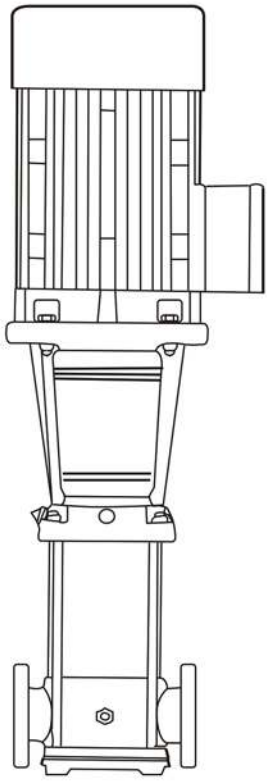
FLUGO



MODEL FVM

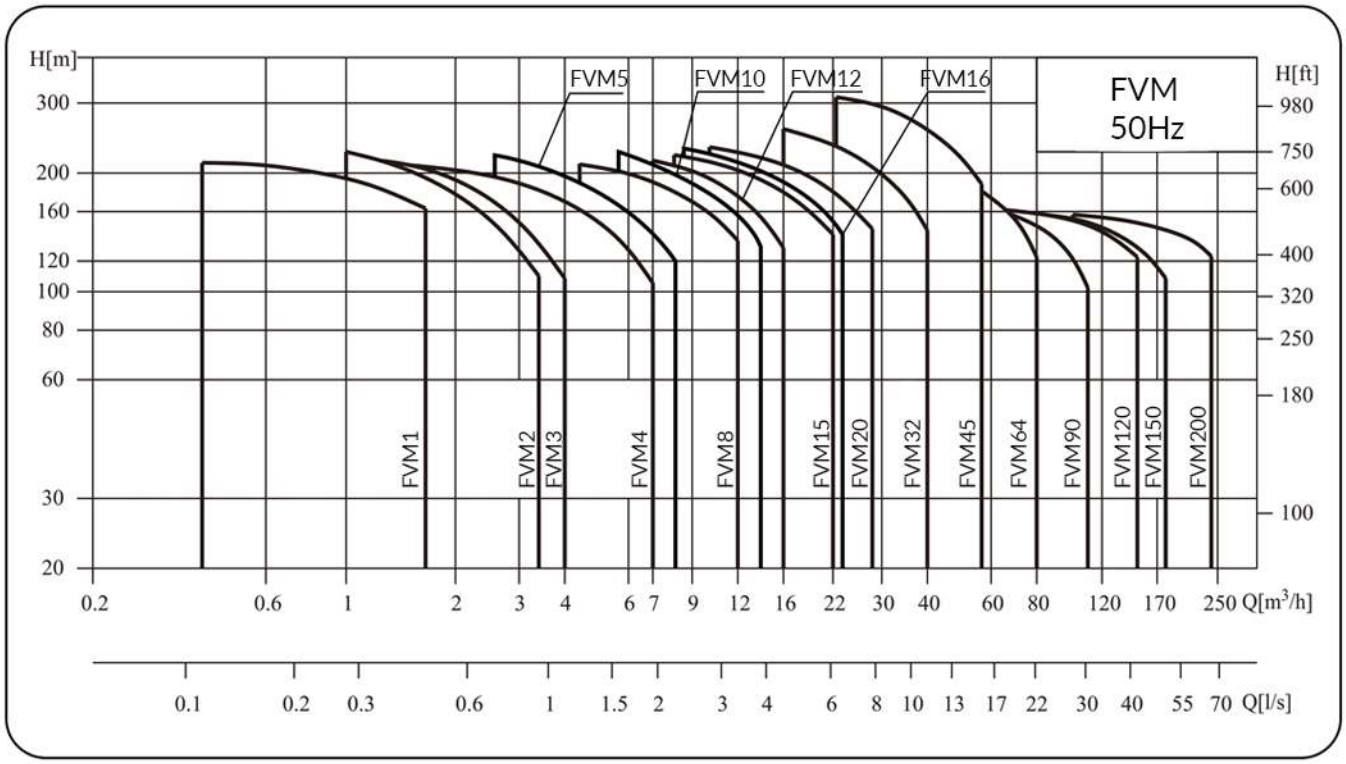
Installation and Operation Instruction



FVM/FVMT | Page 01 - 46

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Range



Specification

Key Parameter	FVM1	FVM2	FVM3	FVM4	FVM5	FVM8	FVM10	FVM12	FVM15	FVM16	FVM20
Rated Flow[m³/h]	1	2	3	4	5	8	10	12	15	16	20
Rated Flow[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 Range[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 Range[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
Max. Pressure[bar]	21	23	22	21	24	21	23	22	23	22	23
Motor Capacity[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
Temp. Range[℃]	-15~105										
Max. Efficiency[%]	44	46	54	58	63	62	70	63	73	66	69
Pipe Connection											
DIN Flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50
Pipe Thread	R1 1¼"	R1 1¼"	R1 1¼"	R1 1¼"	R1 1¼"	R1 2"	R1 2"	R1 2"	R1 2"	R1 2"	R1 2"
Joint Connector	DN32	DN32	DN32	DN32	DN32	DN50	DN50	DN50	DN50	DN50	DN50
Pipe Connection											
DIN Flange	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50

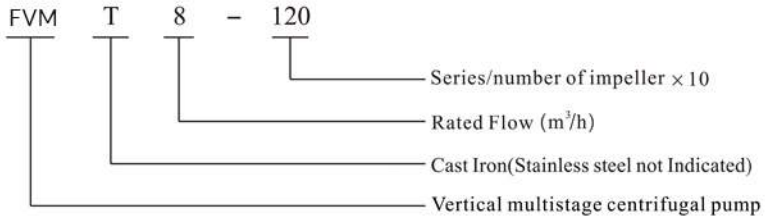
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

FVM Series Model Description, Typical Application

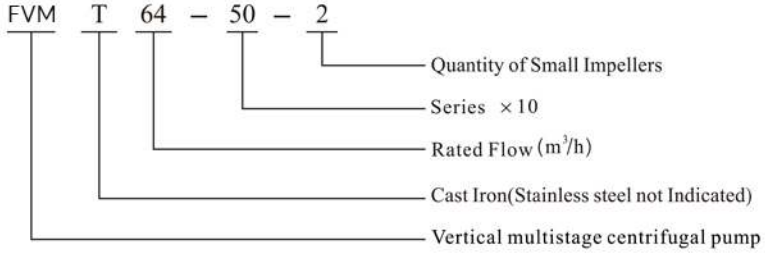
Key Parameter	FVM32	FVM45	FVM64	FVM90	FVM120	FVM150	FVM200
Rated Flow[m^3/h]	32	45	64	90	120	150	200
Rated Flow[l/s]	8.9	12.5	17.8	25	33.3	41.7	55. 6
Flow Range[m^3/h]	16~40	25~55	30~80	50~110	60~150	80~180	100~240
Flow Range [l/s]	4.4~11	6.9~15.3	8~22	14~30	17~42	22~50	28~67
Max. Pressure[bar]	26	30	22	17	16	16	16
Motor Capacity[kW]	1.5~30	3~45	4~45	5.5~45	11~75	11~75	18.5~110
Temp. Range[℃]	-15~105						
Max. Efficiency[%]	74	75	76	77	74	73	79
Pipe Connection							
DIN Flange	DN65	DN80	DN100	DN100	DN125	DN125	DN150

Model Description

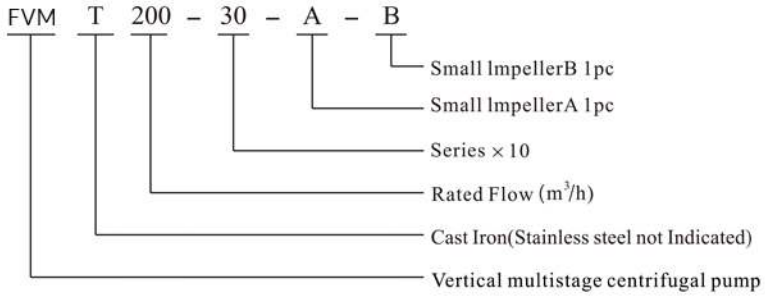
FVM(T) 1/2/3/4/5/8/10/12/15/16/20



FVM(T) 32/45/64/90/120/200



FVM(T)200



Typical Application

- FVM, FVMT pump is vertical multistage centrifugal pump, the pipeline structure can ensure that the pump can be directly installed in the pipeline system which pipe diameters are the same and the outlet and inlet at the same level. This design of structure makes the connection from pump to pipe more compact.
- FVM, FVMTpumps have different specifications and different series, to meet the requirement of flow rate and pressure.
- FVMT(T) is a kind of multifunctional pump, can transfer not only water but also various industrial liquid medium, suitable for different temperature, flow rate and pressure range.
- FVM(T) suitable for non-corrosive liquids, FVM is suitable for mild corrosive liquid.
- Water supply: water filtering and conveying, water partition, net pressure boosting for high -rise buildings, hotels; industrial water pressure boosting.
- Industrial boosting: process water system, cleaning system, high-pressure washing system, fire-fighting system, car cleaning.
- Industrial liquid transportation: cooling and air conditioning system, boiler feed water system and temp erature system, machine matching.
- Delivery: oil and alcohol, acid and alkali, ethylene glycol and coolant.
- Water treatment: Ultra Filtration, RO systems, distillation systems, separator, the swimming pool.
- Irrigation: Region irrigation, sprinkler irrig ation, dripirrigation.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Motor

- Totally enclosed, air-cooled secondary standard motor
- Degree of protection: IP 55
- Insulation class: F
- Standard voltage: 50Hz: 1×220-230/240V
  3×200-220/346-380V
  3×220-240/380-415V
  3×220-255/380-440V
- Other voltage of the motor is available on request.
- Single phase motors from 0.37W-2.2 kW are available on request.

Single Performance Curve

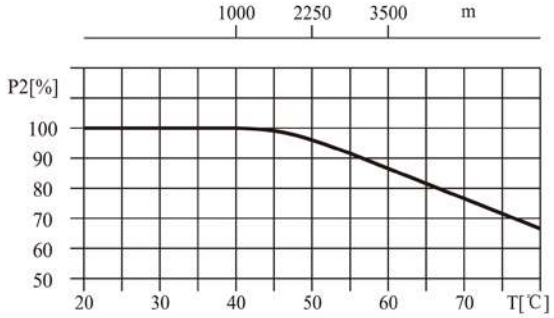
- All measure value of curves are based on the motor in a constant speed of 2900 RPM and 2950 RPM.
- Curve tolerance meets ISO9906, appendix A.
- Test with 20℃ pure water(not contain water), kinematic viscosity 1mm²/s.
- Pump using referring to the performance range of thick lines, to prevent the motor from too small flow to produce overheat and too big flow to produce overload.

Instruction

- FVM, FVMT is non self-priming vertical multistage pump and with standard motor, motor shaft and pump shaft are connected directly by coupling, and the fit the shell and flow passage components on the between the frame and Inlet &outlet seat by pull rod and nuts. The inlet and outlet are in the same level line at the bottom of the pump.
- Pump can be configured intelligent protector according the need, in order to protect pump from dry run, lack of phase, overload and so on.

