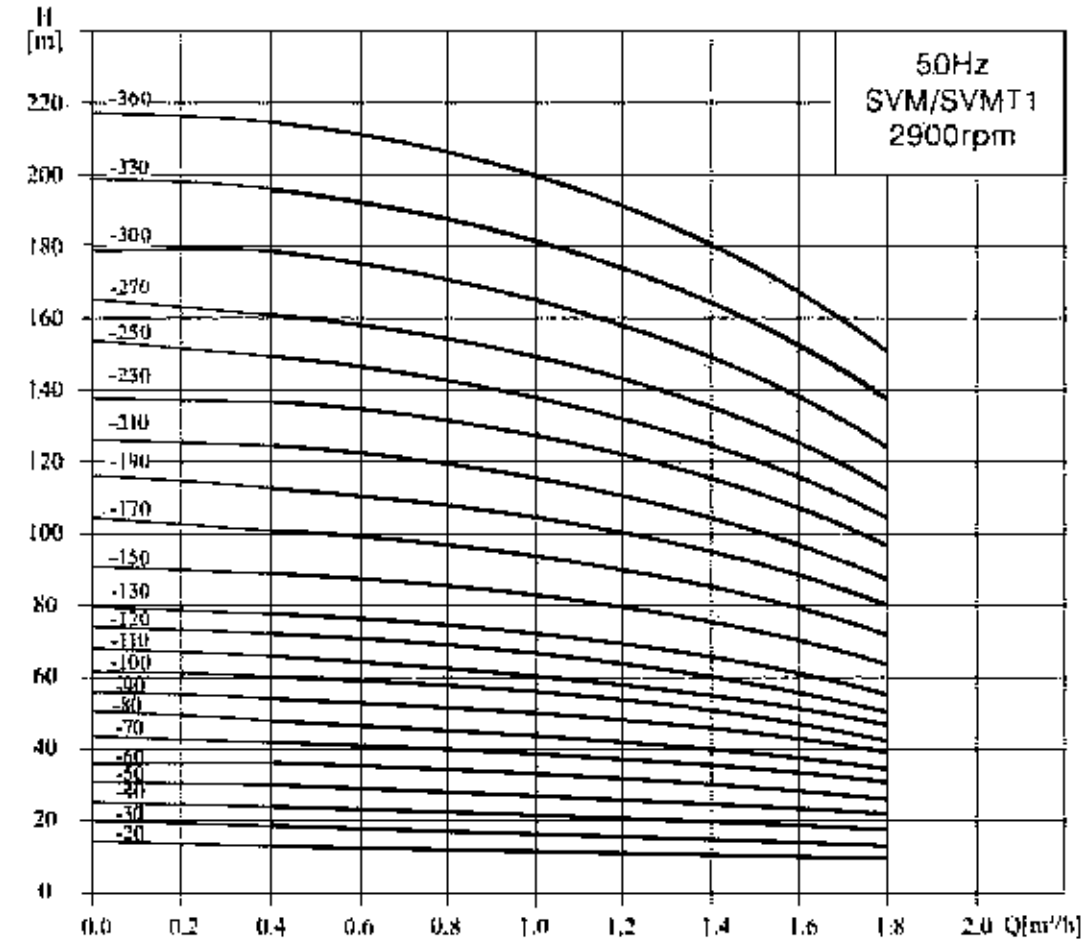


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1-B2	D1	D2	
SVM(T)1-20	258	239	497	148	117	20
SVM(T)1-30	276	239	516	148	117	20
SVM(T)1-40	294	239	533	148	117	21
SVM(T)1-50	312	239	551	148	117	21
SVM(T)1-60	330	239	569	148	117	22
SVM(T)1-70	348	239	587	148	117	23
SVM(T)1-80	366	239	605	148	117	24
SVM(T)1-90	384	239	623	148	117	25
SVM(T)1-100	402	239	641	148	117	26
SVM(T)1-110	420	239	659	148	117	26
SVM(T)1-120	448	280	728	170	142	28
SVM(T)1-130	466	280	746	170	142	30
SVM(T)1-150	502	280	782	170	142	31
SVM(T)1-170	538	280	818	170	142	33
SVM(T)1-180	574	280	854	170	142	34
SVM(T)1-210	610	280	890	170	142	35
SVM(T)1-230	646	280	926	170	142	36
SVM(T)1-250	692	333	1025	180	155	42
SVM(T)1-270	728	333	1061	180	155	43
SVM(T)1-300	782	333	1115	180	155	45
SVM(T)1-330	836	333	1169	180	155	48
SVM(T)1-360	890	333	1223	180	155	51

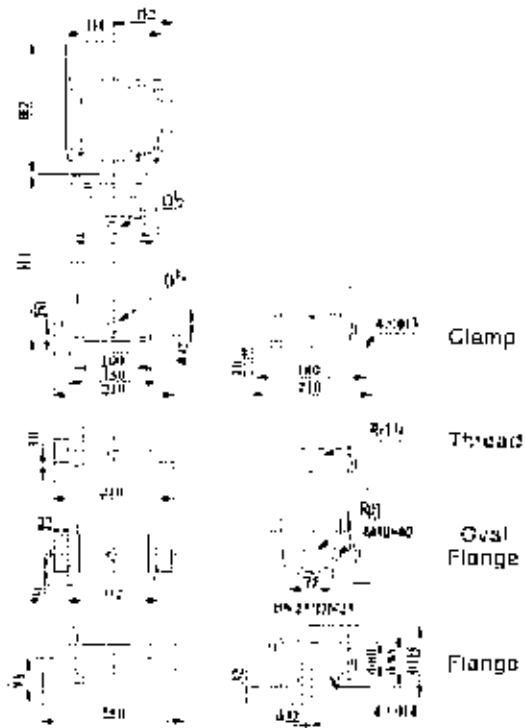
Performance data

Model	Power		Q (m³/h)	H (m)															
	kW	Hp		0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8								
SVM(T)1-20	0.37	0.5	12	12.5	12	11.5	11	10.5	10	9.5									
SVM(T)1-30	0.37	0.5	19	18	17.5	17	16.5	16	15	14									
SVM(T)1-40	0.37	0.5	24	23.5	23	22.5	21.5	21	19	18									
SVM(T)1-50	0.37	0.5	30	29.8	29	28	27	26	24	22									
SVM(T)1-60	0.37	0.5	36	35.5	35	33.5	33	31	28	26									
SVM(T)1-70	0.37	0.5	42	41	40.5	39	38	36	33	30									
SVM(T)1-80	0.55	0.75	48	47	46	45	43	41	38	34									
SVM(T)1-90	0.55	0.75	54	53	52	51	49	46	43	39									
SVM(T)1-100	0.55	0.75	60	59	58	57	54	51	48	43									
SVM(T)1-110	0.55	0.75	66	65	63	61	59	56	52	47									
SVM(T)1-120	0.75	1	72	71	69	67	64	61	57	51									
SVM(T)1-130	0.75	1	78	77	75	73	69	66	62	55									
SVM(T)1-150	0.75	1	89	88	86	84	79	76	71	63									
SVM(T)1-170	1.1	1.5	101	99	97	95	89	86	80	71									
SVM(T)1-180	1.1	1.5	113	110	108	106	99	96	89	79									
SVM(T)1-210	1.1	1.5	124	122	120	117	110	106	98	87									
SVM(T)1-230	1.1	1.5	137	132	131	128	121	116	107	96									
SVM(T)1-250	1.5	2	149	145	143	139	131	126	118	104									
SVM(T)1-270	1.5	2	161	157	155	150	141	136	125	112									
SVM(T)1-300	1.5	2	178	175	171	166	157	150	139	124									
SVM(T)1-330	2.2	3	196	192	188	183	173	165	154	137									
SVM(T)1-360	2.2	3	214	210	205	200	190	181	169	151									

Performance curve



Installation dimensions and weight

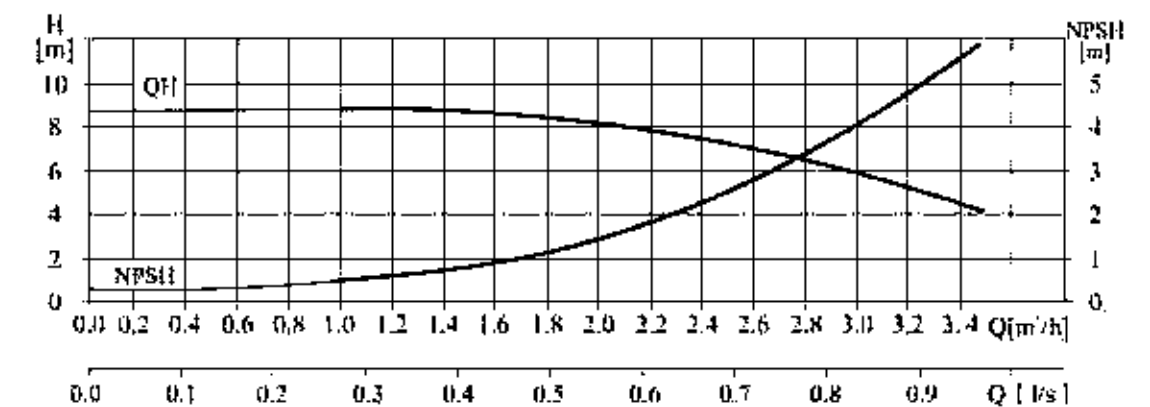
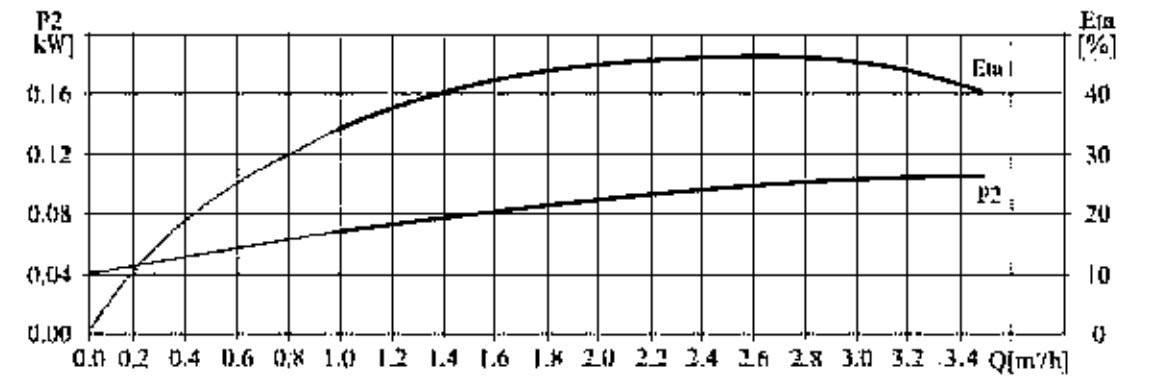
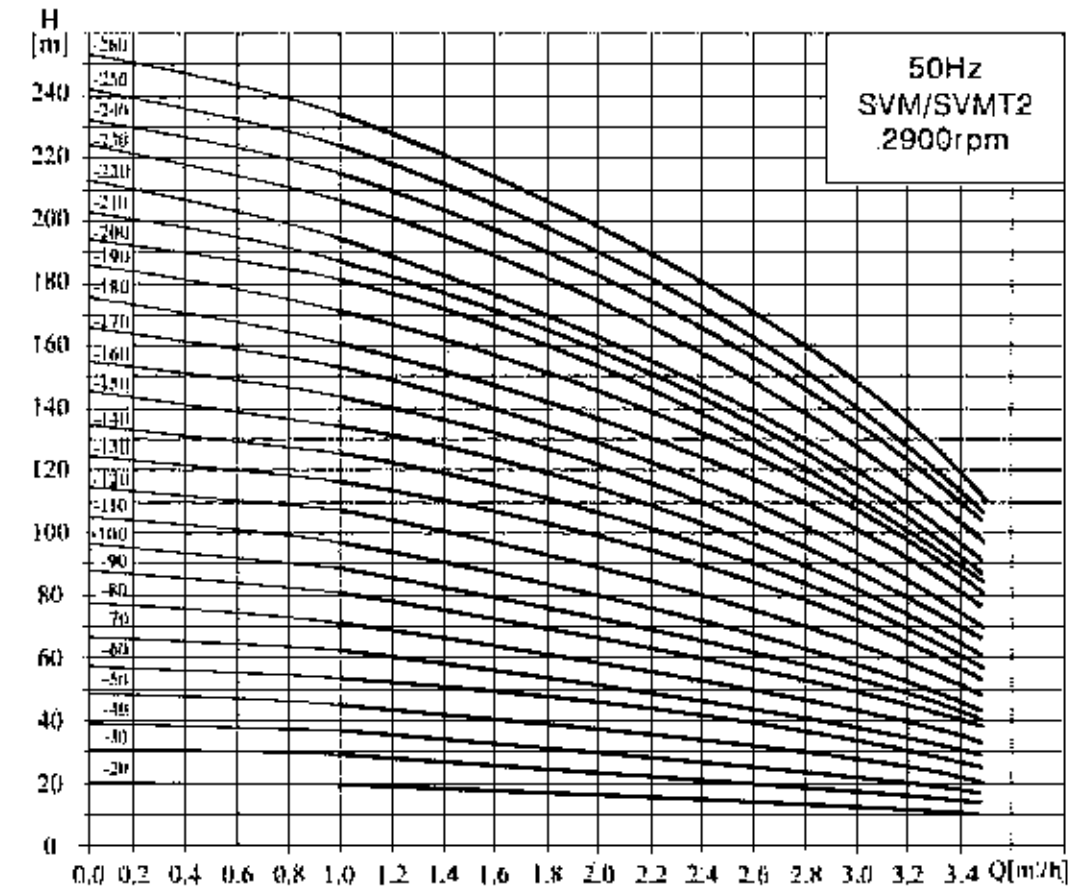


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)2-20	258	239	497	148	117	20
SVM(T)2-30	276	239	515	148	117	20
SVM(T)2-40	294	239	533	148	117	22
SVM(T)2-50	312	239	551	148	117	23
SVM(T)2-60	340	280	620	170	142	26
SVM(T)2-70	358	280	638	170	142	28
SVM(T)2-90	394	280	674	170	142	28
SVM(T)2-110	420	280	710	170	142	29
SVM(T)2-130	476	333	809	190	155	35
SVM(T)2-150	512	333	845	190	155	36
SVM(T)2-180	566	333	899	190	155	41
SVM(T)2-220	639	333	971	190	155	42
SVM(T)2-260	720	348	1068	187	165	52

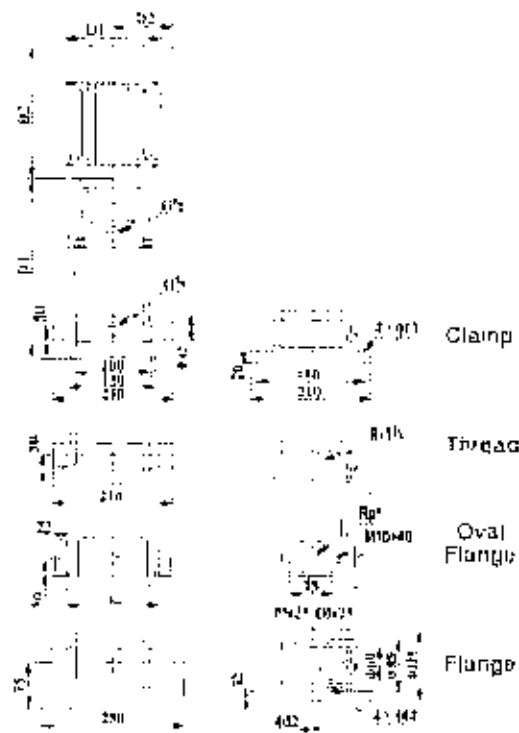
Performance data

Model	Power		Q (m³/h)	H (m)								
	kW	Hp		1	1.2	1.6	2.0	2.4	2.8	3.2	3.5	
SVM(T)2-20	0.37	0.5	18	17	18	15	18	12	10	8		
SVM(T)2-30	0.37	0.5	27	26	24	22	20	18	15	12		
SVM(T)2-40	0.55	0.75	36	35	33	30	28	24	20	16		
SVM(T)2-50	0.55	0.75	45	43	40	37	33	30	24	20		
SVM(T)2-60	0.75	1	53	52	50	45	40	36	30	24		
SVM(T)2-70	0.75	1	63	61	57	52	47	41	35	28		
SVM(T)2-90	1.1	1.5	80	78	73	67	61	54	45	37		
SVM(T)2-110	1.1	1.5	98	95	89	82	73	64	54	44		
SVM(T)2-130	1.5	2	116	114	106	98	88	78	65	52		
SVM(T)2-150	1.5	2	134	130	123	112	100	90	73	60		
SVM(T)2-180	2.2	3	181	157	148	138	121	108	91	76		
SVM(T)2-220	2.2	3	197	192	180	165	148	130	110	90		
SVM(T)2-260	3.0	4	232	228	214	198	179	158	130	110		