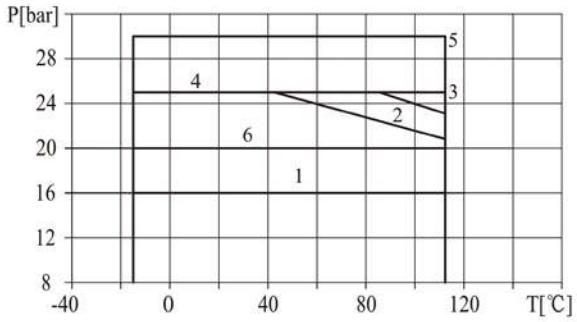
Altitude and Ambient temperature

- When pump works in the condition ambient temperature >40℃ or altitude>1000m, the output of motor P2 will be lower, the power of motor should be bigger.



Max. Working Pressure

- Below picture showing the limit of pressure and temperature, Pressure and temperature shall be in the range of showing.



Model		Curve No.
FVM(T) 1/2/3/4/5		2
FVM(T) 8/10/12/15/16/20		3
FVM(T) 32	32-10-1~32-70	1
	32-80-2~32-120	4
	32-130-2~32-160	5
FVM(T) 45	45-10-1~45-60	1
	45-70-2~45-90	4
	45-100-2~45-130-2	5
FVM(T) 64	64-10-1~64-50	1
	64-60-2~64-80-1	4
FVM(T) 90	90-10-1~90-50-2	1
	90-50~90-60	4
FVM(T) 120/150/200		6

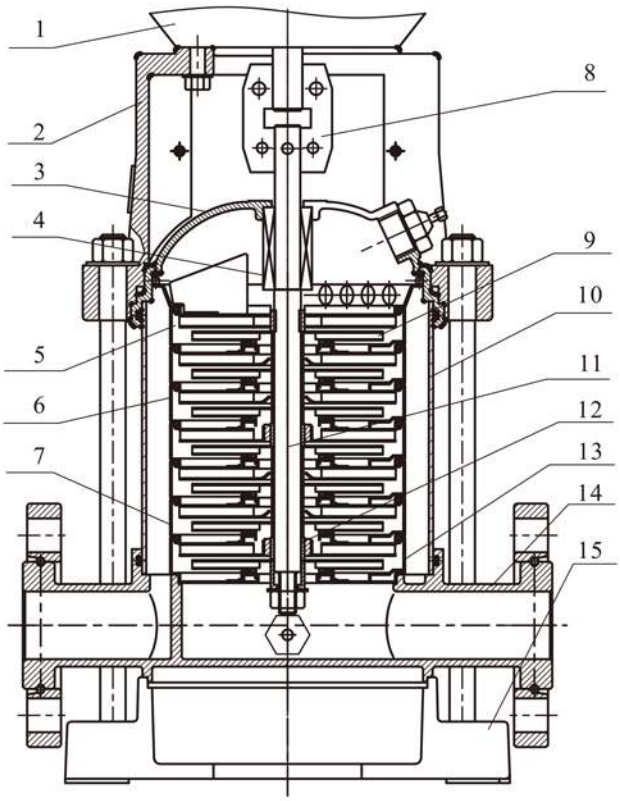
Note:the curve 4/5 need to customize

Working Condition

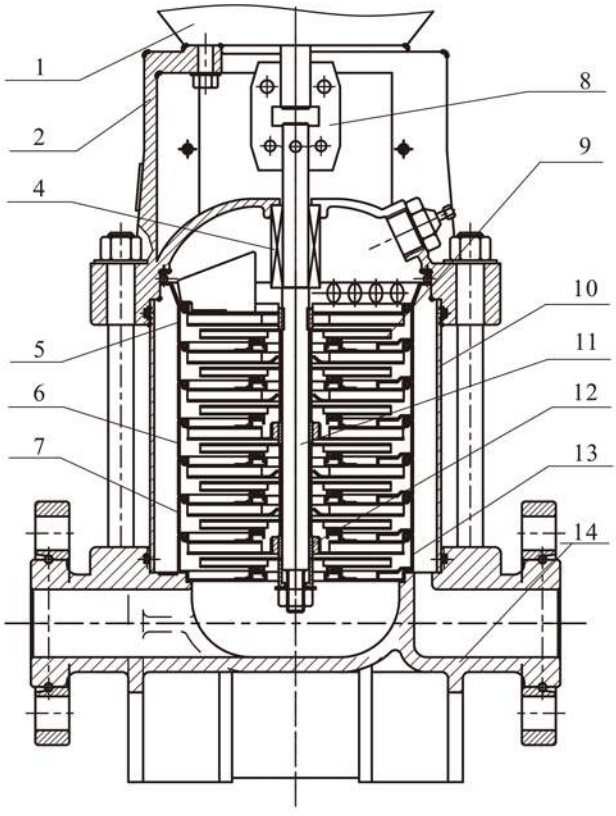
- Thin,clean,non-flammable and explosive and not containing solid particles or fibers liquid.
- Liquid Temperature:
  Normal temperature+15℃-+70℃
  Hot water type -15 ℃-+105℃
- Environment Temperature: Max. 40℃
- Altitude: Max.1000m

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Structure Chart : FVM(T)1/2/3/4/5



FVM



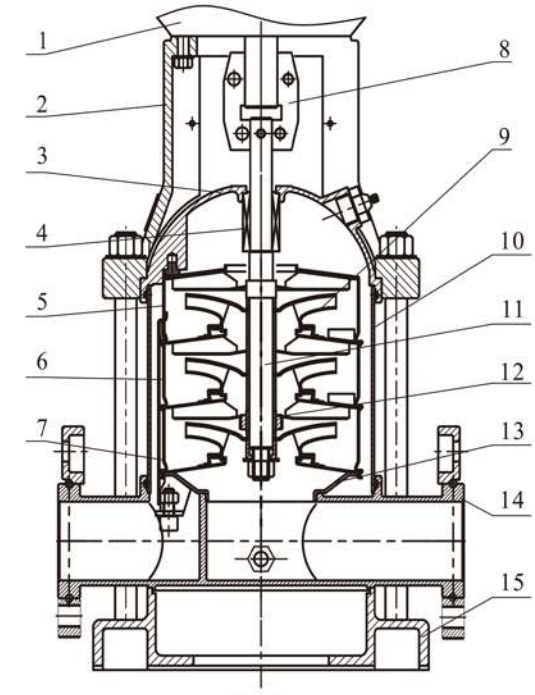
FVMT

Material : FVM(T)1/2/3/4/5

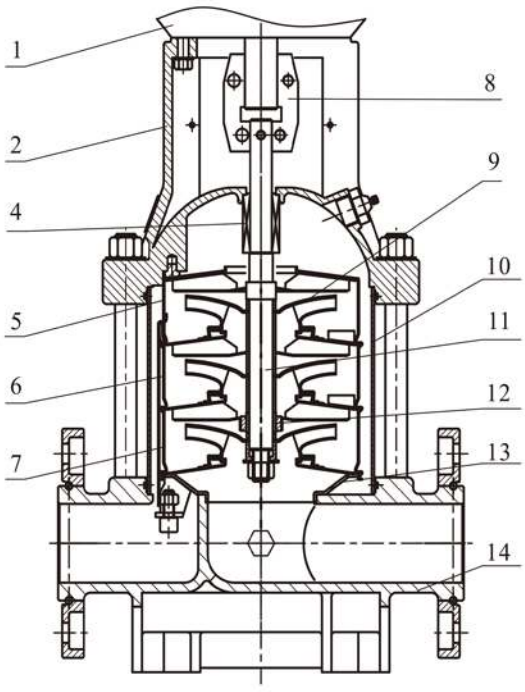
No	Description	Material	AISI/ASTM
1	Motor	Assembling unit	
2	Support	Cast Iron/ Ductile iron	ASTM25B ASTM70-50-05
4	Mechanical seal	Assembling unit	
5	Outlet guide vane	Stainless Steel	AISI304
6	Guide vane	Stainless Steel	AISI304
7	Support guide vane	Stainless Steel	AISI304
8	Coupling	Ductile Iron	ASTM70-50-05
9	Impeller	Stainless Steel	AISI304
10	Shell	Stainless Steel	AISI304
11	Pump Shaft	Stainless Steel	AISI304 AISI316L
12	Bearing	Tungsten Carbid	
13	Inlet guide vane	Stainless Steel	AISI304
	FVM		
3	Seal Seat	Stainless Steel	AISI304
14	Inlet &outlet seat	Stainless Steel	AISI304
15	Seat	Cast Iron	ASTM25B
	FVMT		
14	Inlet &outlet seat	Cast Iron	ASTM25B

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Structure Chart :
FVM(T) 8/10/12/15/16/20



FVM



FVMT

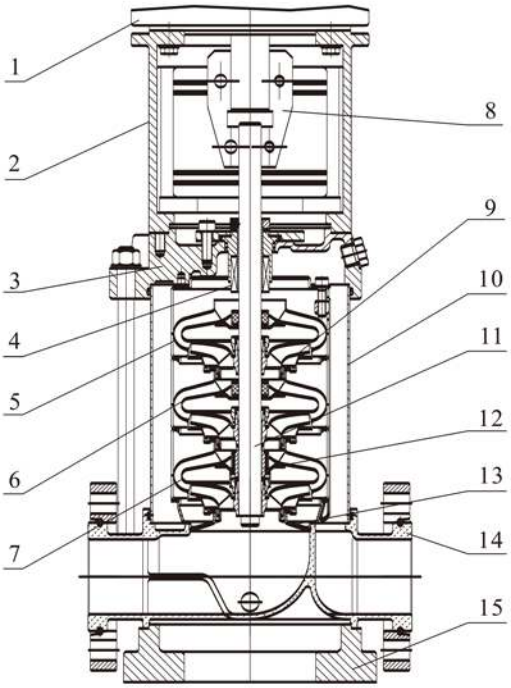
Material :
FVM(T) 8/10/12/15/16/20

No	Description	Material	AISI/ASTM
1	Motor	Assembling unit	
2	Support	Cast Iron/ Ductile iron	ASTM25B ASTM70-50-05
4	Mechanical seal	Assembling unit	
5	Outlet guide vane	Stainless Steel	AISI304
6	Guide vane	Stainless Steel	AISI304
7	Support guide vane	Stainless Steel	AISI304
8	Coupling	Ductile iron	ASTM70-50-05
9	Impeller	Stainless Steel	AISI304
10	Shell	Stainless Steel	AISI304
11	Pump Shaft	Stainless Steel	AISI304 AISI316L
12	Bearing	Tungsten Carbide	
13	Inlet guide vane	Stainless Steel	AISI304
FVM			
3	Seal Seat	Stainless Steel	AISI304
14	Inlet &outlet seat	Stainless Steel	AISI304
15	Seat	Cast Iron	ASTM25B
FVMT			
14	Inlet &outlet seat	Cast Iron	ASTM25B

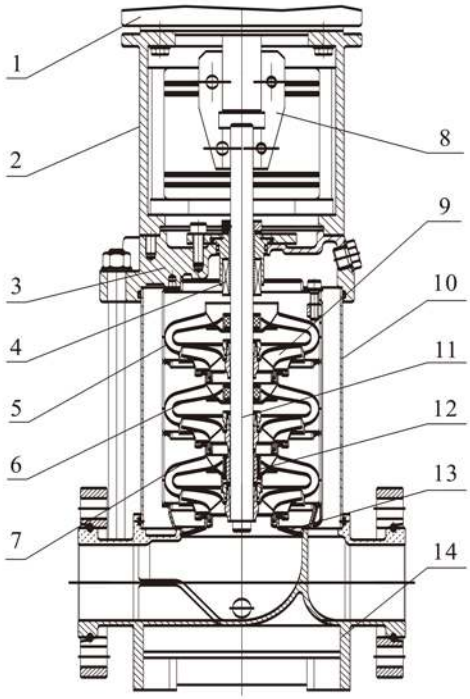
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

FLUGO

Structure Chart :
FVM(T) 32/45/64/90



FVM



FVMT

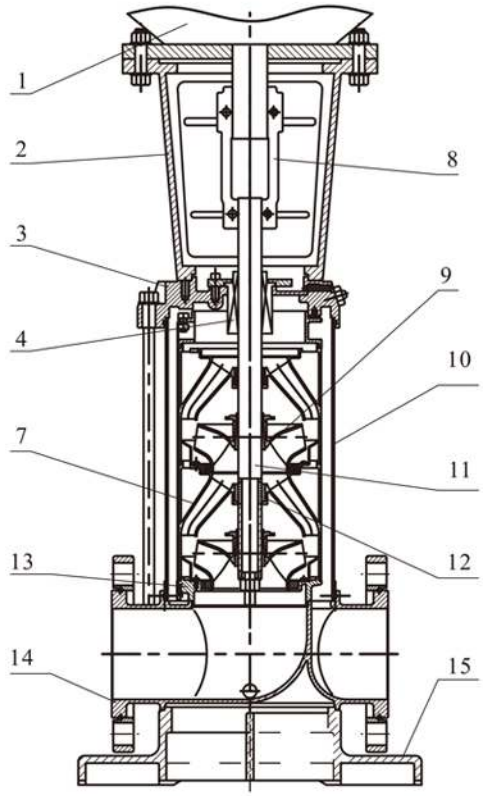
Material :
FVM(T) 32/45/64/90

No	Description	Material	AISI/ASTM
1	Motor	Assembling unit	
2	Support	Cast Iron/ Ductile iron	ASTM25B
4	Mechanical seal	Assembling unit	
5	Outlet guide vane	Stainless Steel	AISI304
6	Guide vane	Stainless Steel	AISI304
7	Support guide vane	Stainless Steel	AISI304
8	Coupling	Ductile iron	ASTM70-50-05
9	Impeller	Stainless Steel	AISI304
10	Shell	Stainless Steel	AISI304
11	Pump Shaft	Stainless Steel	AISI304 AISI316L AISI431
12	Bearing	Tungsten Carbide	
13	Inlet guide vane	Stainless Steel	AISI304
FVM			
3	Seal Seat	Stainless Steel	AISI304
14	Inlet &outlet seat	Stainless Steel	AISI304
15	Seat	Cast Iron	ASTM25B
FVMT			
3	Seal Seat	Cast Iron/ Ductile iron	ASTM25B ASTM70-50-05
14	Inlet &outlet seat	Cast Iron/ Ductile iron	ASTM25B ASTM70-50-05

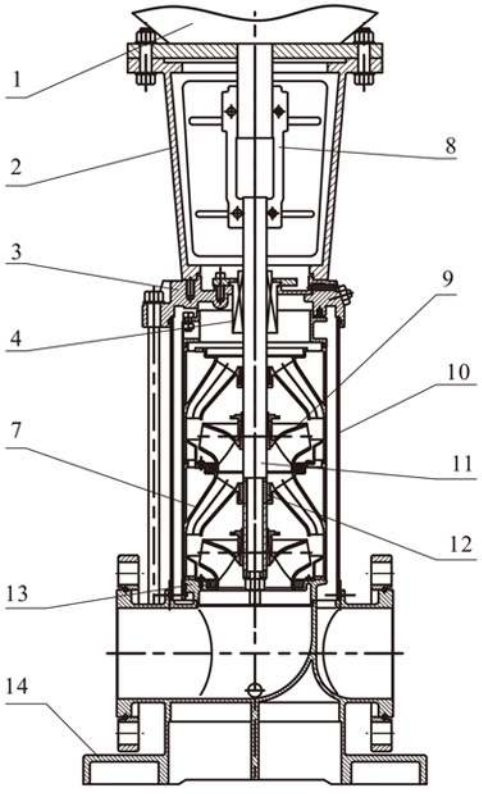
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

FLUGO

Structure Chart :
FVM(T) 120/150/200



FVM



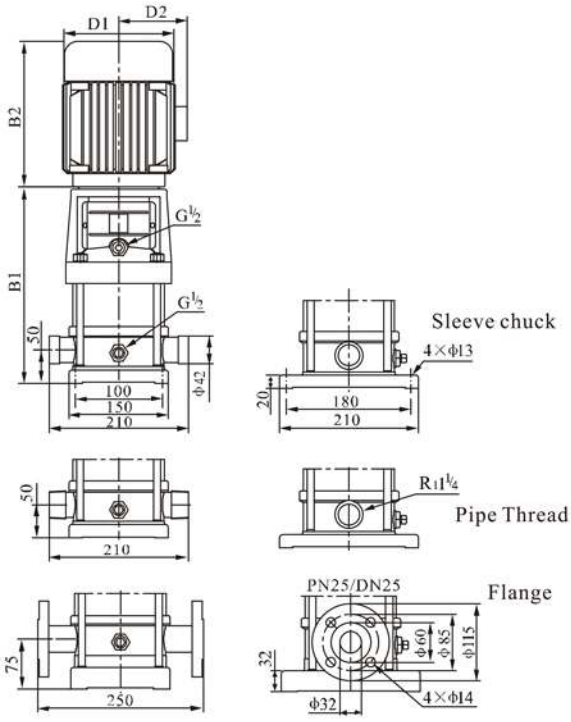
FVMT

Material :
FVM(T) 120/150/200

No	Description	Material	AISI/ASTM
1	Motor	Assembling unit	
2	Frame	Cast Iron/Ductile iron	ASTM25B ASTM70-50-05
4	Seal	Assembling unit	
7	Support guide vane	Stainless Steel	AISI304
8	Coupling	Ductile iron	ASTM70-50-05
9	Impeller	Stainless Steel	AISI304
10	Shell	Stainless Steel	AISI304
11	Pump Shaft	Stainless Steel	AISI304 AISI316L AISI431
12	Bearing	Tungsten Carbide	
13	Inlet guide vane	Stainless Steel	AISI304
	FVM		
3	seal seat	Stainless Steel	AISI304
14	Inlet &outlet seat	Stainless Steel	AISI304
15	Seat	Ductile iron	ASTM70-50-05
	FVMT		
3	Seal Seat	Ductile iron	ASTM70-50-05
14	Inlet &outlet seat	Cast Iron/Ductile iron	ASTM25B ASTM70-50-05

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size (mm)					Weight(kg)
	B1	B2	B1+B2	D1	D2	
FVM1-20	258	225	483	148	117	20
FVM1-30	276	225	501	148	117	20
FVM1-40	294	225	519	148	117	21
FVM1-50	312	225	537	148	117	21
FVM1-60	330	225	555	148	117	22
FVM1-70	348	225	573	148	117	23
FVM1-80	366	225	591	148	117	24
FVM1-90	384	225	609	148	117	25
FVM1-100	402	225	627	148	117	26
FVM1-110	420	225	645	148	117	26
FVM1-120	448	245	693	170	142	29
FVM1-130	466	245	711	170	142	30
FVM1-150	502	245	747	170	142	31
FVM1-170	538	245	783	170	142	33
FVM1-190	574	245	819	170	142	34
FVM1-210	610	245	855	170	142	35
FVM1-230	646	245	891	170	142	36
FVM1-250	692	290	982	190	155	42
FVM1-270	728	290	1018	190	155	43
FVM1-300	782	290	1072	190	155	45
FVM1-330	836	290	1126	190	155	49
FVM1-360	890	290	1180	190	155	51