Performance curve



Installation dimensions and weight

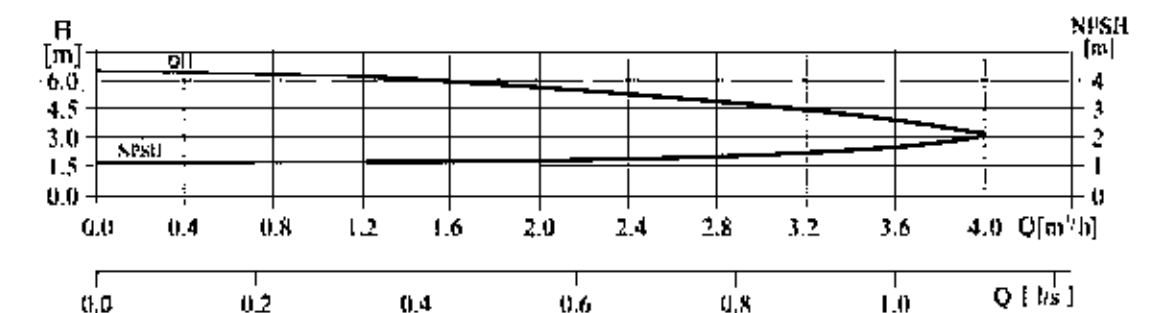
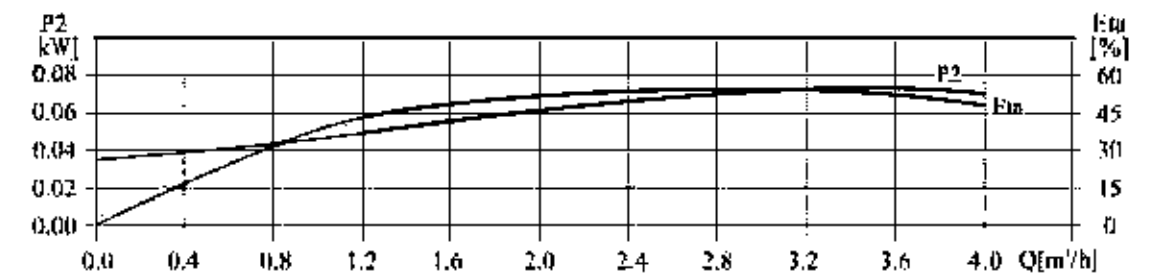
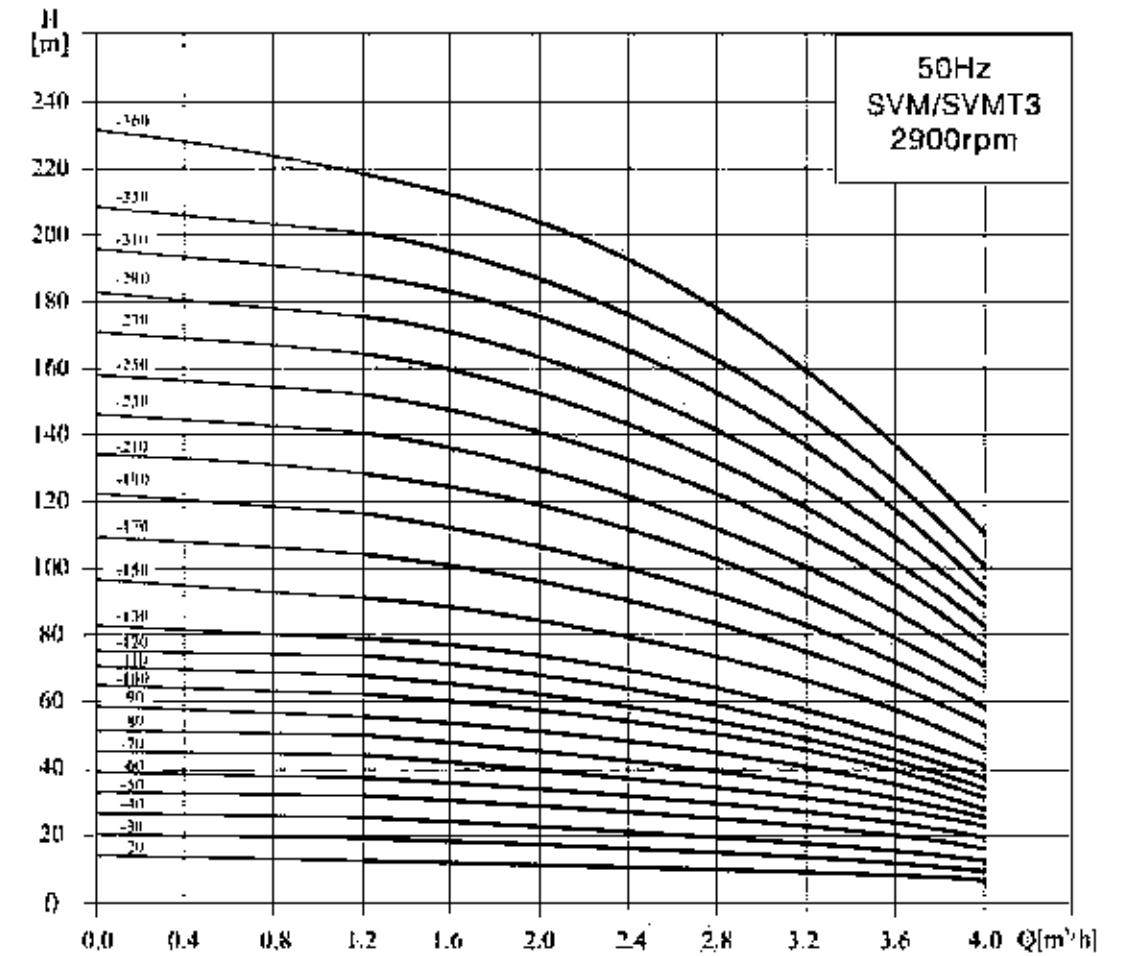


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)3-20	258	239	497	148	117	20
SVM(T)3-30	278	239	515	148	117	20
SVM(T)3-40	294	239	533	148	117	21
SVM(T)3-50	312	239	551	148	117	21
SVM(T)3-60	330	239	569	148	117	23
SVM(T)3-70	348	239	587	148	117	24
SVM(T)3-80	378	280	658	170	142	27
SVM(T)3-90	394	280	674	170	142	28
SVM(T)3-100	412	280	692	170	142	29
SVM(T)3-110	430	280	710	170	142	29
SVM(T)3-120	448	280	728	170	142	30
SVM(T)3-130	466	280	746	170	142	31
SVM(T)3-150	502	280	782	170	142	32
SVM(T)3-170	548	333	881	190	155	38
SVM(T)3-190	584	333	917	190	155	39
SVM(T)3-210	620	333	953	190	155	42
SVM(T)3-230	656	333	989	190	155	43
SVM(T)3-250	692	333	1025	190	155	44
SVM(T)3-270	728	333	1061	190	155	46
SVM(T)3-290	764	333	1097	190	155	46
SVM(T)3-310	810	348	1158	197	165	54
SVM(T)3-330	846	348	1194	197	165	55
SVM(T)3-360	900	348	1248	197	165	57

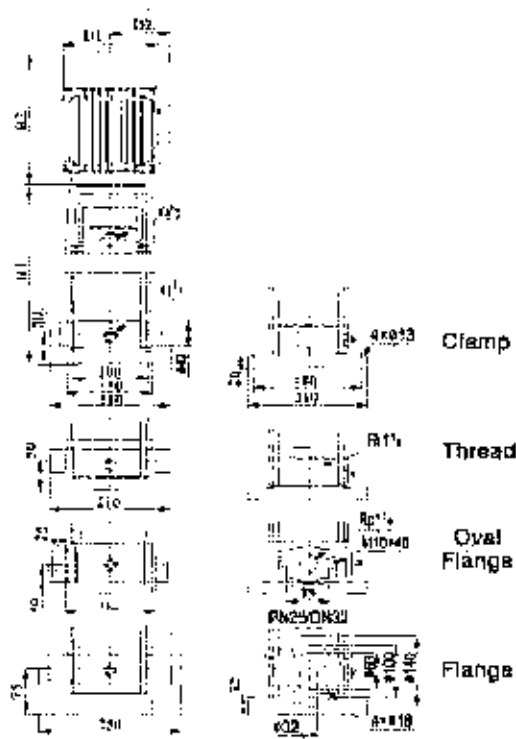
Performance data

Model	Power		Q (m³/h)	H (m)										
	kW	Hp		1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0		
SVM(T)3-20	0.37	0.5	12.5	11.5	11	10.5	10	9	8	7	6			
SVM(T)3-30	0.37	0.5	19	18.5	17.5	16.5	15	14	13	11	9			
SVM(T)3-40	0.37	0.5	25	24	23	21.5	20	19	18	16	12			
SVM(T)3-50	0.37	0.5	31	30	29	27	25	23	22	19	16			
SVM(T)3-60	0.55	0.75	38	35	34	32	30	28	27	23	19			
SVM(T)3-70	0.55	0.75	43	41	39	37	34	32	31	27	22			
SVM(T)3-80	0.75	1	49	47	45	43	39	37	35	31	25			
SVM(T)3-90	0.75	1	55	53	51	48	45	42	40	35	28			
SVM(T)3-100	0.75	1	61	59	57	54	50	47	45	39	31			
SVM(T)3-110	1.1	1.5	67	64	61	58	54	51	49	42	34			
SVM(T)3-120	1.1	1.5	73	70	67	63	58	55	52	45	37			
SVM(T)3-130	1.1	1.5	78	76	73	69	64	60	57	49	40			
SVM(T)3-150	1.1	1.5	90	88	84	79	73	69	66	57	46			
SVM(T)3-170	1.5	2	103	100	96	90	83	79	75	64	52			
SVM(T)3-190	1.5	2	115	112	107	100	92	88	83	72	58			
SVM(T)3-210	2.2	3	128	124	119	112	102	98	91	79	64			
SVM(T)3-230	2.2	3	140	135	130	122	112	107	100	88	70			
SVM(T)3-250	2.2	3	151	147	141	131	122	116	109	94	76			
SVM(T)3-270	2.2	3	164	159	152	143	132	124	117	101	82			
SVM(T)3-290	2.2	3	175	170	163	153	142	133	126	109	88			
SVM(T)3-310	3.0	4	187	182	175	165	153	142	135	116	94			
SVM(T)3-330	3.0	4	199	194	187	176	163	151	145	125	100			
SVM(T)3-360	3.0	4	218	212	204	192	178	168	159	137	109			

Performance curve



Installation dimensions and weight

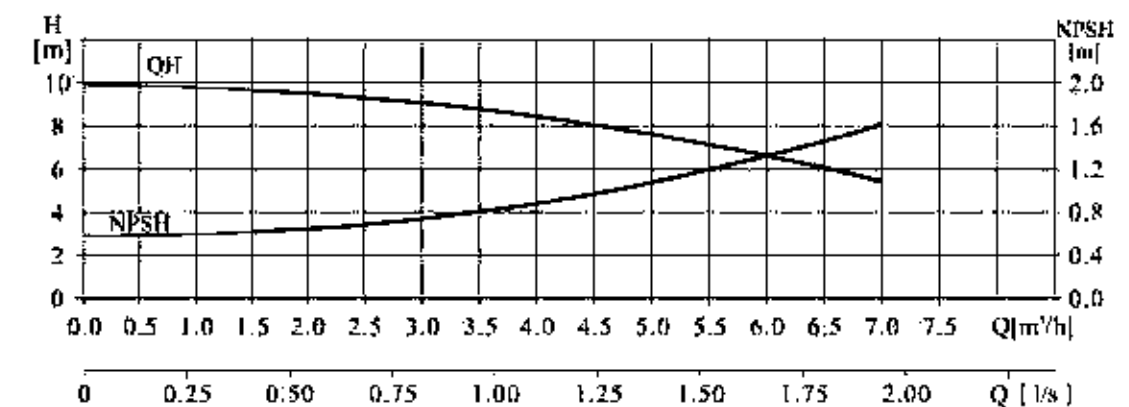
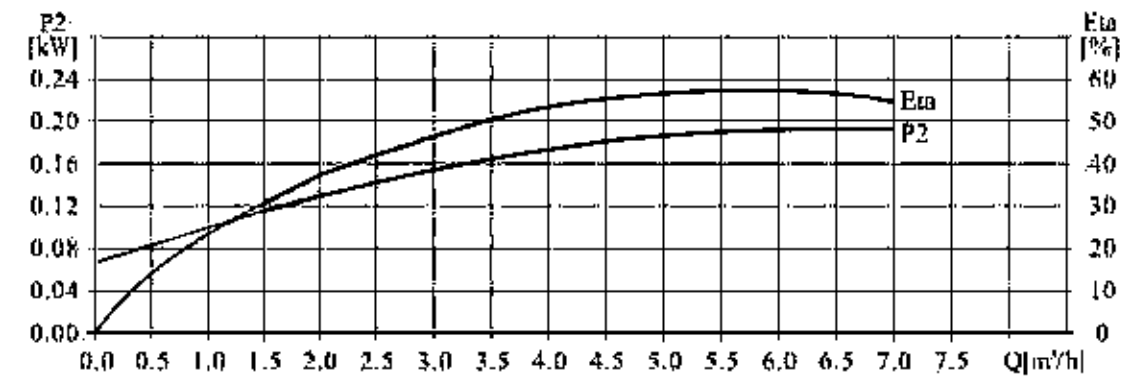
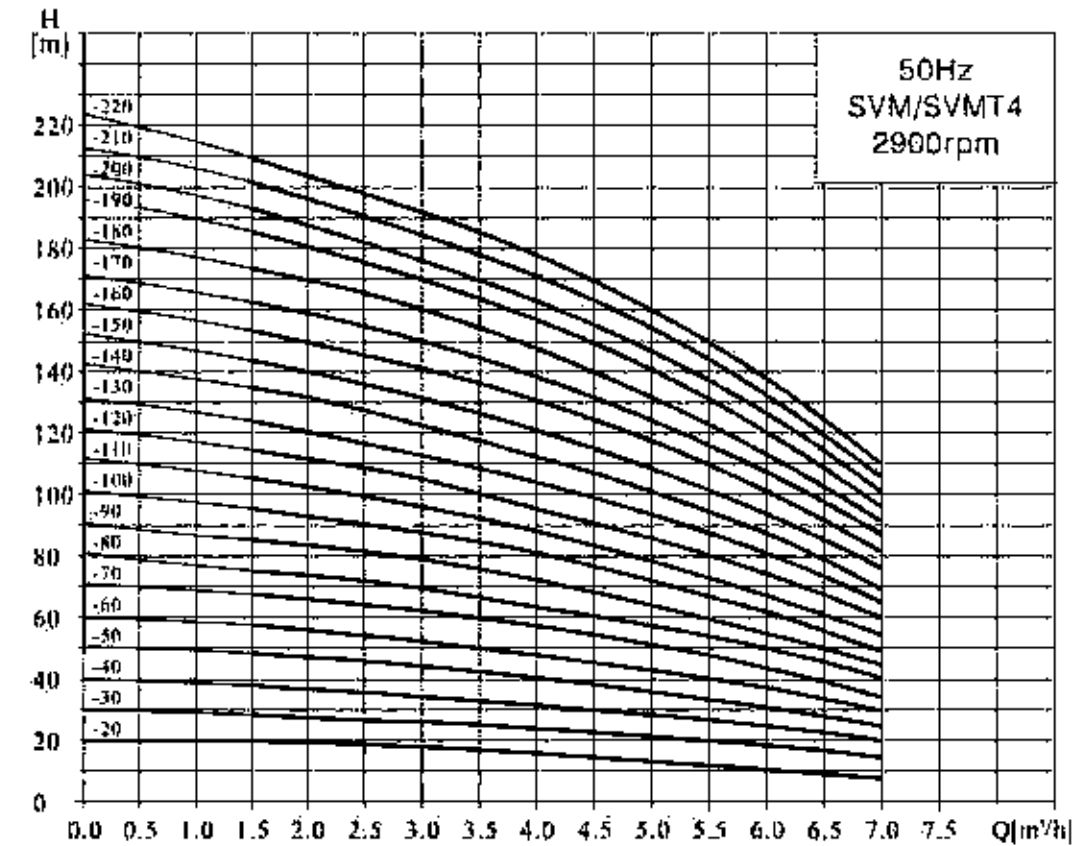


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)4-20	276	239	515	148	117	21
SVM(T)4-30	303	268	542	148	117	22
SVM(T)4-40	340	280	620	170	142	25
SVM(T)4-50	367	280	647	170	142	27
SVM(T)4-60	394	280	674	170	142	27
SVM(T)4-70	431	333	764	190	155	33
SVM(T)4-80	458	333	791	190	155	33
SVM(T)4-100	512	333	845	190	155	37
SVM(T)4-120	508	338	800	190	155	38
SVM(T)4-140	630	348	978	197	165	46
SVM(T)4-160	684	348	1032	197	165	48
SVM(T)4-180	765	382	1147	230	188	57
SVM(T)4-220	846	382	1228	230	188	59

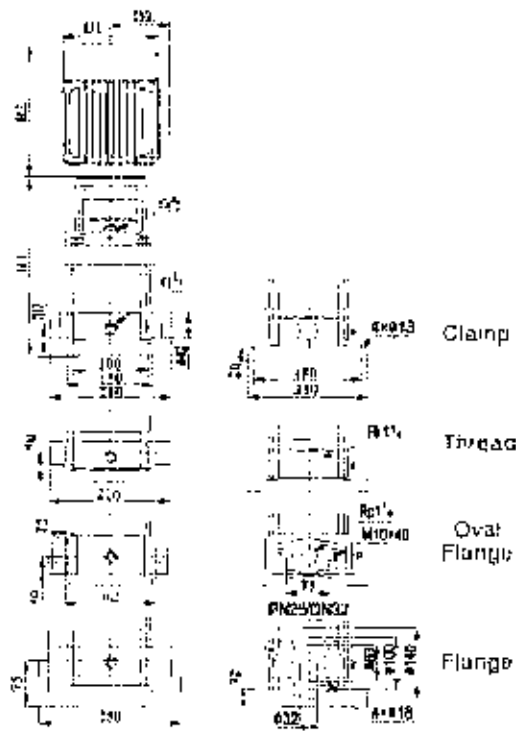
Performance data

Model	Power		Q (m³/h)	H (m)									
	kW	Hp		1.5	2.0	3.0	4.0	5.0	6.0	7.0			
SVM(T)4-20	0.37	0.5	19	18	17	15	13	10	5				
SVM(T)4-30	0.55	0.75	28	27	26	24	20	18	13				
SVM(T)4-40	0.75	1	38	36	34	32	27	24	19				
SVM(T)4-50	1.1	1.5	47	45	43	40	34	31	23				
SVM(T)4-60	1.1	1.5	56	54	52	48	41	37	28				
SVM(T)4-70	1.5	2	66	63	61	56	48	43	33				
SVM(T)4-80	1.5	2	74	72	70	64	55	50	38				
SVM(T)4-100	2.2	3	86	80	87	81	71	62	48				
SVM(T)4-120	2.2	3	114	108	104	95	85	75	58				
SVM(T)4-140	3.0	4	136	128	122	112	101	89	68				
SVM(T)4-160	3.0	4	152	144	140	129	115	101	78				
SVM(T)4-180	4.0	5.5	183	171	168	153	137	122	93				
SVM(T)4-220	4.0	5.5	211	200	192	178	160	138	108				

Performance curve



Installation dimensions and weight

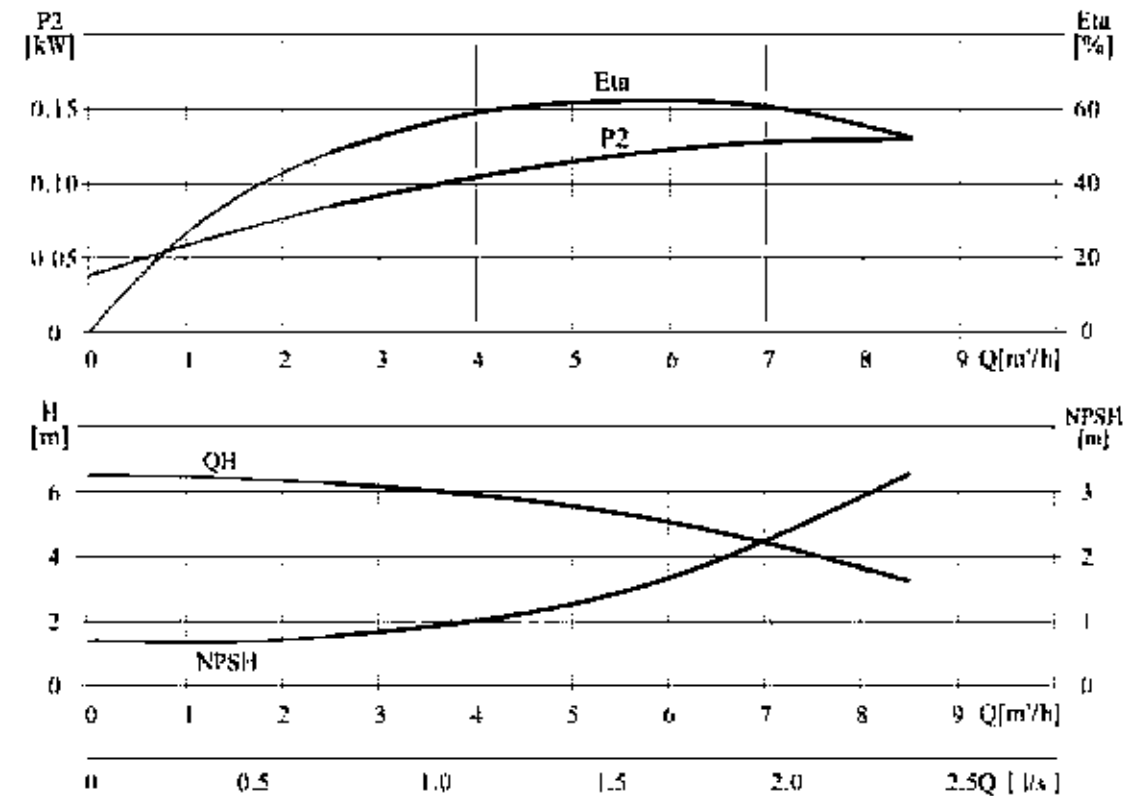
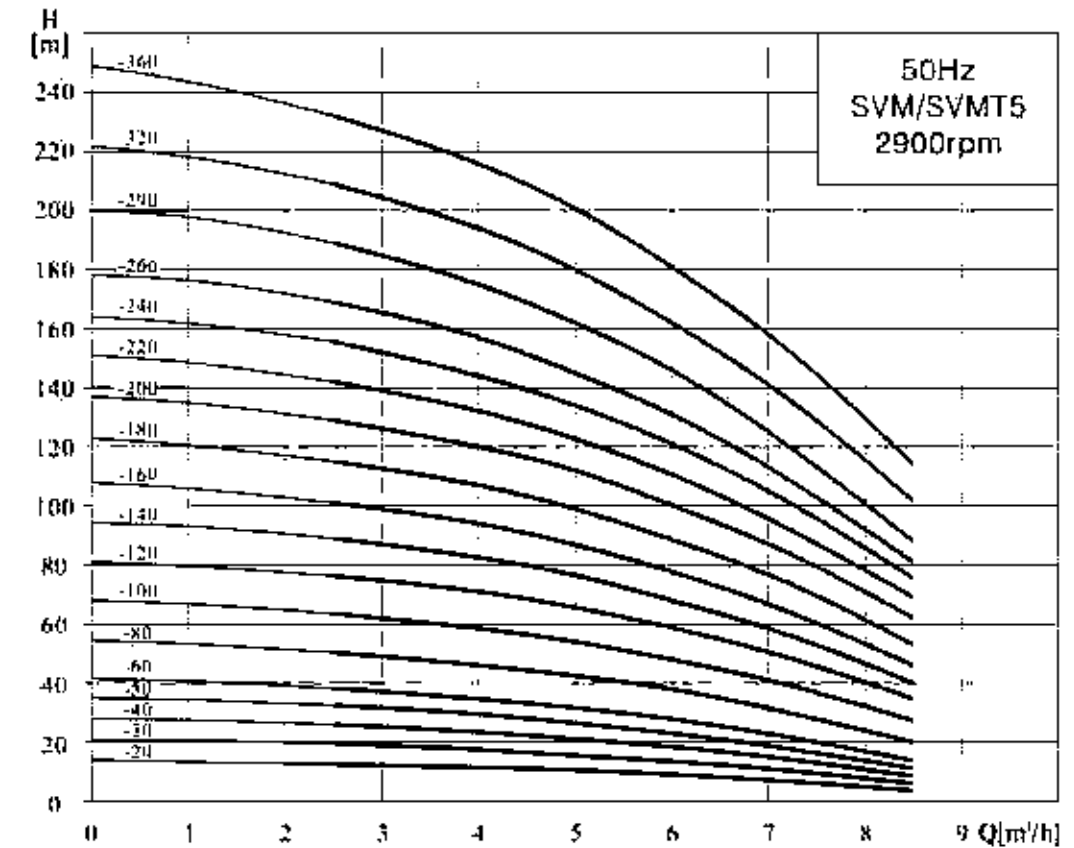


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)5-20	276	239	515	145	117	21
SVM(T)5-30	303	239	541	146	117	22
SVM(T)5-40	330	239	569	148	117	23
SVM(T)5-50	367	280	647	170	142	25
SVM(T)5-60	394	280	674	170	142	26
SVM(T)5-80	448	280	728	170	142	27
SVM(T)5-100	512	333	845	190	155	33
SVM(T)5-120	586	333	929	190	155	37
SVM(T)5-140	620	333	953	190	155	38
SVM(T)5-160	674	333	1007	190	155	39
SVM(T)5-180	738	348	1086	197	165	48
SVM(T)5-200	792	348	1140	197	165	49
SVM(T)5-220	846	362	1228	230	185	57
SVM(T)5-240	900	382	1282	230	185	58
SVM(T)5-260	954	382	1336	230	185	59
SVM(T)5-290	1035	382	1417	230	185	60
SVM(T)5-320	1136	435	1571	260	210	75
SVM(T)5-360	1244	435	1679	260	210	76

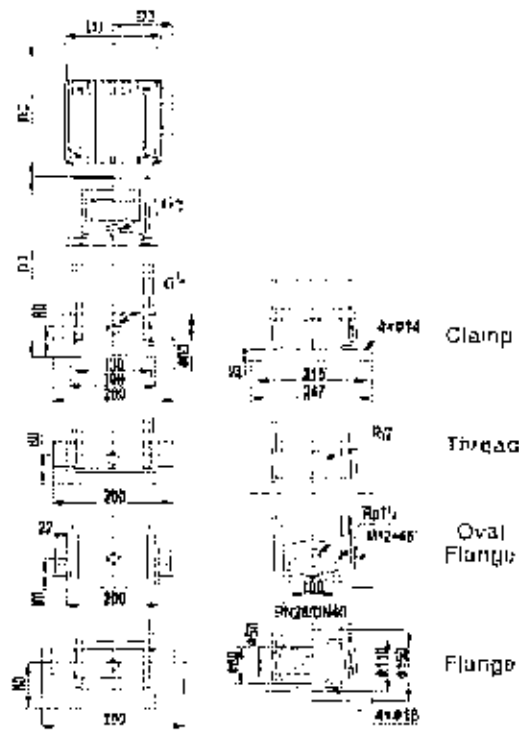
Performance data

Model	Power		Q (m³/h)	H (m)					
	kW	Hp		2.5	4	5	6	7	8.5
SVM(T)5-20	0.37	0.5	12.5	11.5	10.5	9	7	3.5	
SVM(T)5-30	0.55	0.75	19.5	17.5	15.5	13.5	11	6	
SVM(T)5-40	0.55	0.75	26	23.5	21	18.5	15	8.5	
SVM(T)5-50	0.75	1	32.5	29.6	26.5	23	18.5	11	
SVM(T)5-60	1.1	1.5	38.5	34.5	31.5	28	23	14	
SVM(T)5-80	1.1	1.5	50.5	46	42.5	38	31.5	20	
SVM(T)5-100	1.5	2	63.5	58.5	54	48	41	27.5	
SVM(T)5-120	2.2	3	76	71	65.5	58.5	50.5	35	
SVM(T)5-140	2.2	3	89	82	76.5	68	58.5	40	
SVM(T)5-160	2.2	3	101	94	87	77.5	66.5	46	
SVM(T)5-180	3.0	4	115	107	99	88.5	77	53	
SVM(T)5-200	3.0	4	129	120	112	100	87	62	
SVM(T)5-220	4.0	5.5	142	132	123	111	96	69	
SVM(T)5-240	4.0	5.5	158	144	134	121	105	75.5	
SVM(T)5-260	4.0	5.5	169	157	145	131	113	81	
SVM(T)5-290	4.0	5.5	189	175	162	146	125	88	
SVM(T)5-320	5.5	7.5	209	194	180	162	141	102	
SVM(T)5-360	5.5	7.5	232	216	201	181	155	114	