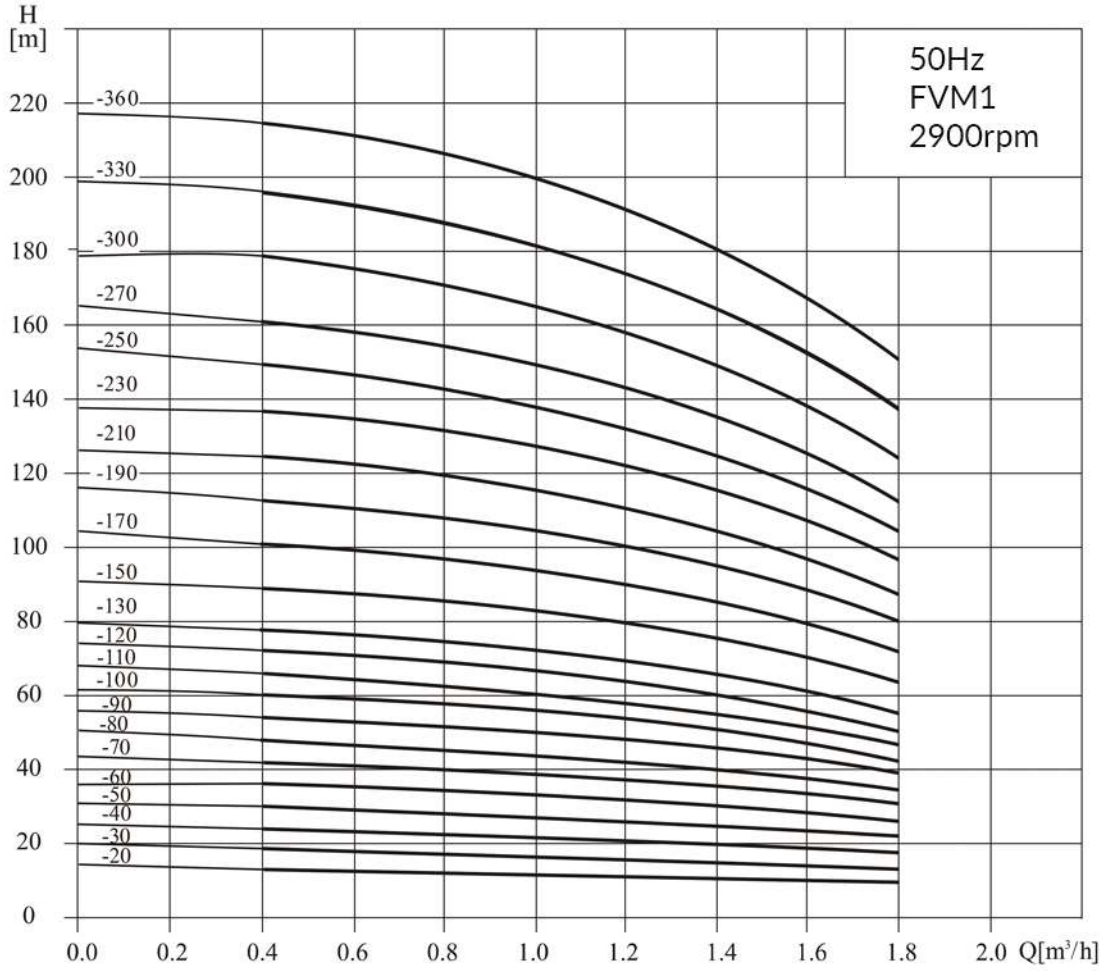
Performance Table

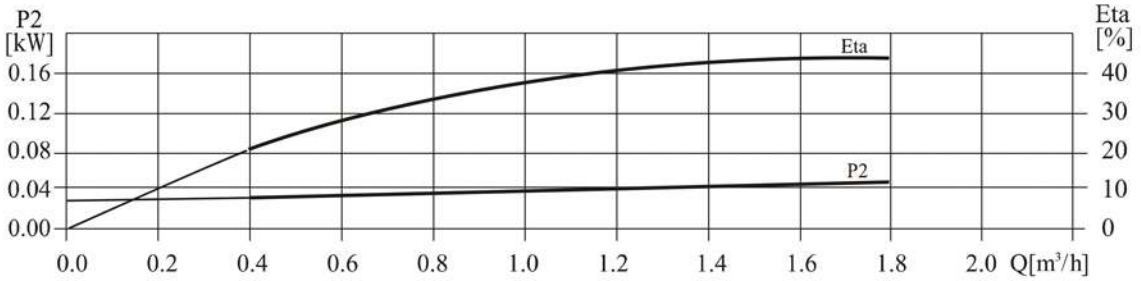
Model	Associated motor(kW)	Q (m^3/h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8
FVM1-20	0.37	H (m)	13	12.5	12	11.5	11	10.5	10	9.5
FVM1-30	0.37		19	18	17.5	17	16.5	16	15	14
FVM1-40	0.37		24	23.5	23	22.5	21.5	21	19	18
FVM1-50	0.37		30	29.6	29	28	27	26	24	22
FVM1-60	0.37		36	35.5	35	33.5	33	31	28	26
FVM1-70	0.37		42	41	40.5	39	38	36	33	30
FVM1-80	0.55		48	47	46	45	43	41	38	34
FVM1-90	0.55		54	53	52	51	49	46	43	39
FVM1-100	0.55		60	59	58	57	54	51	48	43
FVM1-110	0.55		66	65	63	61	59	56	52	47
FVM1-120	0.75		72	71	69	67	64	61	57	51
FVM1-130	0.75		78	77	75	73	69	66	62	55
FVM1-150	0.75		89	88	86	84	79	76	71	63
FVM1-170	1.1		101	99	97	95	89	86	80	71
FVM1-190	1.1		113	110	108	106	99	96	89	79
FVM1-210	1.1		124	122	120	117	110	106	98	87
FVM1-230	1.1		137	133	131	128	121	116	107	96
FVM1-250	1.5		149	145	143	139	131	126	116	104
FVM1-270	1.5		161	157	155	150	141	136	125	112
FVM1-300	1.5		178	175	171	166	157	150	139	124
FVM1-330	2.2		196	192	188	183	173	165	154	137
FVM1-360	2.2		214	210	205	200	190	181	169	151

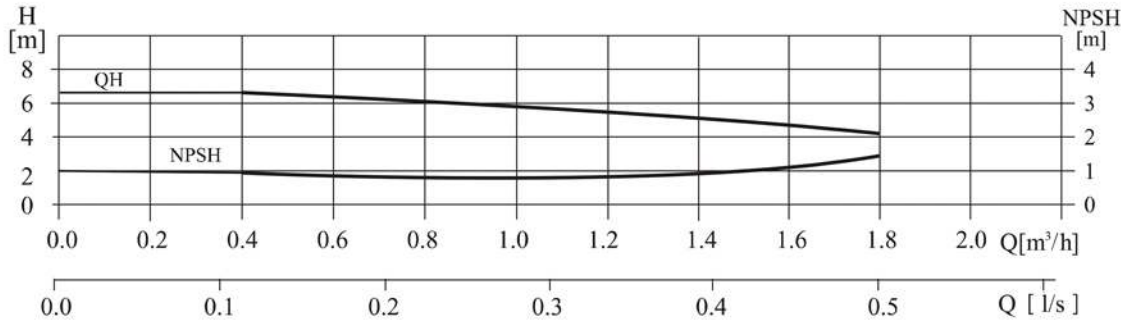
Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves

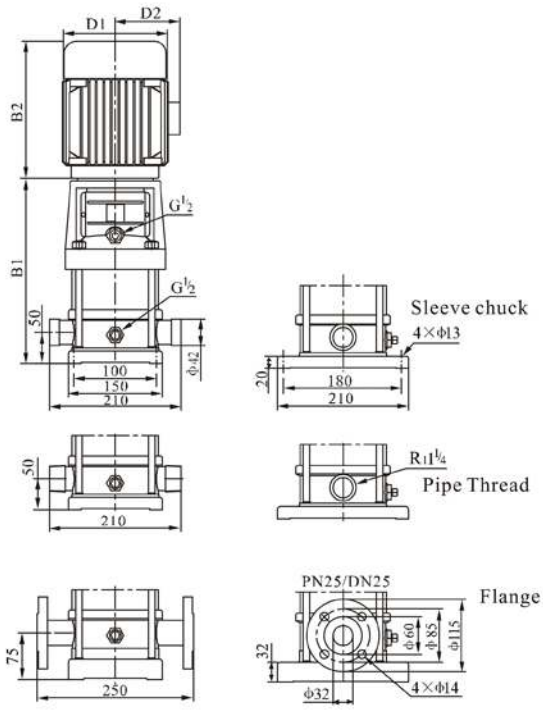






FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM2-20	258	225	483	148	117	20
FVM2-30	276	225	501	148	117	20
FVM2-40	294	225	519	148	117	22
FVM2-50	312	225	537	148	117	23
FVM2-60	340	245	585	170	142	26
FVM2-70	358	245	603	170	142	26
FVM2-90	394	245	639	170	142	28
FVM2-110	430	245	675	170	142	29
FVM2-130	476	290	766	190	155	35
FVM2-150	512	290	802	190	155	36
FVM2-180	566	290	856	190	155	41
FVM2-220	638	290	928	190	155	42
FVM2-260	720	345	1065	197	165	52

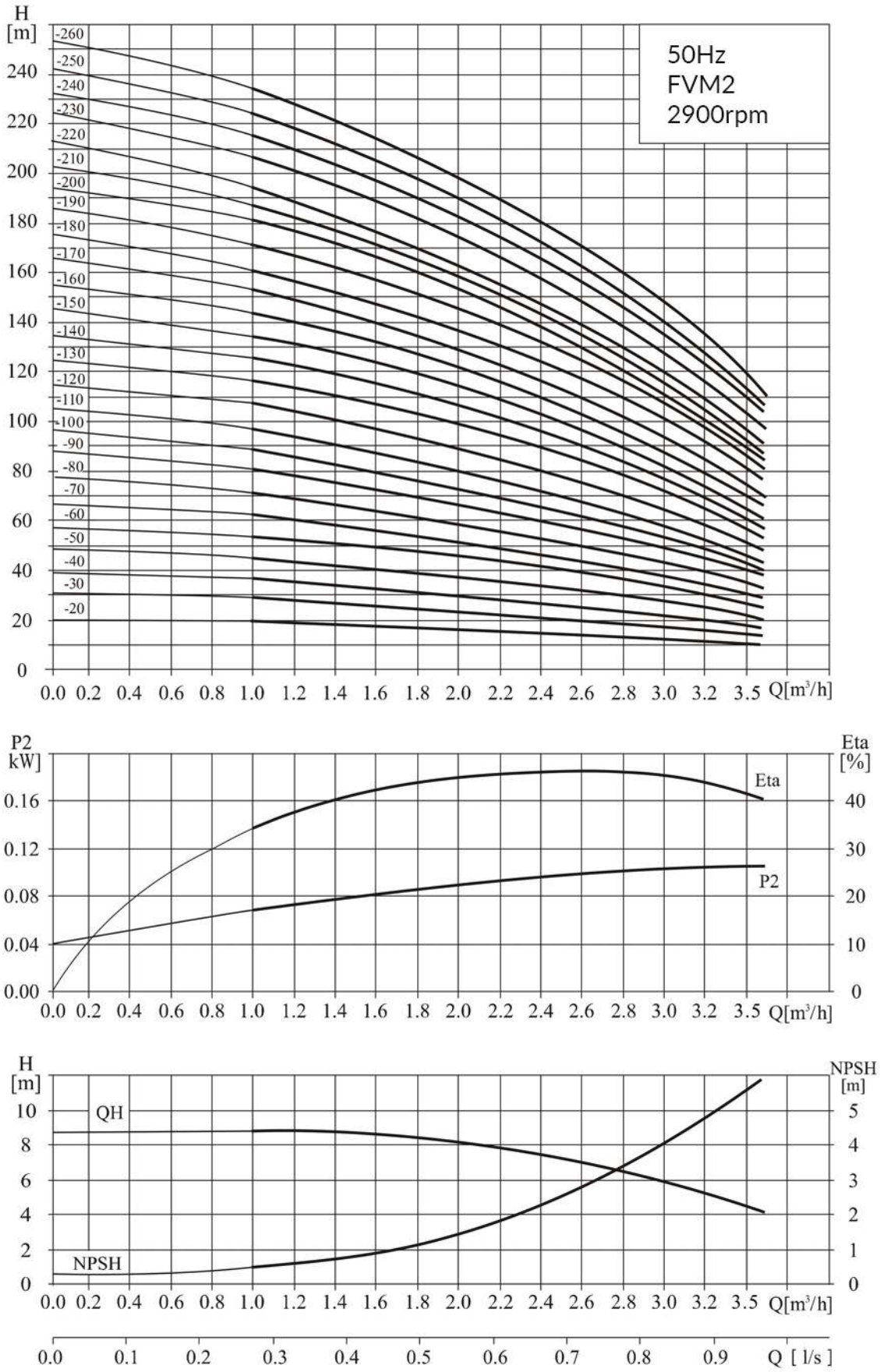
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
FVM2-20	0.37	H (m)	18	17	16	15	13	12	10	8
FVM2-30	0.37		27	26	24	22	20	18	15	12
FVM2-40	0.55		36	35	33	30	26	24	20	16
FVM2-50	0.55		45	43	40	37	33	30	24	20
FVM2-60	0.75		53	52	50	45	40	36	30	24
FVM2-70	0.75		63	61	57	52	47	41	35	28
FVM2-90	1.1		80	78	73	67	61	54	45	37
FVM2-110	1.1		98	95	89	82	73	64	54	44
FVM2-130	1.5		116	114	106	98	89	78	65	52
FVM2-150	1.5		134	130	123	112	100	90	73	60
FVM2-180	2.2		161	157	148	136	121	108	91	76
FVM2-220	2.2		197	192	180	165	148	130	110	90
FVM2-260	3.0		232	228	214	198	179	158	130	110

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

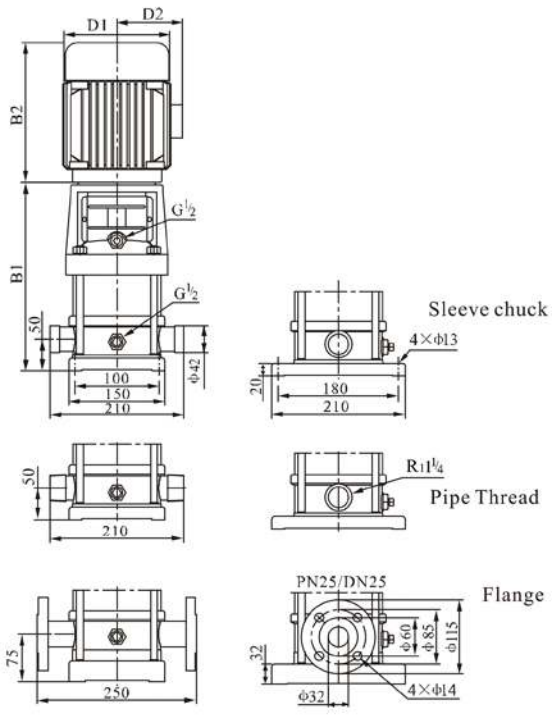
Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