Performance curve



Installation dimensions and weight

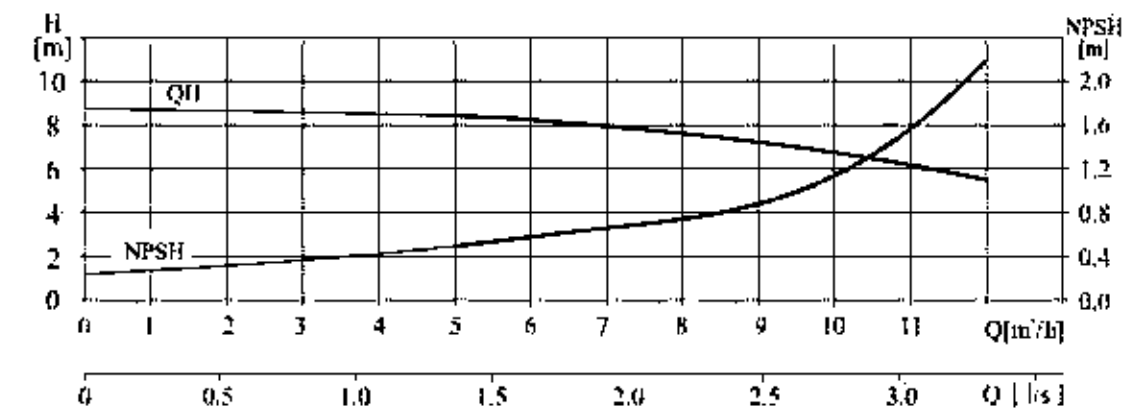
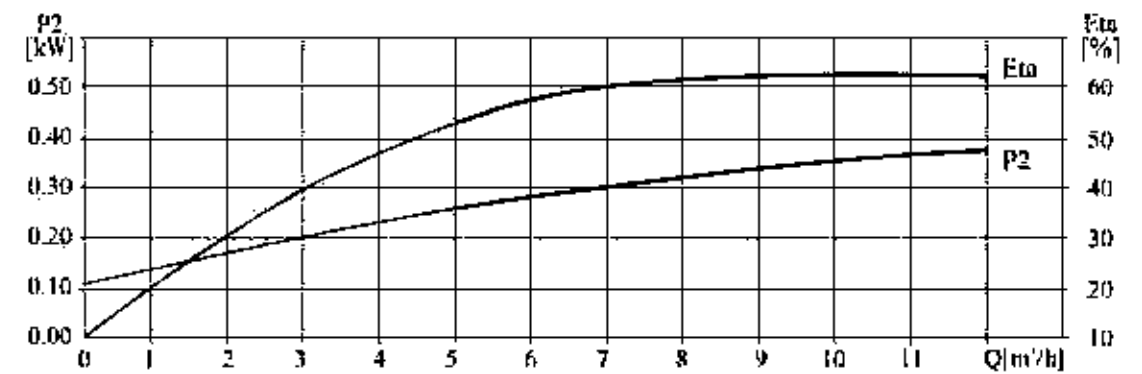
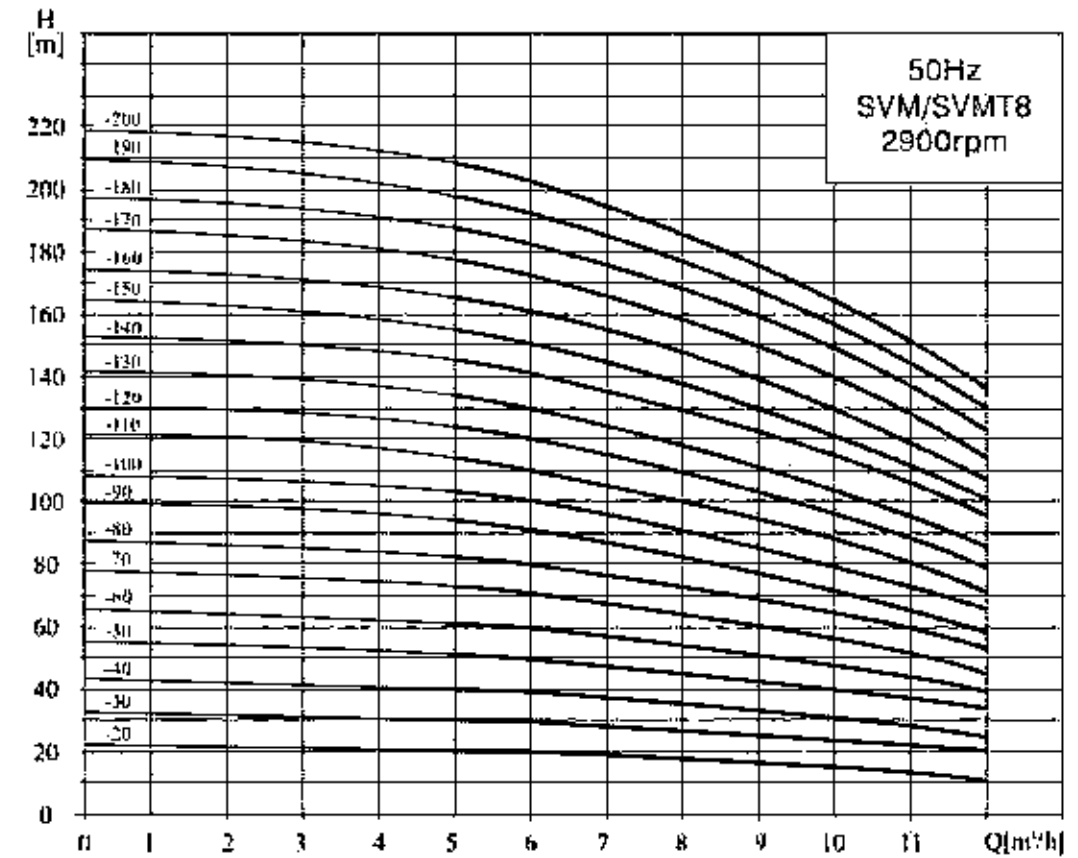


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)8-20	347	280	627	170	142	32
SVM(T)8-30	377	280	657	170	142	34
SVM(T)8-40	417	333	750	190	165	40
SVM(T)8-50	447	333	780	190	165	44
SVM(T)8-60	477	333	810	190	165	45
SVM(T)8-80	547	348	895	197	165	53
SVM(T)8-100	607	382	989	230	188	64
SVM(T)8-120	667	382	1049	230	188	66
SVM(T)8-140	747	435	1182	250	208	81
SVM(T)8-160	807	435	1242	260	208	94
SVM(T)8-180	867	435	1302	260	208	93
SVM(T)8-200	927	435	1362	260	208	94

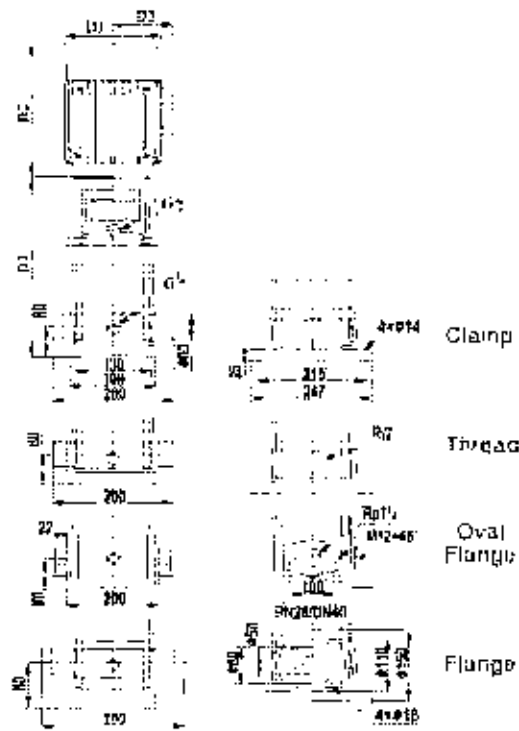
Performance data

Model	Power		Q (m³/h)	H (m)														
	kW	HP		5	6	7	8	9	10	11	12							
SVM(T)8-20	0.75	1	20	19.5	19	18	17	16	14	13								
SVM(T)8-30	1.1	1.5	30	29.5	28.5	27	26	24	21	19								
SVM(T)8-40	1.5	2	40	39.5	38	36	34	32	28	26								
SVM(T)8-50	2.2	3	50	50	48	45	42	40	36	32								
SVM(T)8-60	2.2	3	60	60	57	54	51	48	43	39								
SVM(T)8-80	3.0	4	80	80	77	73	69	65	58	52								
SVM(T)8-100	4.0	5.5	100	100	97	92	87	81	73	65								
SVM(T)8-120	4.0	5.5	120	120	116	111	104	97	87	78								
SVM(T)8-140	5.5	7.5	140	141	136	130	122	113	102	92								
SVM(T)8-160	5.5	7.5	160	161	156	148	139	130	118	106								
SVM(T)8-180	7.5	10	180	182	175	167	157	148	134	120								
SVM(T)8-200	7.5	10	200	202	195	186	175	163	150	135								

Performance curve



Installation dimensions and weight

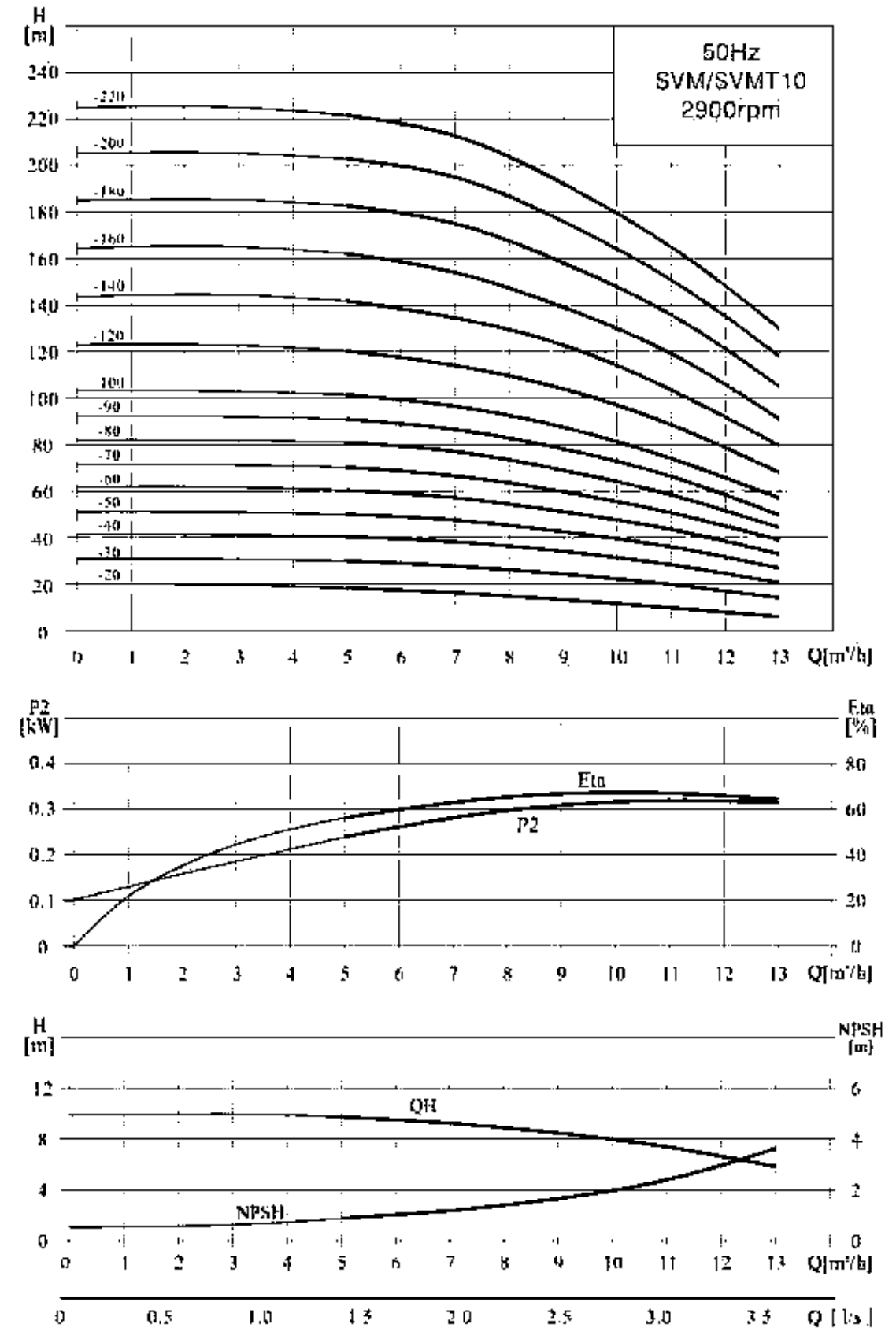


Model	Dimensi (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)10-20	347	280	627	170	142	32
SVM(T)10-30	377	280	657	170	142	34
SVM(T)10-40	417	323	740	190	155	40
SVM(T)10-50	447	323	770	190	155	44
SVM(T)10-60	477	333	810	190	155	45
SVM(T)10-70	517	348	865	197	165	52
SVM(T)10-80	547	348	895	197	165	53
SVM(T)10-90	577	348	925	197	165	54
SVM(T)10-100	607	382	989	230	185	64
SVM(T)10-120	667	382	1049	230	185	66
SVM(T)10-140	747	435	1182	260	210	81
SVM(T)10-160	807	435	1242	260	210	92
SVM(T)10-180	867	435	1302	260	210	93
SVM(T)10-200	927	435	1362	260	210	94
SVM(T)10-220	987	435	1422	260	210	95

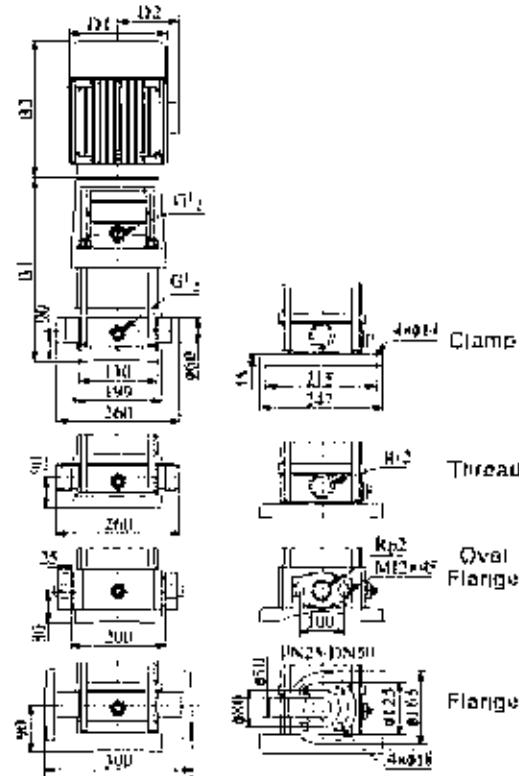
Performance data

Model	Power		Q (m³/h)	H (m)											
	kW	HP		5	6	7	8	9	10	11	12	13			
SVM(T)10-20	0.75	1		18.5	17	16	14	13	12	10	8.5	7			
SVM(T)10-30	1.1	1.5		30	28.5	27.5	25.5	24.5	22	20	18	14.5			
SVM(T)10-40	1.5	2		40.5	39.5	38.5	36.5	34	31.5	28.5	25.5	21			
SVM(T)10-50	2.2	3		50	49	47.5	45.5	42.5	39.5	36	32	27			
SVM(T)10-60	2.2	3		60	59	57	55	51	47.5	43.5	39	33.5			
SVM(T)10-70	3.0	4		70.5	69	66.5	64	59.5	55.5	50.5	45.5	39			
SVM(T)10-80	3.0	4		81	79	77	74.5	69	64	58.5	53	44.5			
SVM(T)10-90	3.0	4		91	89	86.5	82.5	78	72	66.5	59.5	50			
SVM(T)10-100	4.0	5.5		101.5	99	96.5	92.5	87.5	81.5	74	67	57			
SVM(T)10-120	4.0	5.5		120.5	119	114	110	104	97	88.5	80	68			
SVM(T)10-140	5.5	7.5		142	139	134.5	131	123	114	102.5	93.5	80			
SVM(T)10-160	5.5	7.5		162	159	154	148.5	139	130	119	107	91			
SVM(T)10-180	7.5	10		183	180	175	167	158	149	136	121	105			
SVM(T)10-200	7.5	10		203	200	195	186	178	165	151	134	118			
SVM(T)10-220	7.5	10		222	219	213	203	192	179	165	149	130			

Performance curve



Installation dimensions and weight

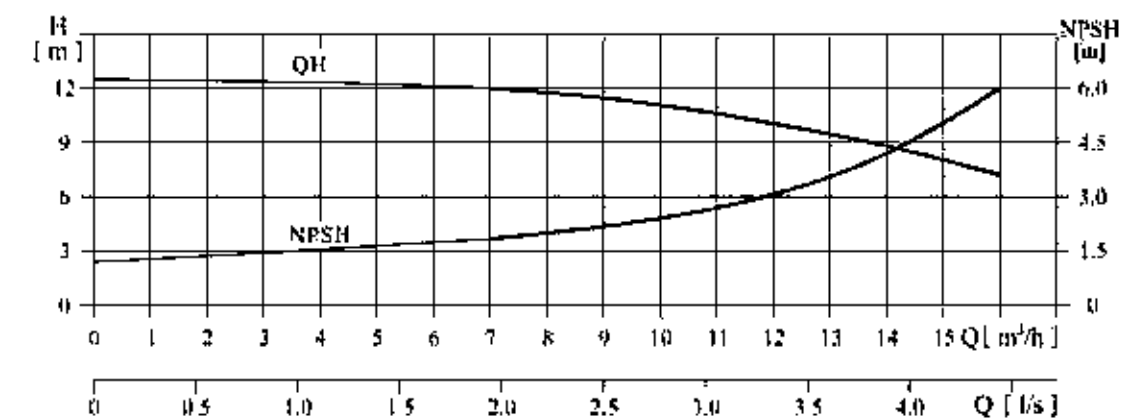
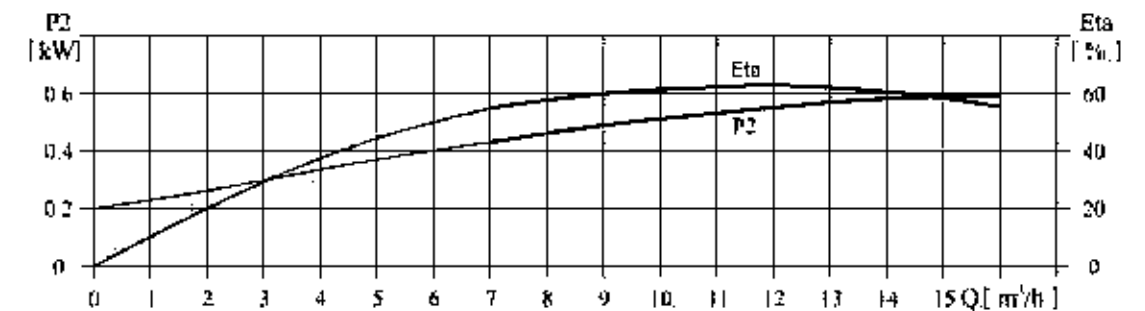
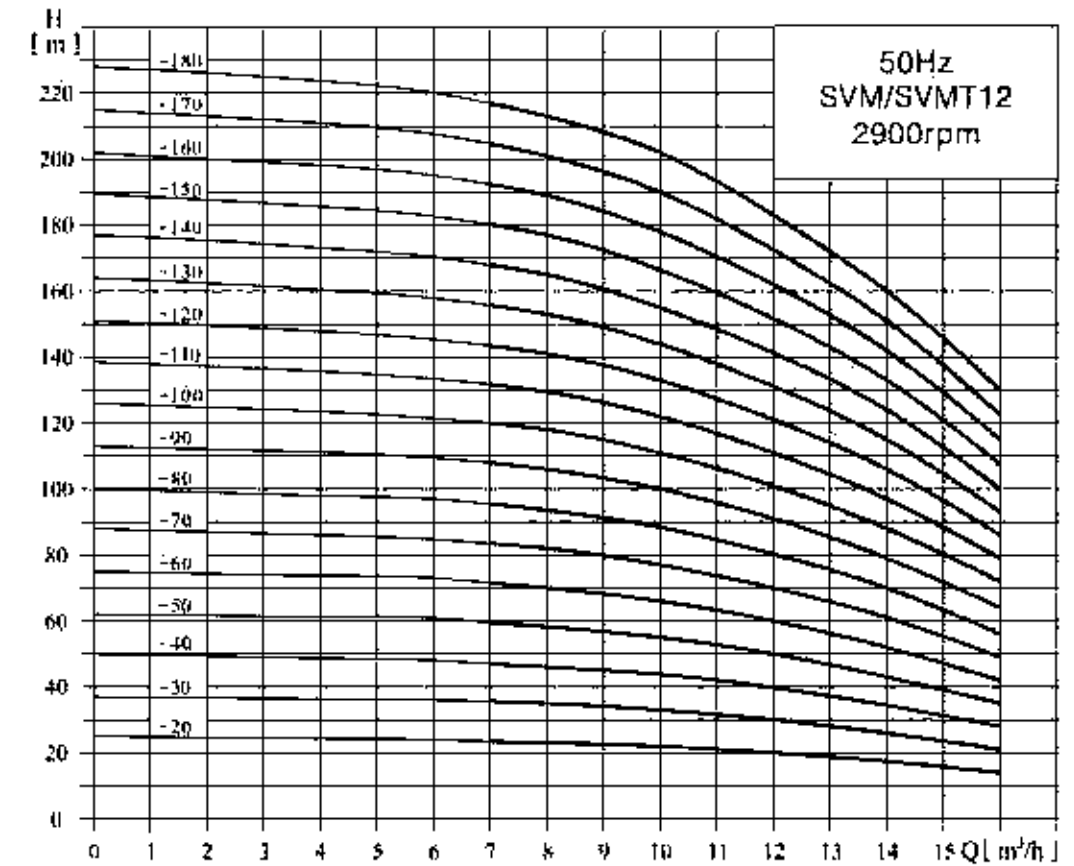


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1-B2	D1	D2	
SVM(T)12-20	387	333	700	190	155	39
SVM(T)12-30	397	333	730	190	155	43
SVM(T)12-40	437	348	786	197	165	51
SVM(T)12-50	467	348	815	197	165	58
SVM(T)12-60	497	382	878	230	188	61
SVM(T)12-70	547	435	982	260	208	73
SVM(T)12-80	577	436	1012	260	208	74
SVM(T)12-90	607	435	1042	260	208	76
SVM(T)12-100	637	435	1072	260	208	83
SVM(T)12-120	697	436	1132	260	208	87
SVM(T)12-140	757	580	1425	350	260	158
SVM(T)12-160	905	580	1485	350	260	161
SVM(T)12-180	965	580	1545	350	260	164

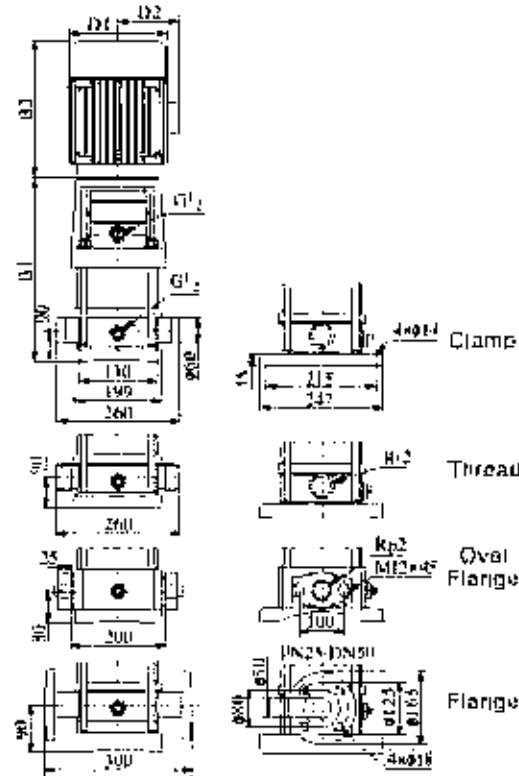
Performance data

Model	Power		Q (m³/h)	H (m)															
	kW	Hp		7	8	9	10	11	12	13	14	15	16						
SVM(T)12-20	1.5	2	23.5	23	22.5	22	21	20	19.5	17	15.5	14							
SVM(T)12-30	2.2	3	35.5	35	34	33	31.5	30	29	26	23.5	21							
SVM(T)12-40	3	4	47	46	45	44	42	40	37	34	31	28							
SVM(T)12-50	3	4	59.5	58	56.5	55	52.5	50	46.5	43	39	35							
SVM(T)12-60	4	5.5	71.5	70	68	66	63	60	56	52	47	42							
SVM(T)12-70	5.5	7.5	83.5	82	79.5	77	73.5	70	65.5	61	55	49							
SVM(T)12-80	6.5	7.5	95.5	94	91	88	84	80	75	70	63	56							
SVM(T)12-90	5.5	7.5	108	106	103	100	95.5	91	85	79	71.5	64							
SVM(T)12-100	7.5	10	120	118	114.5	111	106	101	94.5	88	80	72							
SVM(T)12-120	7.5	10	143.5	141	137	133	127	121	113.5	106	96	86							
SVM(T)12-140	11	15	168	165	160	155	148	141	132.5	124	112	100							
SVM(T)12-160	11	15	192.5	189	183.5	178	170	162	152	142	128.5	115							
SVM(T)12-180	11	15	217	213	207.5	202	192.5	183	171.5	160	145	130							

Performance curve



Installation dimensions and weight

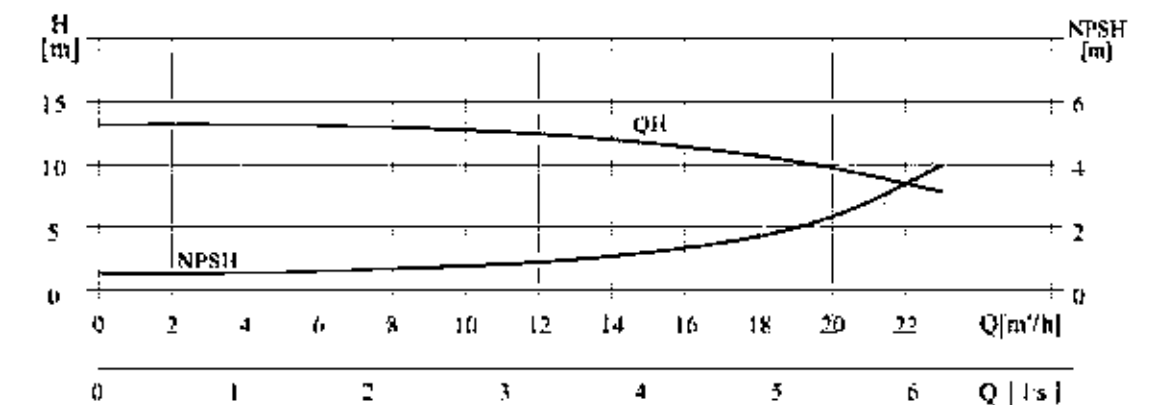
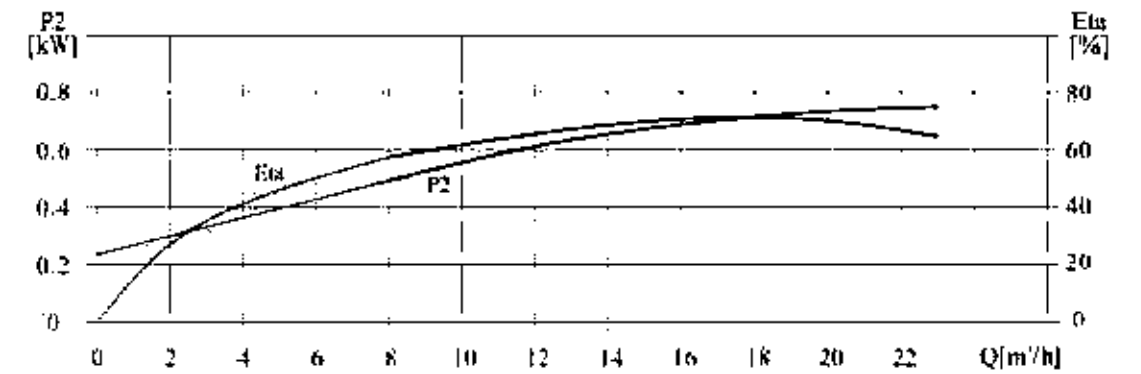
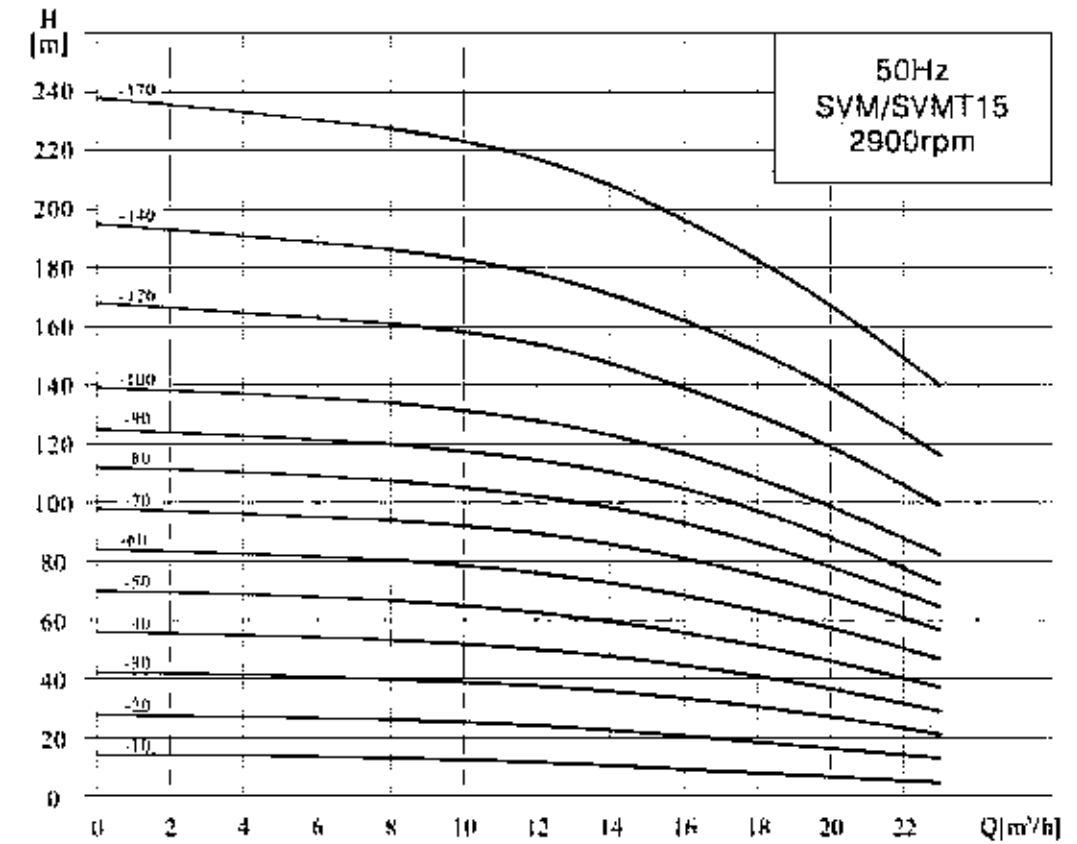


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)15-10	352	280	632	170	142	33
SVM(T)15-20	397	333	730	190	155	42
SVM(T)15-30	452	348	800	197	165	50
SVM(T)15-40	497	382	879	230	185	59
SVM(T)15-50	542	382	924	230	185	60
SVM(T)15-60	607	435	1042	260	210	77
SVM(T)15-70	652	435	1087	260	210	78
SVM(T)15-80	697	435	1132	260	210	86
SVM(T)15-90	742	435	1177	260	210	87
SVM(T)15-100	875	580	1455	350	260	160
SVM(T)15-120	965	580	1545	350	260	161
SVM(T)15-140	1055	580	1635	350	260	162
SVM(T)15-170	1190	580	1770	350	280	179

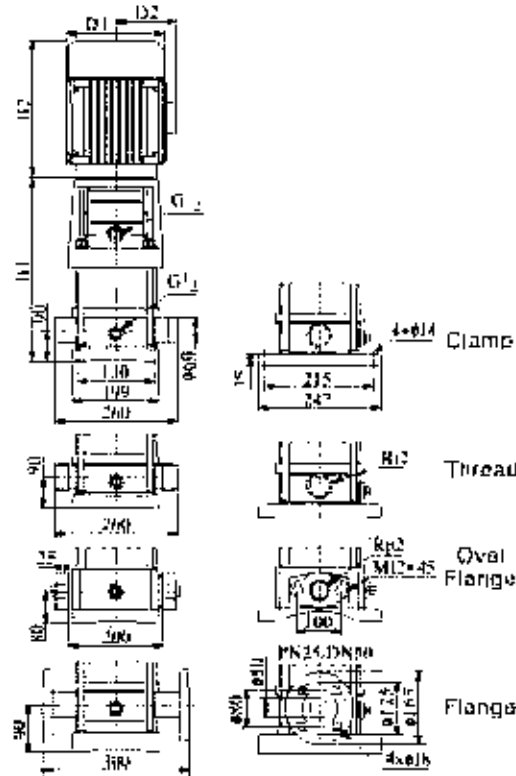
Performance data

Model	Power		Q (m³/h)	H (m)											
	kW	Hp		8	10	12	14	15	16	18	20	23			
SVM(T)15-10	1.1	1.5	13	12	11.5	10.5	10	9	7.5	6	4.5				
SVM(T)15-20	2.2	3	26	25	24	23	22	20.5	18	16	13				
SVM(T)15-30	3.0	4	29.5	38.5	37.5	35.5	34.5	33.5	30.5	27	21				
SVM(T)15-40	4.0	5.5	53	51.5	50	47.5	46	44.5	41	36.5	29				
SVM(T)15-50	4.0	5.5	67	64.5	62.5	60	58	55.5	52	46	37				
SVM(T)15-60	5.5	7.5	80.5	78	76	73	70.5	68	63.5	57	46.6				
SVM(T)15-70	5.5	7.5	84	92	89.5	86	83.5	81	75.5	68.5	56.6				
SVM(T)15-80	7.5	10	107.5	106	102.5	98.5	96	93	86.5	78	64.5				
SVM(T)15-90	7.5	10	120	118	114.5	110	107	105	97	88	72				
SVM(T)15-100	11	15	134	132	128	123	120	116.5	106.5	98.5	82.6				
SVM(T)15-120	11	15	181	158	154	148	144	130	130	119	89				
SVM(T)15-140	11	15	186	183	178	172	167	162	152	139	116				
SVM(T)15-170	15	20	227	224	217	210	203	196	185	167	140				