FVM Series Installation Drawing & Performance Table

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM3-20	258	225	483	148	117	20
FVM3-30	276	225	501	148	117	20
FVM3-40	294	225	519	148	117	21
FVM3-50	312	225	537	148	117	21
FVM3-60	330	225	555	148	117	23
FVM3-70	348	225	573	148	117	24
FVM3-80	376	245	621	170	142	27
FVM3-90	394	245	639	170	142	28
FVM3-100	412	245	657	170	142	28
FVM3-110	430	245	675	170	142	29
FVM3-120	448	245	693	170	142	30
FVM3-130	466	245	711	170	142	31
FVM3-150	502	245	747	170	142	32
FVM3-170	548	290	838	190	155	38
FVM3-190	584	290	874	190	155	39
FVM3-210	620	290	910	190	155	42
FVM3-230	656	290	946	190	155	43
FVM3-250	692	290	982	190	155	44
FVM3-270	728	290	1018	190	155	45
FVM3-290	764	290	1054	190	155	46
FVM3-310	810	345	1155	197	165	54
FVM3-330	846	345	1191	197	165	55
FVM3-360	900	345	1245	197	165	57

Performance Table

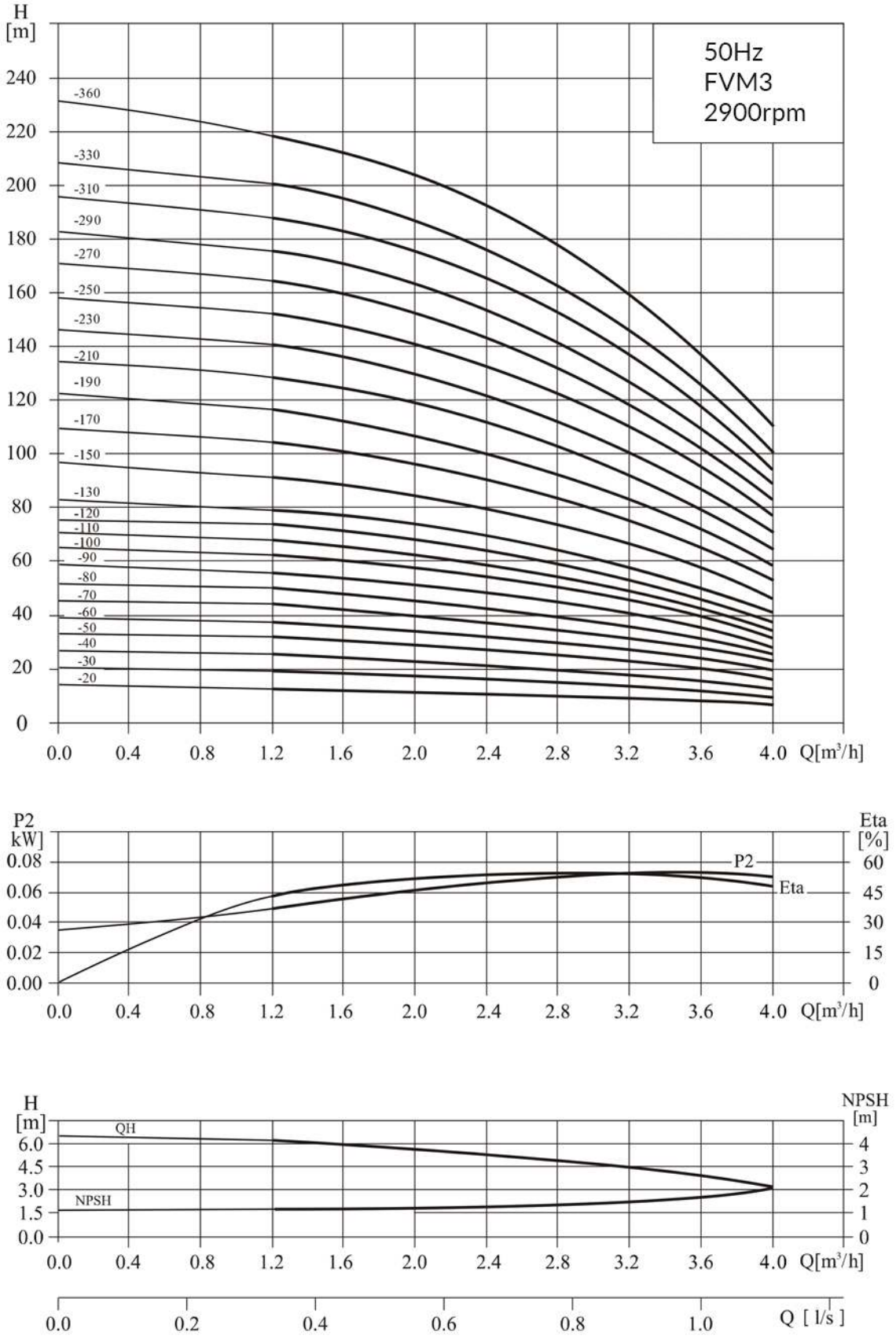
Model	Associated motor(kW)	Q (m^3/h)	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
FVM3-20	0.37	H (m)	12.5	11.5	11	10.5	10	9	8	7	6
FVM3-30	0.37		19	18.5	17.5	16.5	15	14	13	11	9
FVM3-40	0.37		25	24	23	21.5	20	19	18	15	12
FVM3-50	0.37		31	30	29	27	25	23	22	19	16
FVM3-60	0.55		36	35	34	32	30	28	27	23	19
FVM3-70	0.55		43	41	39	37	34	32	31	27	22
FVM3-80	0.75		49	47	45	43	39	37	35	31	25
FVM3-90	0.75		55	53	51	48	45	42	40	35	28
FVM3-100	0.75		61	59	57	54	50	47	45	39	31
FVM3-110	1.1		67	64	61	58	54	51	49	42	34
FVM3-120	1.1		73	70	67	63	58	55	52	45	37
FVM3-130	1.1		78	76	73	69	64	60	57	49	40
FVM3-150	1.1		90	88	84	79	73	69	66	57	46
FVM3-170	1.5		103	100	96	90	83	79	75	64	52
FVM3-190	1.5		115	112	107	100	92	88	83	72	58
FVM3-210	2.2		128	124	119	112	102	98	91	79	64
FVM3-230	2.2		140	135	130	122	112	107	100	86	70
FVM3-250	2.2		151	147	141	131	122	116	109	94	76
FVM3-270	2.2		164	159	152	143	132	124	117	101	82
FVM3-290	2.2		175	170	163	153	142	133	126	109	88
FVM3-310	3.0		187	182	175	165	153	142	135	116	94
FVM3-330	3.0		199	194	187	176	163	151	145	125	100
FVM3-360	3.0		218	212	204	192	178	168	159	137	109

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

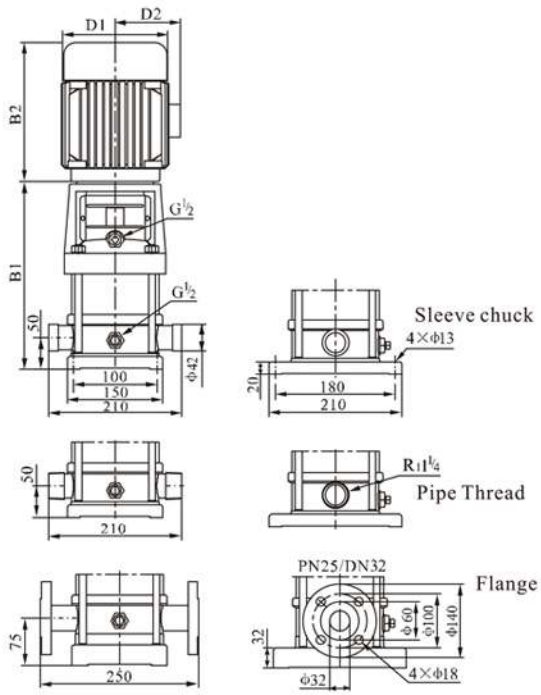
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM4-20	276	225	501	148	117	21
FVM4-30	303	225	528	148	117	22
FVM4-40	340	245	585	170	142	25
FVM4-50	367	245	612	170	142	27
FVM4-60	394	245	639	170	142	27
FVM4-70	431	290	721	190	155	33
FVM4-80	458	290	748	190	155	33
FVM4-100	512	290	802	190	155	37
FVM4-120	566	290	856	190	155	38
FVM4-140	630	345	975	197	165	46
FVM4-160	684	345	1029	197	165	48
FVM4-190	765	355	1120	230	188	57
FVM4-220	846	355	1201	230	188	59

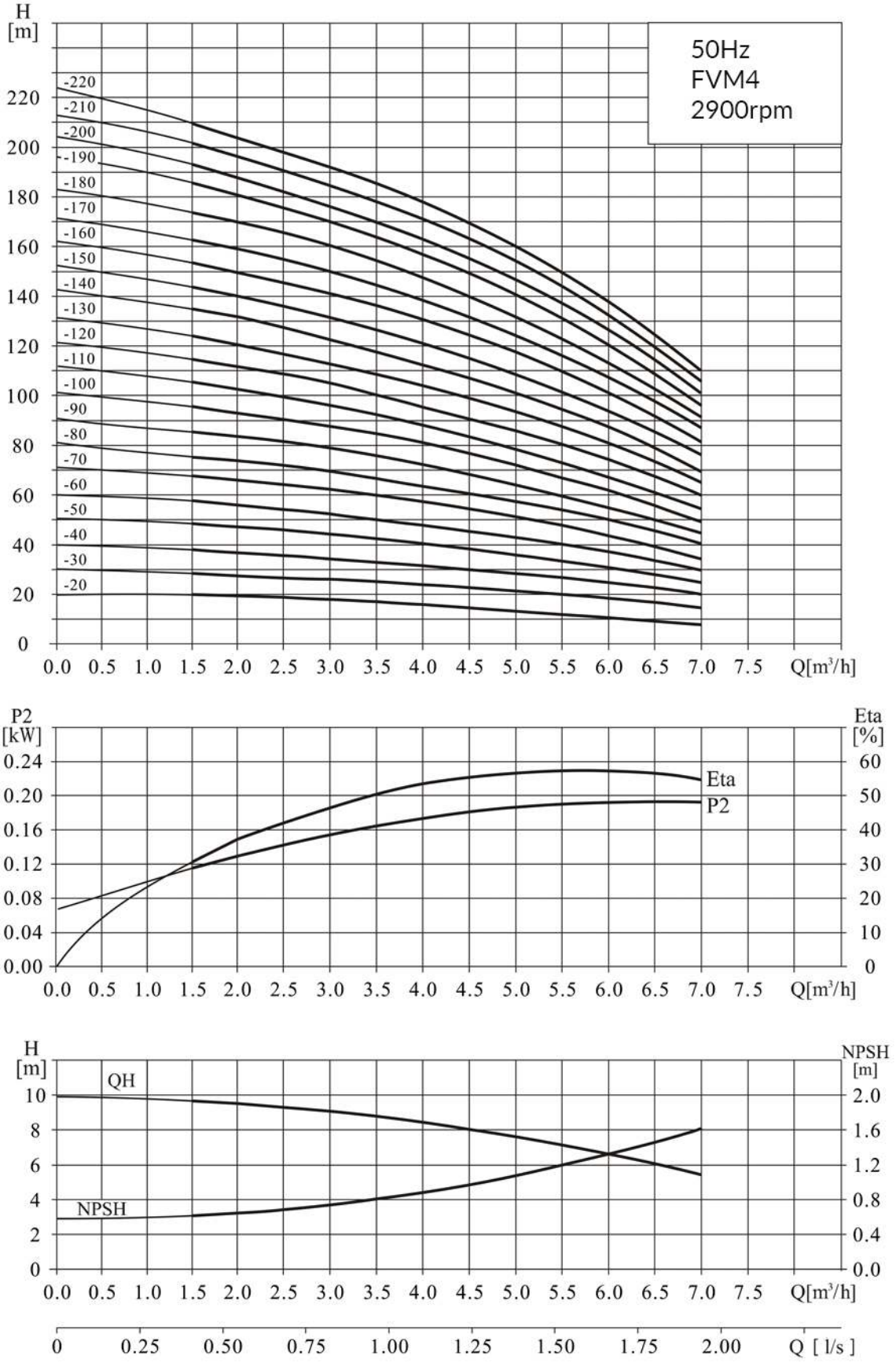
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0
FVM4-20	0.37		19	18	17	15	13	10	8
FVM4-30	0.55		28	27	26	24	20	18	13
FVM4-40	0.75		38	36	34	32	27	24	19
FVM4-50	1.1		47	45	43	40	34	31	23
FVM4-60	1.1		56	54	52	48	41	37	28
FVM4-70	1.5		66	63	61	56	48	43	33
FVM4-80	1.5	H (m)	74	72	70	64	55	50	38
FVM4-100	2.2		96	90	87	81	71	62	48
FVM4-120	2.2		114	108	104	95	85	75	58
FVM4-140	3.0		136	126	122	112	101	89	68
FVM4-160	3.0		152	144	140	129	115	101	78
FVM4-190	4.0		183	171	168	153	137	122	93
FVM4-220	4.0		211	200	192	178	160	138	108