Performance curve



Installation dimensions and weight

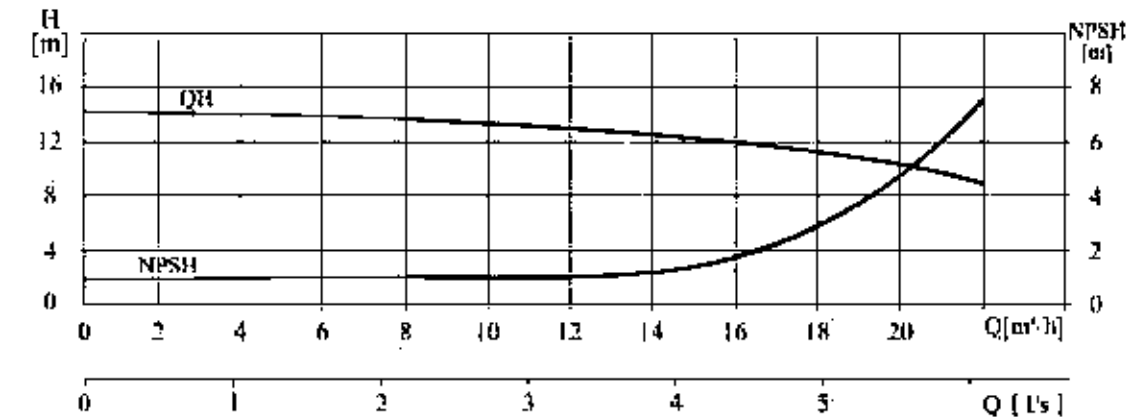
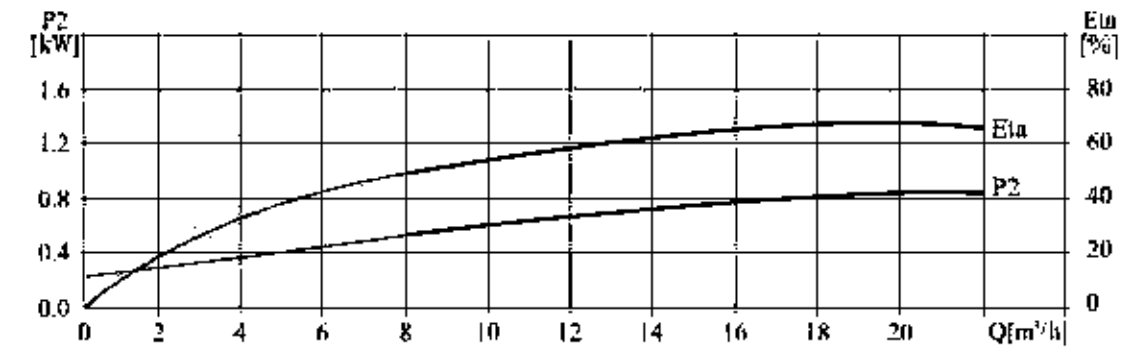
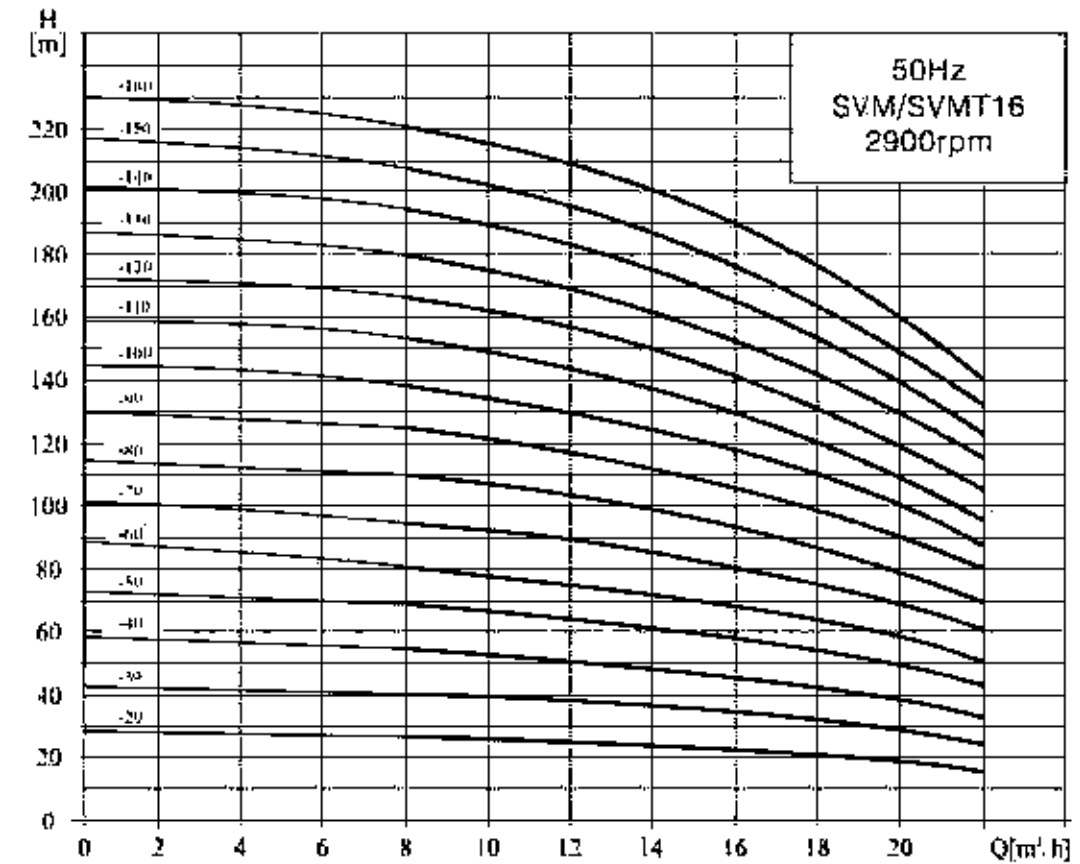


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)16-20	397	333	730	190	155	42
SVM(T)16-30	452	348	800	197	165	50
SVM(T)16-40	497	382	879	230	188	59
SVM(T)16-50	562	435	997	250	208	76
SVM(T)16-60	607	435	1042	250	208	77
SVM(T)16-70	652	435	1087	250	208	84
SVM(T)16-80	697	435	1132	250	208	86
SVM(T)16-100	787	580	1455	350	260	106
SVM(T)16-120	986	580	1545	350	260	151
SVM(T)16-140	1055	580	1635	350	260	174
SVM(T)16-160	1145	580	1725	350	260	178

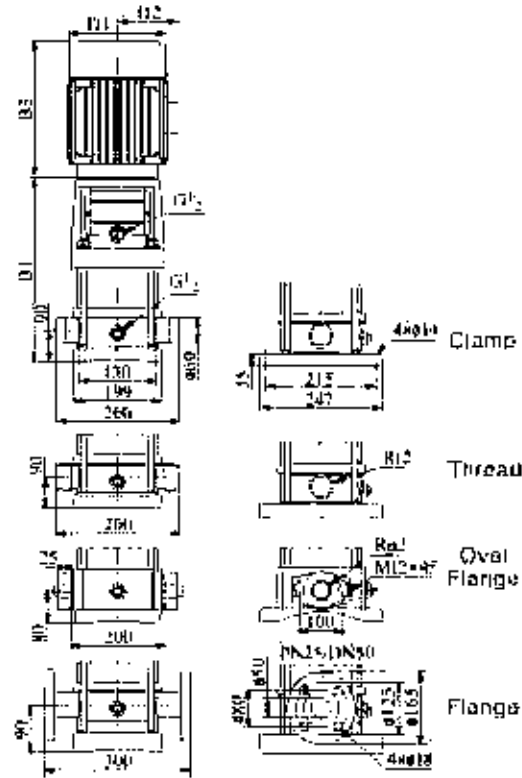
Performance data

Model	Power		Q (m³/h)	H (m)										
	kW	Hp		8	10	12	14	16	18	20	22			
SVM(T)16-20	2.2	3	H (m)	27	26	25	24	22	21	19	16			
SVM(T)16-30	3.0	4		41	40	38	37	34	32	29	25			
SVM(T)16-40	4.0	5.5		54	53	52	49	46	43	38	34			
SVM(T)16-50	5.5	7.5		68	67	65	62	56	54	48	43			
SVM(T)16-60	5.5	7.5		82	80	78	74	70	64	58	52			
SVM(T)16-70	7.5	10		96	95	91	87	82	76	68	61			
SVM(T)16-80	7.5	10		110	108	104	99	94	86	77	70			
SVM(T)16-100	11	15		138	136	131	125	118	109	97	87			
SVM(T)16-120	11	15		166	162	157	150	141	130	116	105			
SVM(T)16-140	15	20		194	190	184	175	166	152	136	122			
SVM(T)16-160	15	20	222	217	210	200	189	174	156	140				

Performance curve



Installation dimensions and weight

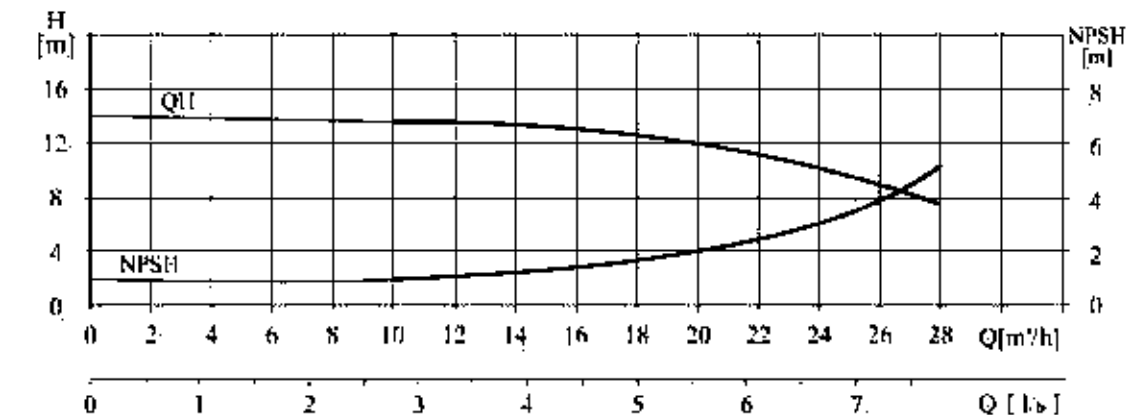
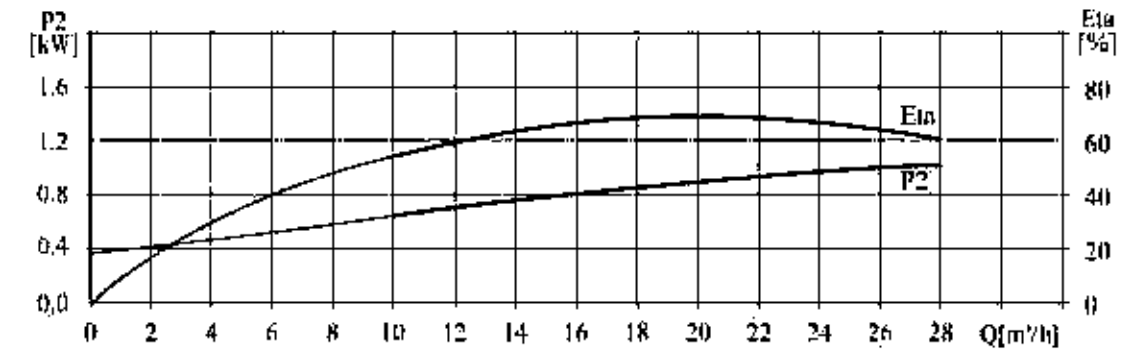
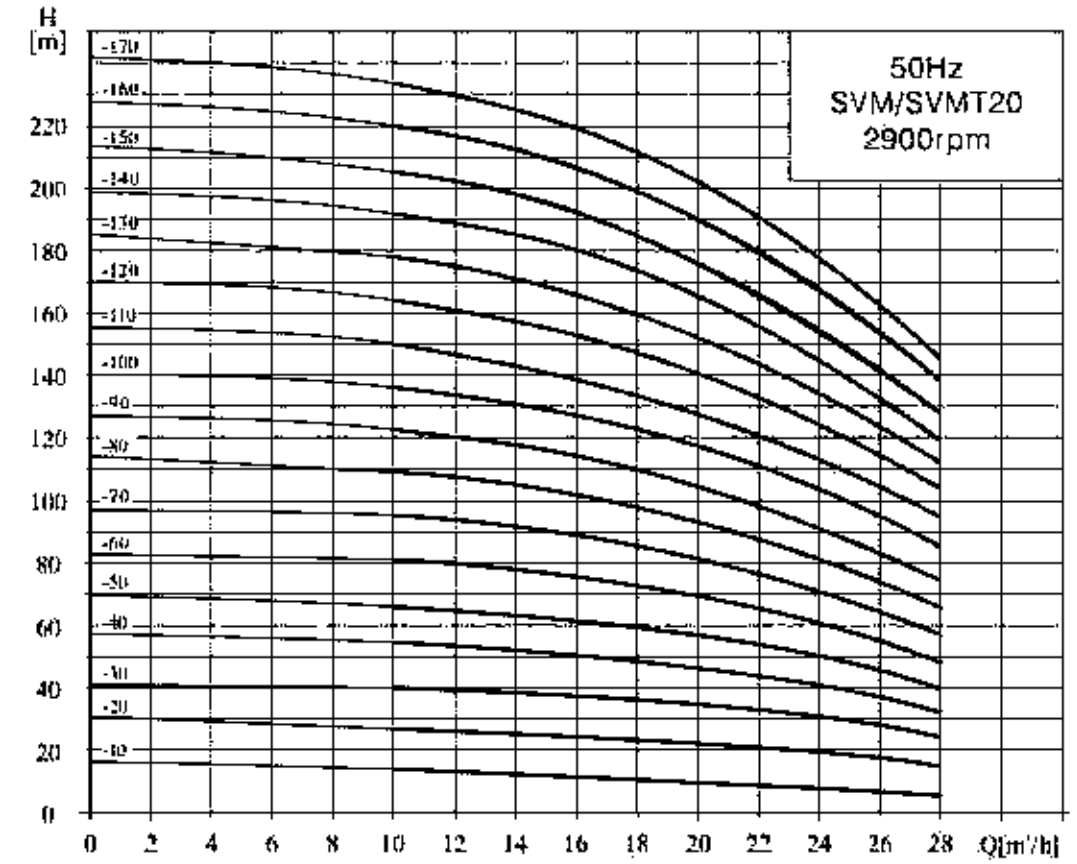