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

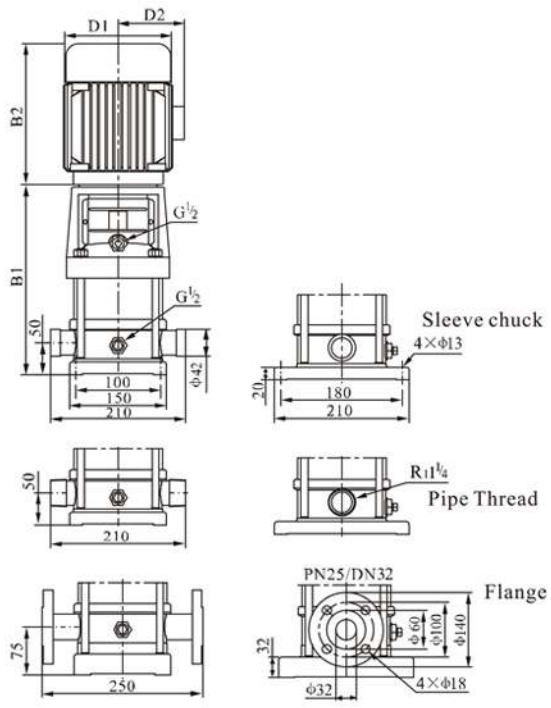
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM5-20	276	225	501	148	117	21
FVM5-30	303	225	528	148	117	22
FVM5-40	330	225	555	148	117	23
FVM5-50	367	245	612	170	142	25
FVM5-60	394	245	639	170	142	26
FVM5-80	448	245	693	170	142	27
FVM5-100	512	290	802	190	155	33
FVM5-120	566	290	856	190	155	37
FVM5-140	620	290	910	190	155	38
FVM5-160	674	290	964	190	155	39
FVM5-180	738	345	1083	197	165	48
FVM5-200	792	345	1137	197	165	49
FVM5-220	846	355	1201	230	185	57
FVM5-240	900	355	1255	230	185	58
FVM5-260	954	355	1309	230	185	59
FVM5-290	1035	355	1390	230	185	60
FVM5-320	1136	390	1526	260	210	75
FVM5-360	1244	390	1634	260	210	76

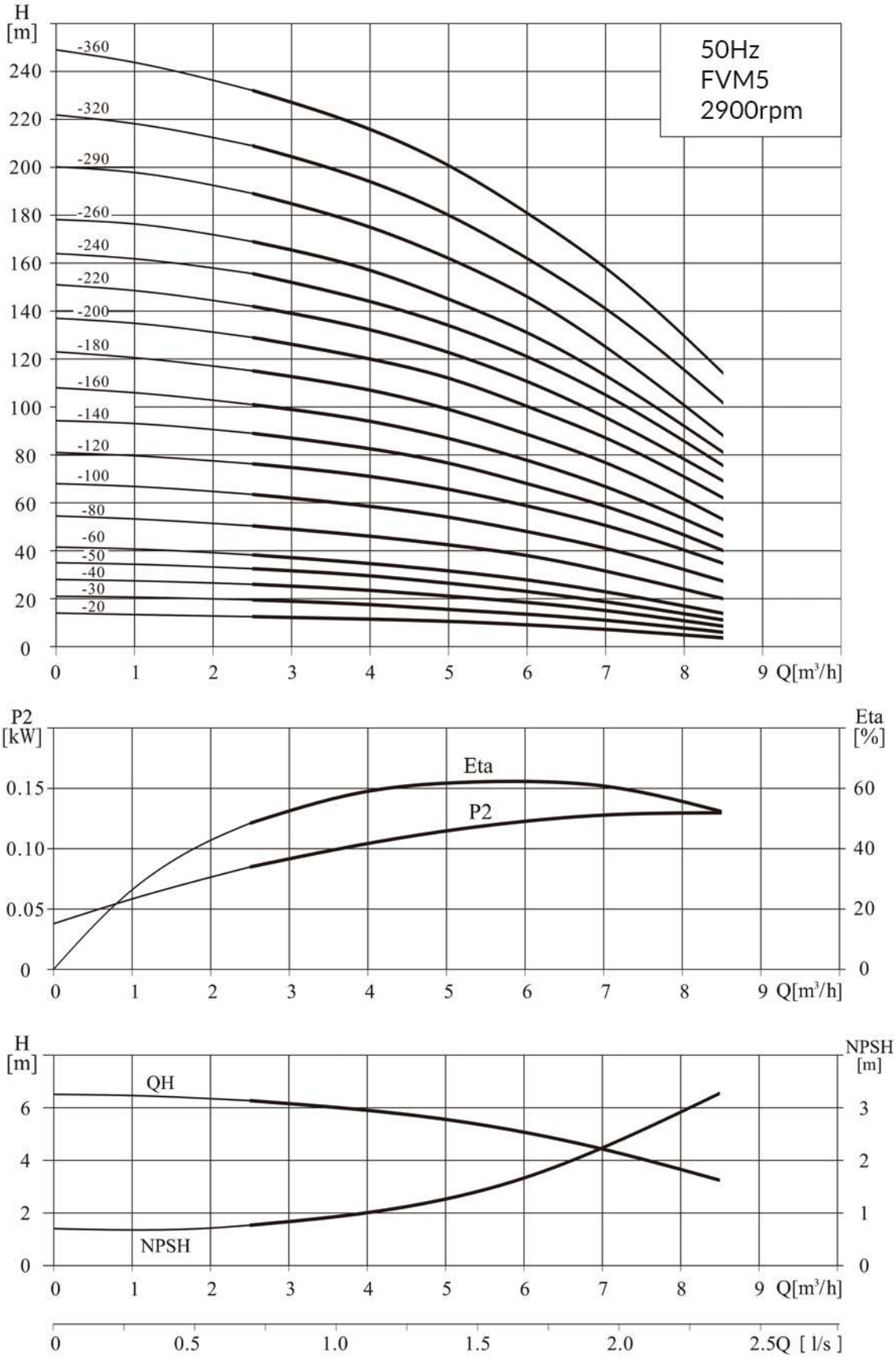
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	2.5	4	5	6	7	8.5
FVM5-20	0.37		12.5	11.5	10.5	9	7	3.5
FVM5-30	0.55		19.5	17.5	15.5	13.5	11	6
FVM5-40	0.55		26	23.5	21	18.5	15	8.5
FVM5-50	0.75		32.5	29.5	26.5	23	18.5	11
FVM5-60	1.1		38.5	34.5	31.5	28	23	14
FVM5-80	1.1		50.5	46	42.5	38	31.5	20
FVM5-100	1.5		63.5	58.5	54	48	41	27.5
FVM5-120	2.2		76	71	65.5	58.5	50.5	35
FVM5-140	2.2	H (m)	89	82	76.5	68	58.5	40
FVM5-160	2.2		101	94	87	77.5	66.5	46
FVM5-180	3.0		115	107	99	88.5	77	53
FVM5-200	3.0		129	120	112	100	87	62
FVM5-220	4.0		142	132	123	111	96	69
FVM5-240	4.0		156	144	134	121	105	75.5
FVM5-260	4.0		169	157	145	131	113	81
FVM5-290	4.0		189	175	162	146	125	88
FVM5-320	5.5		209	194	180	162	141	102
FVM5-360	5.5		232	216	201	181	158	114

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

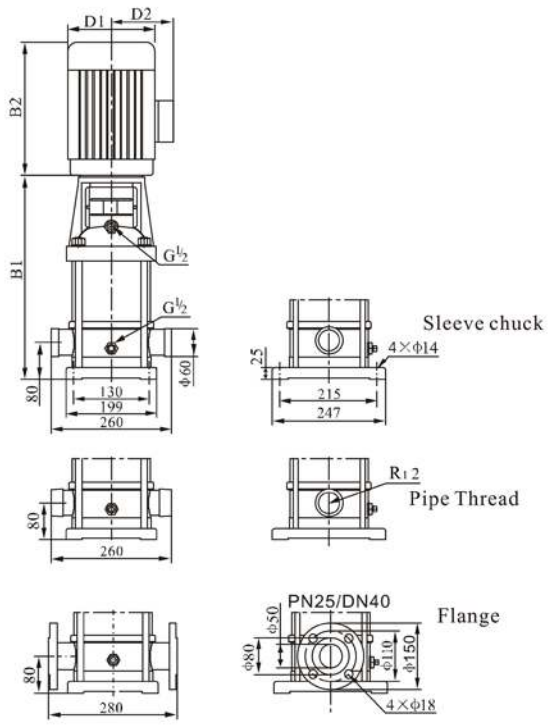
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM8-20	347	245	592	170	142	32
FVM8-30	377	245	622	170	142	34
FVM8-40	417	290	707	190	155	40
FVM8-50	447	290	737	190	155	44
FVM8-60	477	290	767	190	155	45
FVM8-80	547	345	892	197	165	53
FVM8-100	607	355	962	230	188	64
FVM8-120	667	355	1022	230	188	66
FVM8-140	747	390	1137	260	208	81
FVM8-160	807	390	1197	260	208	84
FVM8-180	867	390	1257	260	208	93
FVM8-200	927	390	1317	260	208	94