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)20-10	387	280	667	170	142	33
SVM(T)20-20	397	333	730	190	155	42
SVM(T)20-30	452	382	834	230	188	58
SVM(T)20-40	517	435	952	260	208	74
SVM(T)20-50	562	435	997	260	208	76
SVM(T)20-60	607	435	1042	260	208	82
SVM(T)20-70	652	435	1087	260	208	84
SVM(T)20-80	687	580	1265	350	260	153
SVM(T)20-100	875	580	1455	350	260	157
SVM(T)20-120	985	580	1545	350	260	170
SVM(T)20-140	1055	580	1635	350	260	172
SVM(T)20-170	1190	610	1800	350	260	195

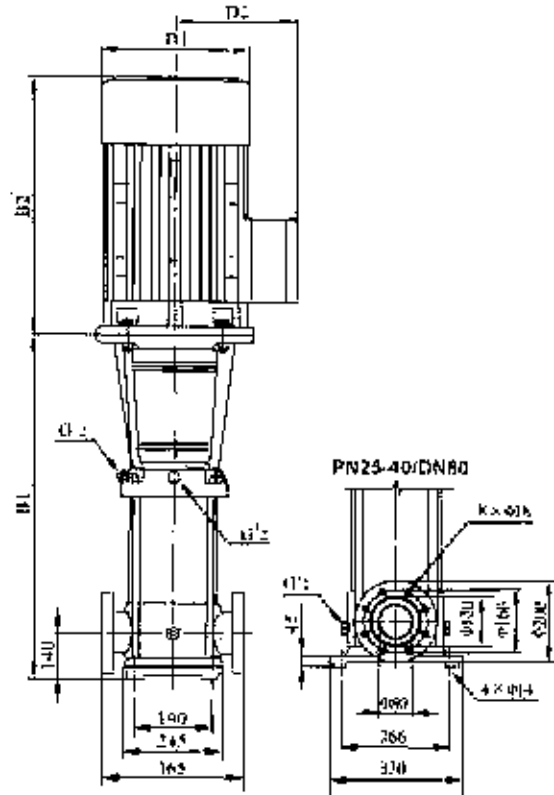
Performance data

Model	Power		Q (m³/h)	H (m)											
	kW	Hp		10	12	14	16	18	20	22	24	26	28		
SVM(T)20-10	1.1	1.5	10	13.5	13	12.5	12	11	10	9	8	7	6		
SVM(T)20-20	2.2	3	20	27	26.5	26	25	24	23	22	20	18	15		
SVM(T)20-30	4.0	5.5	30	40	39.5	39	38	37	35	33	30	27	24		
SVM(T)20-40	5.5	5.5	40	54	53	52	51	49	47	44	41	37	33		
SVM(T)20-50	5.5	5.5	50	67	66	64	62	60	58	55	50	45	40		
SVM(T)20-60	7.5	10	60	81	79	77	75	73	70	66	61	55	49		
SVM(T)20-70	7.5	10	70	95	93	91	89	86	82	77	71	65	58		
SVM(T)20-80	11	15	80	109	107	105	102	99	94	89	82	75	67		
SVM(T)20-100	11	15	100	136	134	131	128	124	118	111	103	95	85		
SVM(T)20-120	15	20	120	164	162	158	154	149	142	133	124	114	102		
SVM(T)20-140	15	20	140	192	189	185	180	174	166	156	145	133	119		
SVM(T)20-170	18.5	25	170	234	230	226	219	212	202	190	177	162	145		

Performance curve



Installation dimensions and weight

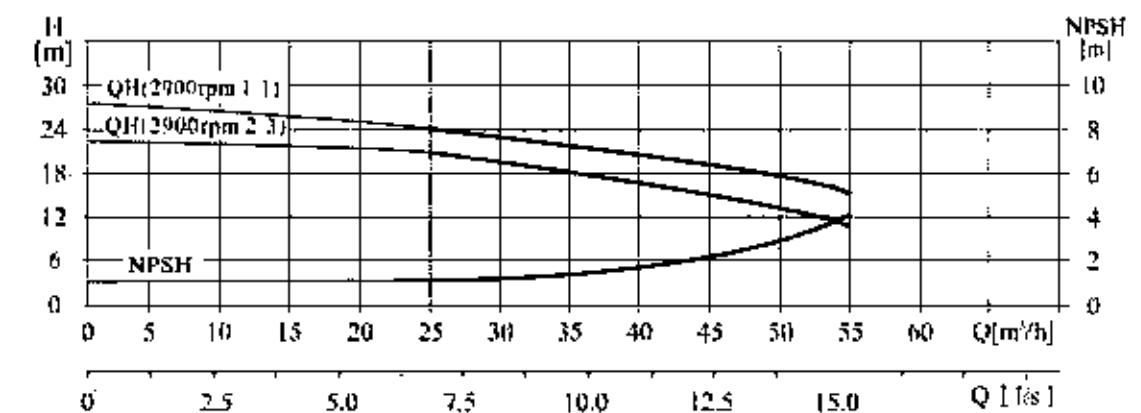
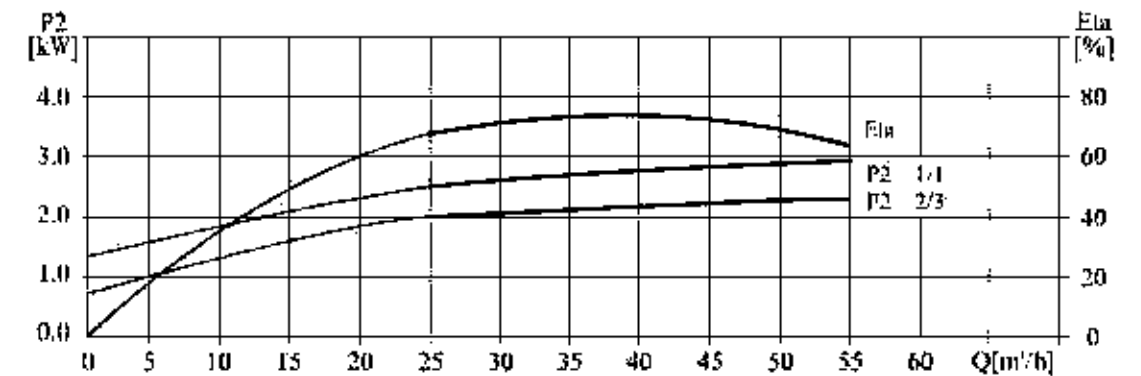
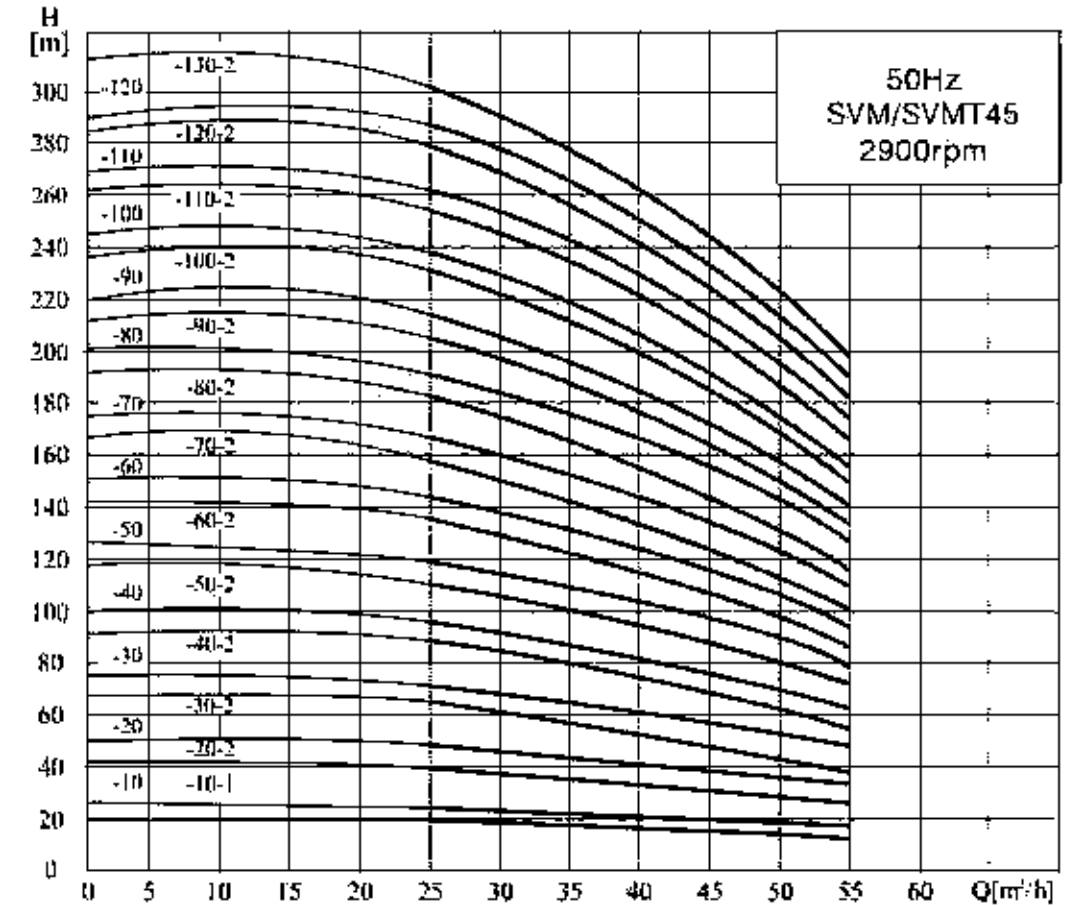


Model	Dimensions (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)45-10-1	561	370	931	230	185	88
SVM(T)45-10						
SVM(T)45-20-2	641	435	1076	260	208	106
SVM(T)45-20						
SVM(T)45-30-2	828	580	1408	350	260	163
SVM(T)45-30						
SVM(T)45-40-2	908	580	1488	350	260	197
SVM(T)45-40						
SVM(T)45-50-2	988	610	1596	350	260	221
SVM(T)45-50						
SVM(T)45-60-2	1066	645	1711	360	285	261
SVM(T)45-60						
SVM(T)45-70-2	1146	705	1851	400	310	320
SVM(T)45-70						
SVM(T)45-80-2	1226	705	1931	400	310	324
SVM(T)45-80						
SVM(T)45-90-2	1306	705	2011	400	310	328/352
SVM(T)45-90						
SVM(T)45-100-2	1366	705	2091	400	310	355
SVM(T)45-100						
SVM(T)45-110-2	1466	740	2208	450	345	426
SVM(T)45-110						
SVM(T)45-120-2	1546	740	2286	450	345	432
SVM(T)45-120						
SVM(T)45-130-2	1626	740	2366	450	345	438

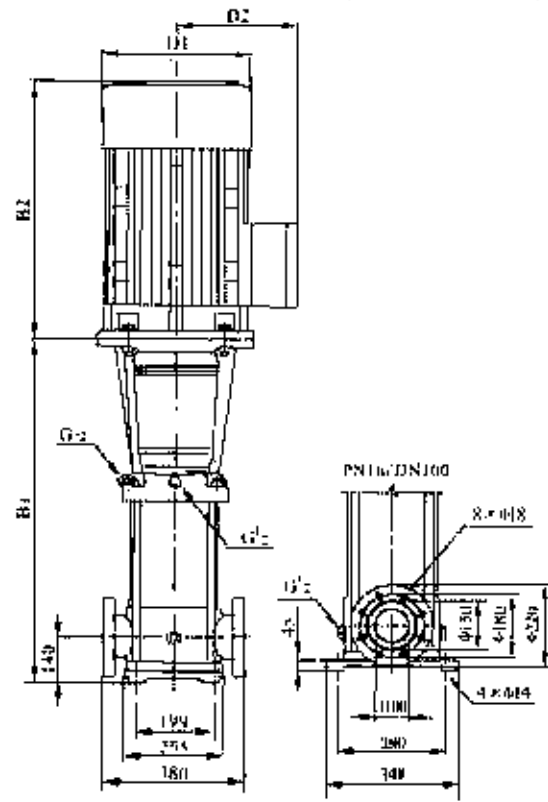
Performance data

Model	Power		Q (m³/h)	H (m)											
	kW	Hp		25	30	35	40	45	50	55					
SVM(T)45-10-1	3.0	4	20	19	18	17	15	13	11						
SVM(T)45-10	4.0	5.5	24	23	22	21	19	18	16						
SVM(T)45-20-2	5.5	7.5	40	38	36	33	30	27	23						
SVM(T)45-20	7.5	10	48	46	44	42	38	35	31						
SVM(T)45-30-2	11	15	63	61	58	54	50	44	38						
SVM(T)45-30	11	15	71	69	66	63	58	53	47						
SVM(T)45-40-2	15	20	87	84	80	75	69	62	54						
SVM(T)45-40	15	20	85	82	88	84	78	71	62						
SVM(T)45-50-2	18.5	25	111	107	102	96	88	80	69						
SVM(T)45-50	18.5	25	119	115	110	105	97	88	78						
SVM(T)45-60-2	22	30	135	130	124	117	108	97	85						
SVM(T)45-60	22	30	143	138	132	125	116	106	93						
SVM(T)45-70-2	30	40	158	152	146	138	127	115	100						
SVM(T)45-70	30	40	166	161	154	146	135	124	109						
SVM(T)45-80-2	30	40	182	175	168	159	146	133	116						
SVM(T)45-80	30	40	190	184	176	167	154	141	124						
SVM(T)45-90-2	30	40	205	198	190	180	166	150	132						
SVM(T)45-90	37	50	214	207	198	188	174	159	140						
SVM(T)45-100-2	37	50	230	221	212	200	185	168	147						
SVM(T)45-100	37	50	238	230	220	209	193	177	155						
SVM(T)45-110-2	45	60	255	246	236	223	206	188	165						
SVM(T)45-110	45	60	263	255	244	232	214	196	173						
SVM(T)45-120-2	45	60	280	270	259	245	226	206	181						
SVM(T)45-120	45	60	289	280	268	255	236	216	190						
SVM(T)45-130-2	45	60	305	294	282	267	247	225	198						