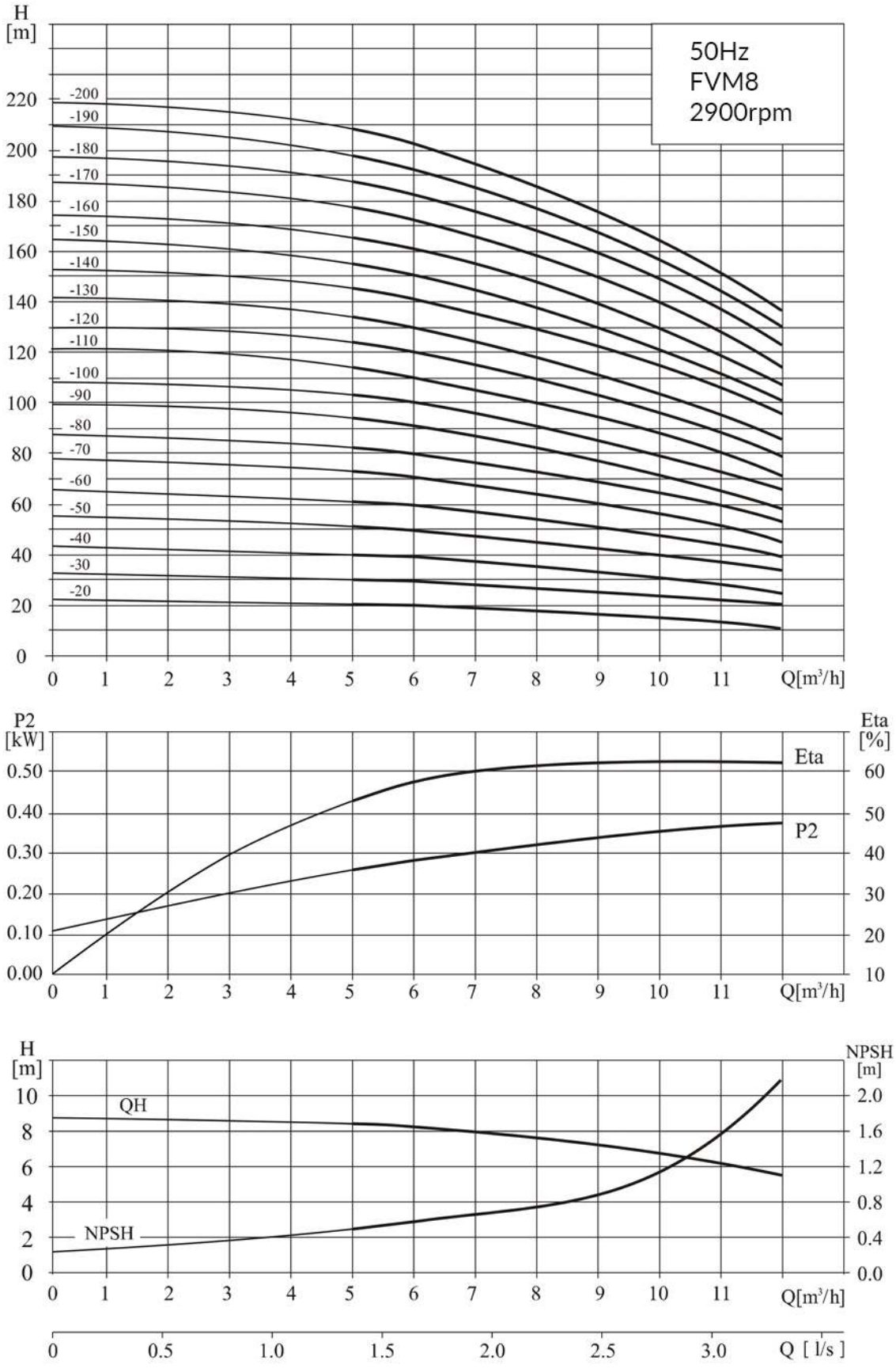
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	5	6	7	8	9	10	11	12
FVM8-20	0.75	H (m)	20	19.5	19	18	17	16	14	13
FVM8-30	1.1		30	29.5	28.5	27	25	24	21	19
FVM8-40	1.5		41	39.5	38	36	34	32	28	26
FVM8-50	2.2		52	50	48	45	42	40	36	32
FVM8-60	2.2		62	60	57	54	51	48	43	39
FVM8-80	3.0		83	80	77	73	69	65	58	52
FVM8-100	4.0		104	100	97	92	87	81	73	65
FVM8-120	4.0		124	120	116	111	104	92	87	78
FVM8-140	5.5		145	141	136	130	122	113	102	92
FVM8-160	5.5		166	161	156	148	139	130	118	106
FVM8-180	7.5		187	182	175	167	157	146	134	120
FVM8-200	7.5		208	202	195	186	175	163	150	135

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

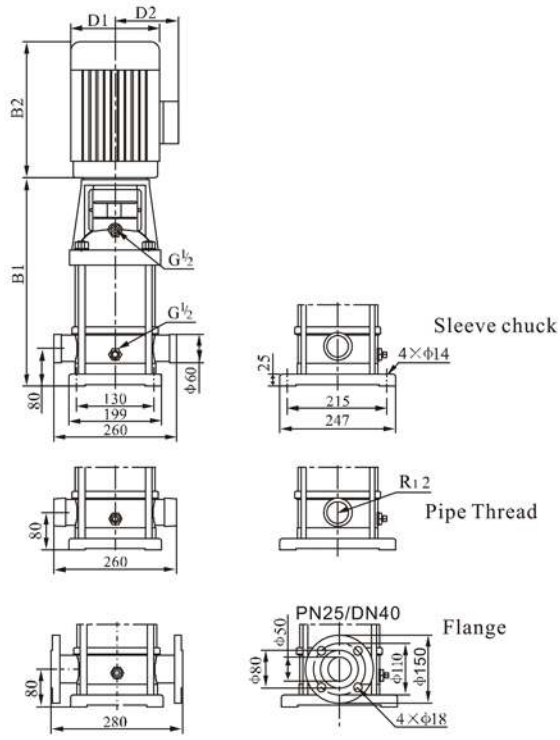
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM10-20	347	245	592	170	142	32
FVM10-30	377	245	722	170	142	34
FVM10-40	417	290	707	190	155	40
FVM10-50	447	290	737	190	155	44
FVM10-60	477	290	767	190	155	45
FVM10-70	517	345	862	197	165	52
FVM10-80	547	345	892	197	165	53
FVM10-90	577	345	922	197	165	54
FVM10-100	607	355	962	230	185	64
FVM10-120	667	355	1022	230	185	66
FVM10-140	747	390	1137	260	210	81
FVM10-160	807	390	1197	260	210	82
FVM10-180	867	390	1257	260	210	93
FVM10-200	927	390	1317	260	210	94
FVM10-220	987	390	1377	260	210	95

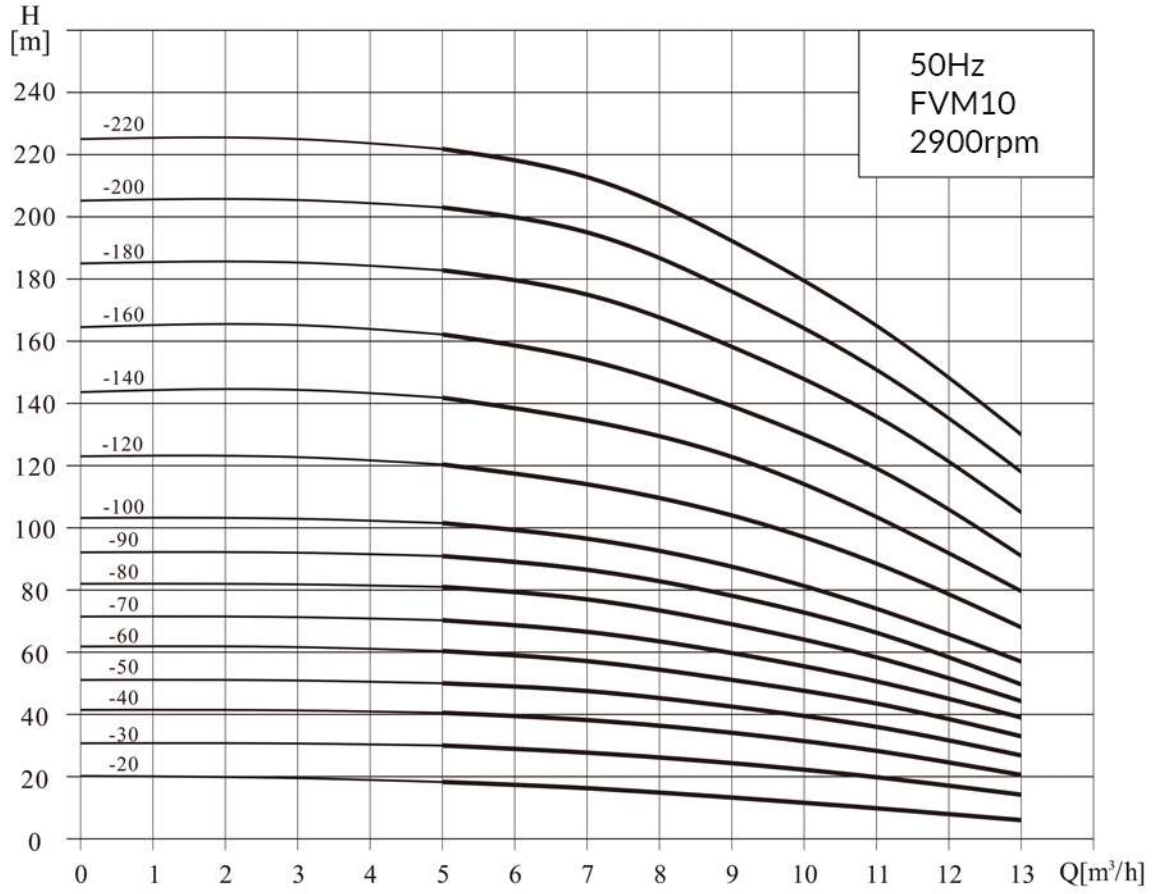
Performance Table

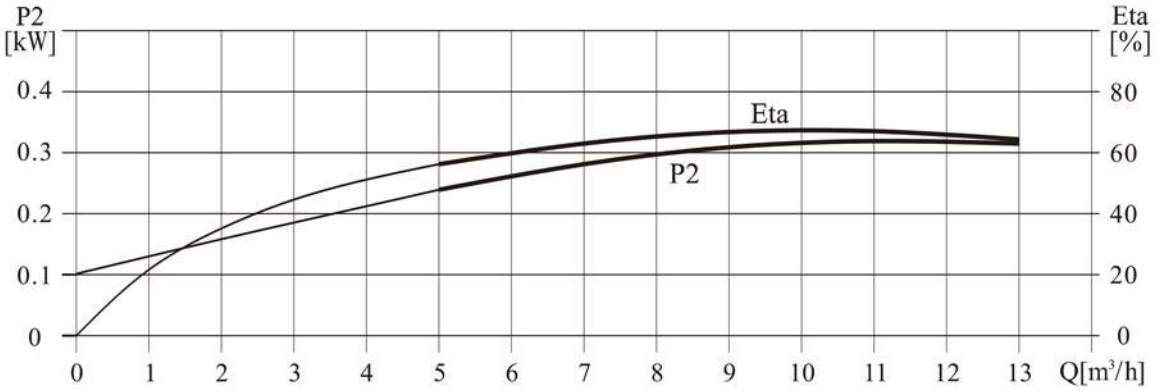
Model	Associated motor(kW)	Q (m^3/h)	5	6	7	8	9	10	11	12	13
FVM10-20	0.75		18.5	17	16	14	13	12	10	8.5	7
FVM10-30	1.1		30	28.5	27.5	25.5	24.5	22	20	18	14.5
FVM10-40	1.5		40.5	39.5	38.5	36.5	34	31.5	28.5	25.5	21
FVM10-50	2.2		50	49	47.5	45.5	42.5	39.5	36	32	27
FVM10-60	2.2		60	59	57	55	51	47.5	43.5	39	33.5
FVM10-70	3.0		70.5	69	66.5	64	59.5	55.5	50.5	45.5	39
FVM10-80	3.0		81	79	77	74.5	69	64	58.5	53	44.5
FVM10-90	3.0	H (m)	91	89	86.5	82.5	78	72	66.5	59.5	50
FVM10-100	4.0		101.5	99	96.5	92.5	87.5	81.5	74	67	57
FVM10-120	4.0		120.5	119	114	110	104	97	88.5	80	68
FVM10-140	5.5		142	139	134.5	131	123	114	103.5	93.5	80
FVM10-160	5.5		162	159	154	148.5	139	130	119	107	91
FVM10-180	7.5		183	180	175	167	158	148	136	121	105
FVM10-200	7.5		203	200	195	186	176	165	151	134	118
FVM10-220	7.5		222	219	213	203	192	179	165	149	130