Performance curve



Installation dimensions and weight

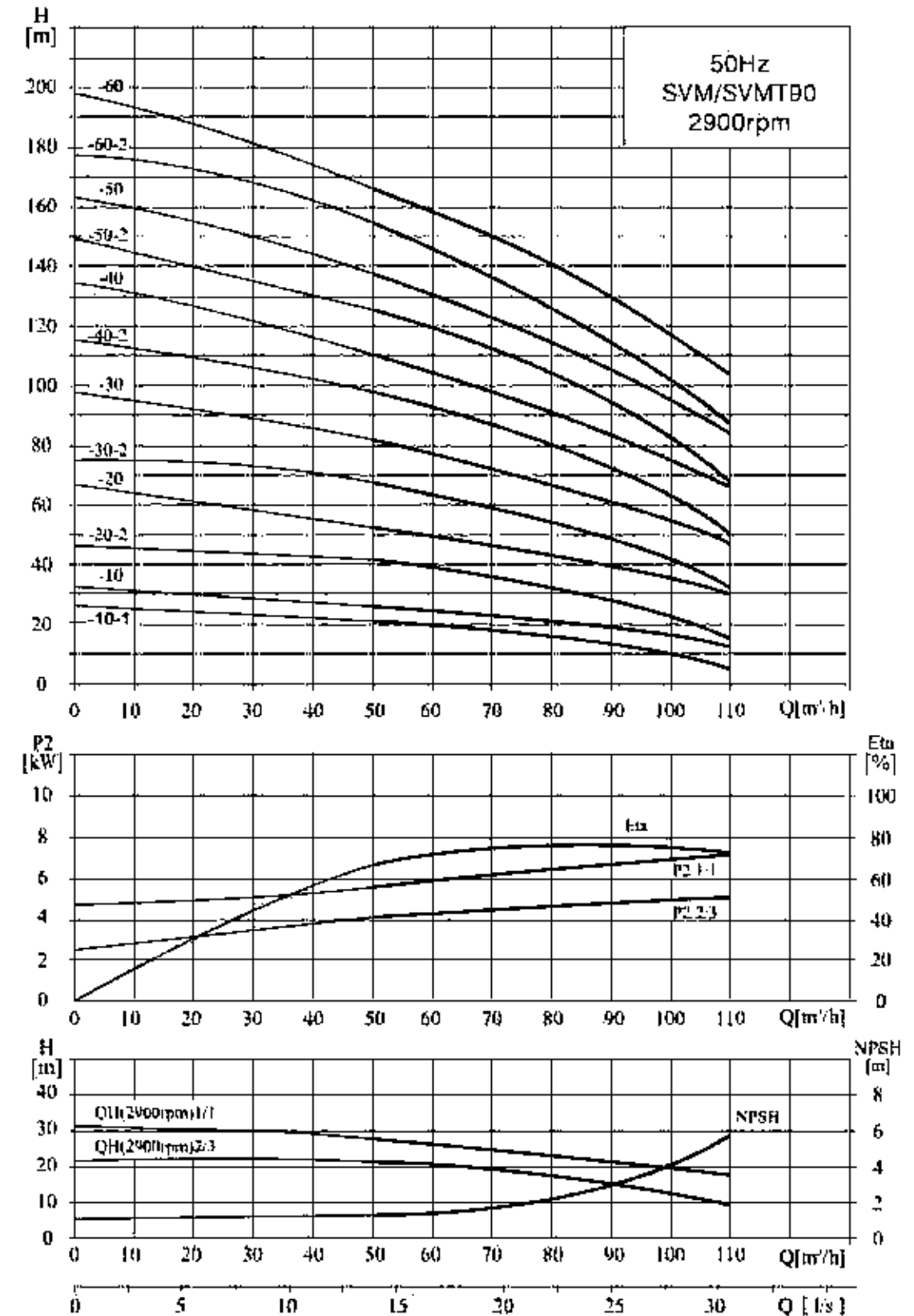


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)90-10-1	571	435	1006	260	208	165
SVM(T)90-10	571	435	1006	260	208	110
SVM(T)90-20-2	773	580	1353	350	260	181
SVM(T)90-20	773	580	1353	350	260	192
SVM(T)90-30-2	865	810	1475	350	260	215
SVM(T)90-30	865	645	1510	360	285	252
SVM(T)90-40-2	957	705	1662	400	310	312
SVM(T)90-40	957	705	1662	400	310	312
SVM(T)90-50-2	1049	705	1754	400	310	336
SVM(T)90-50	1049	705	1754	400	310	336
SVM(T)90-60-2	1141	740	1881	460	340	407
SVM(T)90-60	1141	740	1881	460	340	407

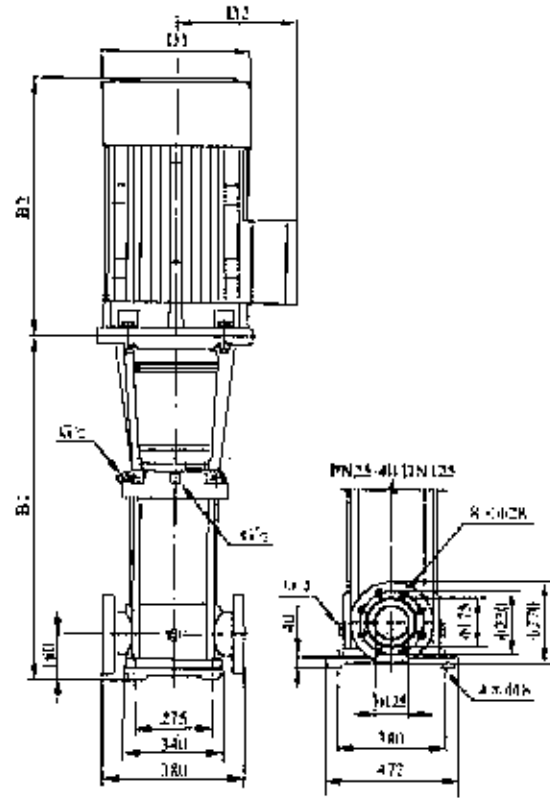
Performance data

Model	Power		Q (m³/h)	H (m)								
	kW	Hp		50	60	70	80	90	100	110		
SVM(T)90-10-1	5.5	7.5	H (m)	22	19	17	16	13	10	6		
SVM(T)90-10	7.5	10		25	24	22	21	19	16	12		
SVM(T)90-20-2	11	15		41	39	36	32	28	22	15		
SVM(T)90-20	15	20		53	50	47	44	40	36	30		
SVM(T)90-30-2	18.5	25		68	65	60	55	49	41	32		
SVM(T)90-30	22	30		81	77	72	67	62	55	48		
SVM(T)90-40-2	30	40		98	93	87	80	72	62	50		
SVM(T)90-40	30	40		110	105	100	92	84	78	66		
SVM(T)90-50-2	37	50		126	120	113	104	93	81	66		
SVM(T)90-50	37	50		139	131	124	115	106	94	82		
SVM(T)90-60-2	45	60		155	148	138	128	117	102	86		
SVM(T)90-60	45	60		168	160	150	141	130	117	103		

Performance curve



Installation dimensions and weight

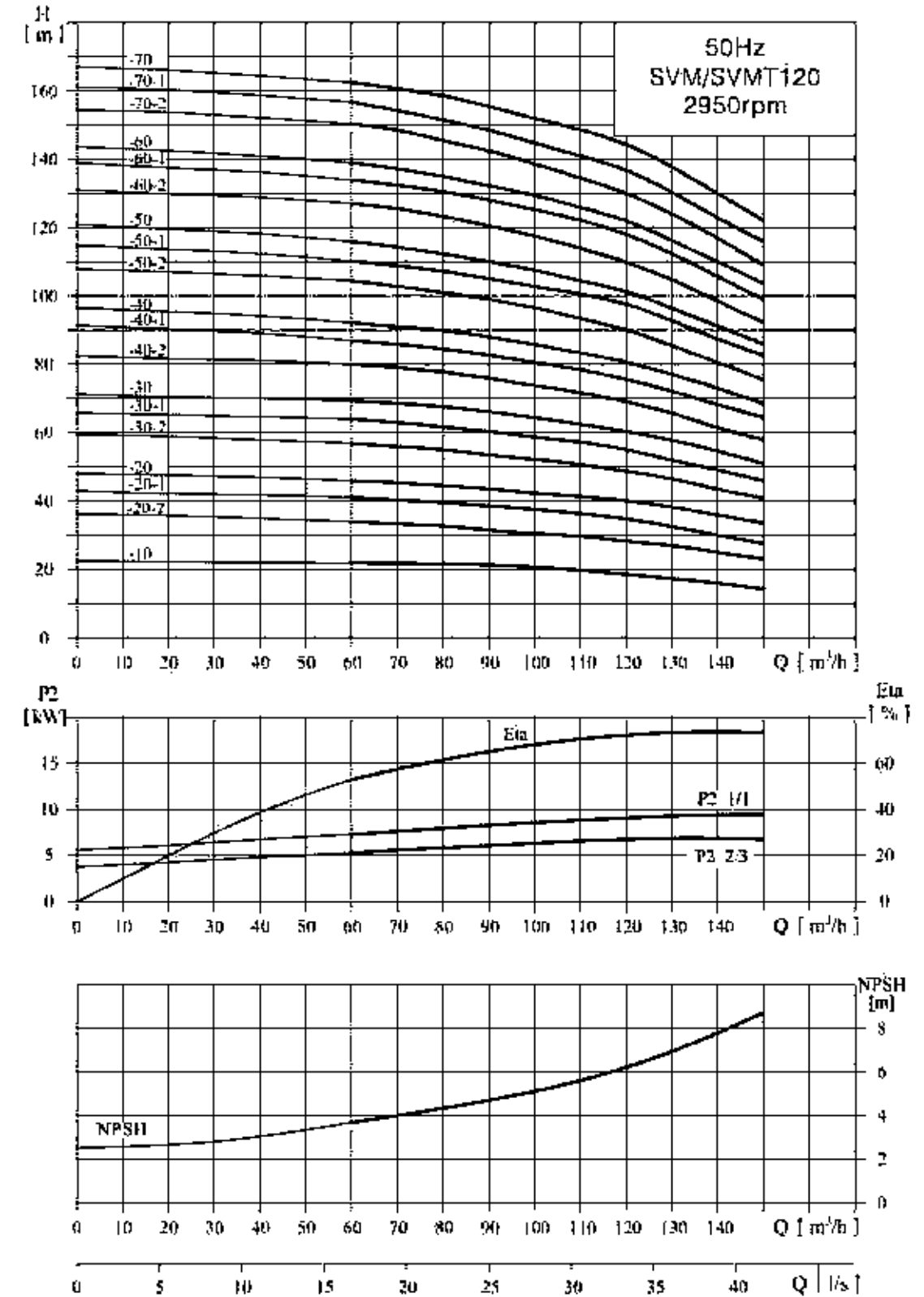


Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)120-10	840	580	1420	350	260	230
SVM(T)120-20-2	1000	580	1580	350	260	245
SVM(T)120-20-1	1000	610	1610	350	260	250
SVM(T)120-20	1000	645	1645	360	285	285
SVM(T)120-30-2	1160	705	1865	400	310	358
SVM(T)120-30-1	1160	705	1865	400	310	360
SVM(T)120-30	1160	705	1865	400	310	360
SVM(T)120-40-2	1320	705	2025	400	310	400
SVM(T)120-40-1	1320	705	2025	400	310	400
SVM(T)120-40	1320	740	2060	460	340	460
SVM(T)120-50-2	1480	740	2220	460	340	470
SVM(T)120-50-1	1480	740	2220	460	340	470
SVM(T)120-50	1480	810	2290	550	370	575
SVM(T)120-60-2	1670	810	2480	550	370	585
SVM(T)120-60-1	1670	810	2480	550	370	585
SVM(T)120-60	1670	870	2540	580	410	705
SVM(T)120-70-2	1830	870	2700	580	410	715
SVM(T)120-70-1	1830	870	2700	580	410	715
SVM(T)120-70	1830	870	2700	580	410	715

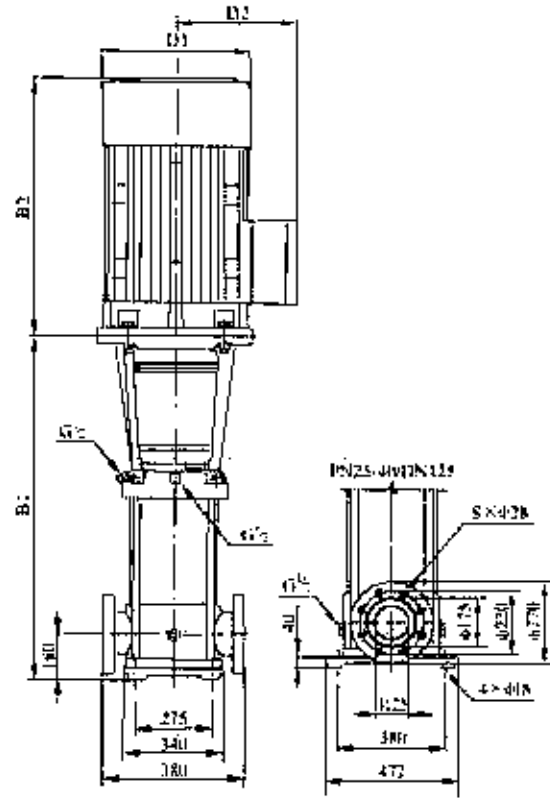
Performance data

Model	Power		Q (m³/h)	H (m)														
	kW	Hp		60	70	80	90	100	110	120	130	140	150					
SVM(T)120-10	11	15	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15						
SVM(T)120-20-2	15	20	34	33.6	33	31	30.2	30	28.5	27	25	24						
SVM(T)120-20-1	18.5	25	41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5						
SVM(T)120-20	22	30	46	45	44.5	43.5	42.4	41	40	38	36	33.5						
SVM(T)120-30-2	30	40	57	56	55	53.5	52	51	49	48.5	45.5	41						
SVM(T)120-30-1	30	40	64	63	62	60	58.5	57.5	55.5	52	49	46						
SVM(T)120-30	30	40	69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51						
SVM(T)120-40-2	37	50	80.5	79	78	76	73.5	72	69	66	61.5	56						
SVM(T)120-40-1	37	50	87	86	84.5	82	80	78	76	72	68	64.5						
SVM(T)120-40	45	60	92.5	91	90	88	85.5	83	81	77	73	68.5						
SVM(T)120-50-2	45	60	104.5	103	101	99	96	93	90	85.5	80.5	75.5						
SVM(T)120-50-1	45	60	110.5	109	107.5	105	102	100	97	92	86.5	83						
SVM(T)120-50	55	75	115.5	114	113	110	107.5	104.5	101.5	96	91	86						
SVM(T)120-60-2	55	75	126	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5						
SVM(T)120-60-1	55	75	134	132	130.5	127	124	121	118	111	105	100						
SVM(T)120-60	75	100	139	137	135	132	128.8	126	123	116	110	104						
SVM(T)120-70-2	75	100	151	148	145.5	143	138.6	134	130	123.5	116.5	109						
SVM(T)120-70-1	75	100	158.5	154	152	148.5	144.5	141	137.5	130	123	116.5						
SVM(T)120-70	75	100	162.5	160.5	158.5	155	151	148	145	137	129	123						

Performance curve



Installation dimensions and weight



Model	Dimension (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
SVM(T)150-10-1	840	580	1420	350	280	235
SVM(T)150-10	840	580	1420	350	280	235
SVM(T)150-20-2	1000	610	1610	350	260	250
SVM(T)150-20-1	1000	645	1645	360	285	295
SVM(T)150-20	1000	705	1705	400	310	350
SVM(T)150-30-2	1160	705	1865	400	310	360
SVM(T)150-30-1	1160	705	1865	400	310	385
SVM(T)150-30	1160	705	1865	400	310	385
SVM(T)150-40-2	1320	740	2060	460	340	460
SVM(T)150-40-1	1320	740	2060	460	340	480
SVM(T)150-40	1350	810	2160	550	370	560
SVM(T)150-50-2	1510	810	2320	550	370	570
SVM(T)150-50-1	1510	870	2380	580	410	690
SVM(T)150-50	1510	870	2380	580	410	690
SVM(T)150-60-2	1670	870	2540	580	410	700
SVM(T)150-60-1	1670	870	2540	580	410	700
SVM(T)150-60	1670	870	2540	580	410	700

Performance data

Model	Power		Q (m³/h)	H (m)											
	kW	Hp		80	90	100	110	120	130	140	150	160	170	180	
SVM(T)150-10-1	11	15	80	18.3	17.8	17.3	17	18	15	14	12.5	11	10	8.5	
SVM(T)150-10	15	20	90	24	23	22.5	22	21.5	20.5	20	18.5	17	16	15	
SVM(T)150-20-2	18.5	25	100	37	35.5	34	33	32	31	29	27.5	26	23	21	
SVM(T)150-20-1	22	30	110	44.3	43	42	40	39	38.5	37.5	35	33	30	27	
SVM(T)150-20	30	40	120	50	49	48	47	45.5	44	42	40	37	34	32	
SVM(T)150-30-2	30	40	130	63.5	61	59	57.5	58	54.5	53	49	45.5	42	39	
SVM(T)150-30-1	37	50	140	70	68	67	65	63	62	60	56	53	49	45	
SVM(T)150-30	37	50	150	78	76.5	75	73	70.5	68	66	63	59	55	50.5	
SVM(T)150-40-2	45	60	160	89	87	84	81.5	79	77	74.5	70.5	65.5	60	56	
SVM(T)150-40-1	45	60	170	96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62	
SVM(T)150-40	55	75	180	104	102	100	97	95	91	88	84	79.5	74	68	
SVM(T)150-50-2	55	75	190	115.5	112	109	106	102.5	100	97	92	86	79	73.5	
SVM(T)150-50-1	75	100	200	122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80	
SVM(T)150-50	75	100	210	130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5	
SVM(T)150-60-2	75	100	220	140	137	133	130	126	121	118	112	106	98	91	
SVM(T)150-60-1	75	100	230	148.5	146	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5	
SVM(T)150-60	75	100	240	157	153	149	145	142	139.5	137	130	123.5	116	109	

Performance curve