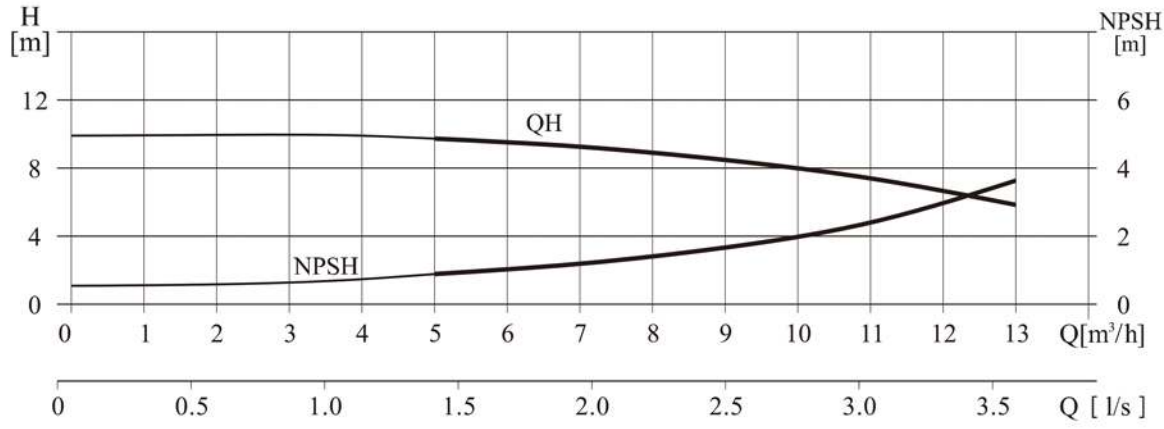
Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves

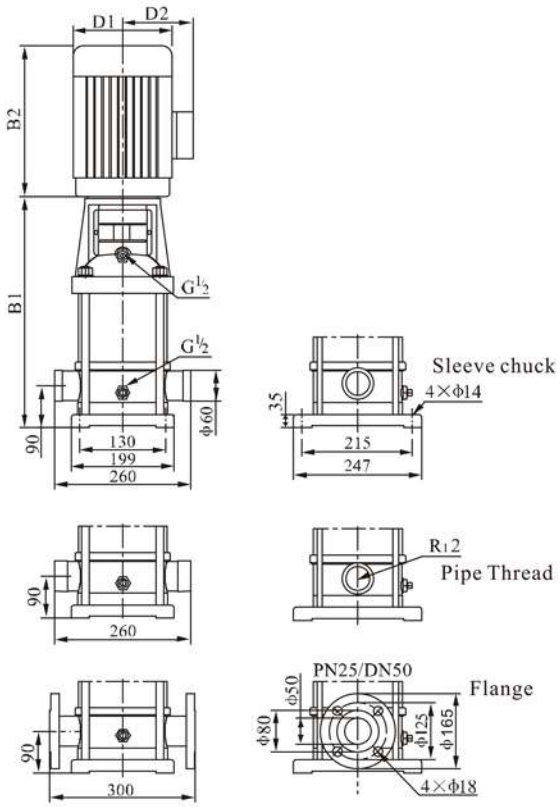






FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM12-20	367	290	657	190	155	39
FVM12-30	397	290	687	190	155	43
FVM12-40	437	345	782	197	165	51
FVM12-50	467	345	812	197	165	53
FVM12-60	497	355	852	230	188	61
FVM12-70	547	390	937	260	208	73
FVM12-80	577	390	967	260	208	74
FVM12-90	607	390	997	260	208	76
FVM12-100	637	390	1027	260	208	83
FVM12-120	697	390	1087	260	208	87
FVM12-140	757	390	1147	260	208	108
FVM12-160	905	500	1405	330	255	161
FVM12-180	965	500	1465	330	255	164

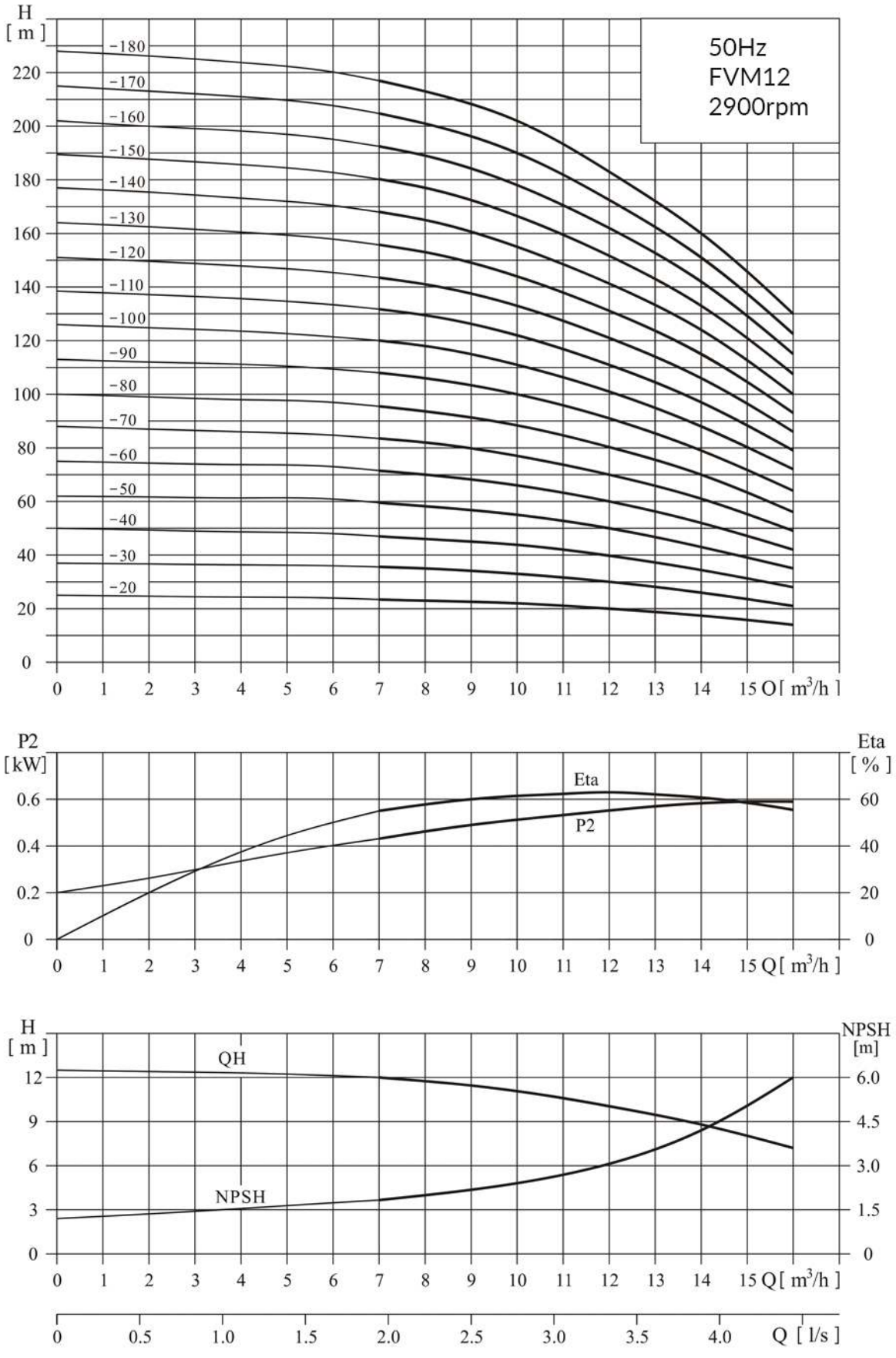
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	7	8	9	10	11	12	13	14	15	16
FVM12-20	1.5	H (m)	23.5	23	22.5	22	21	20	18.5	17	15.5	14
FVM12-30	2.2		35.5	35	34	33	31.5	30	28	26	23.5	21
FVM12-40	3		47	46	45	44	42	40	37	34	31	28
FVM12-50	3		59.5	58	56.5	55	52.5	50	46.5	43	39	35
FVM12-60	4		71.5	70	68	66	63	60	56	52	47	42
FVM12-70	5.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49
FVM12-80	5.5		95.5	94	91	88	84	80	75	70	63	56
FVM12-90	5.5		108	106	103	100	95.5	91	85	79	71.5	64
FVM12-100	7.5		120	118	114.5	111	106	101	94.5	88	80	72
FVM12-120	7.5		143.5	141	137	133	127	121	113.5	106	96	86
FVM12-140	11		168	165	160	155	148	141	132.5	124	112	100
FVM12-160	11		192.5	189	183.5	178	170	162	152	142	128.5	115
FVM12-180	11		217	213	207.5	202	192.5	183	171.5	160	145	130

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

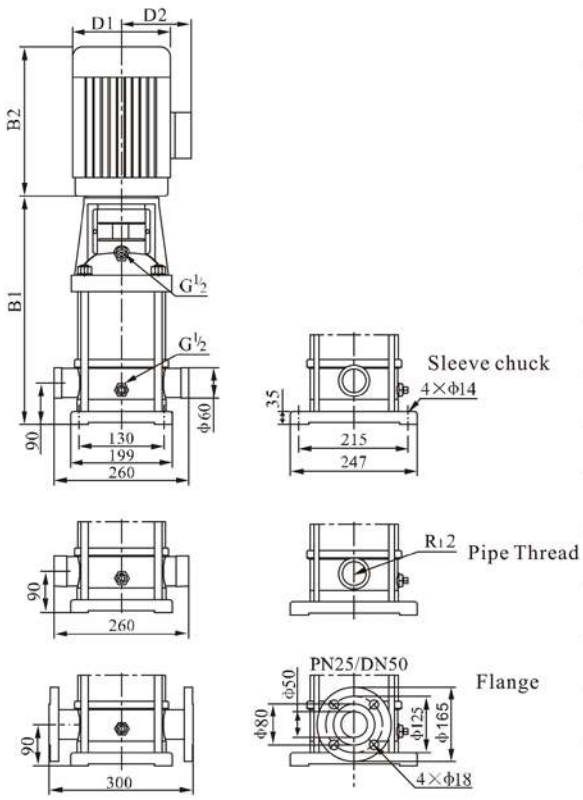
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM15-10	352	245	597	170	142	33
FVM15-20	397	290	687	190	155	42
FVM15-30	452	345	797	197	165	50
FVM15-40	497	355	852	230	185	59
FVM15-50	542	355	897	230	185	60
FVM15-60	607	390	997	260	210	77
FVM15-70	652	390	1042	260	210	78
FVM15-80	697	390	1087	260	210	86
FVM15-90	742	390	1132	260	210	87
FVM15-100	875	500	1375	330	255	160
FVM15-120	965	500	1465	330	255	161
FVM15-140	1055	500	1555	330	255	162
FVM15-170	1190	500	1690	330	255	179

Performance Table

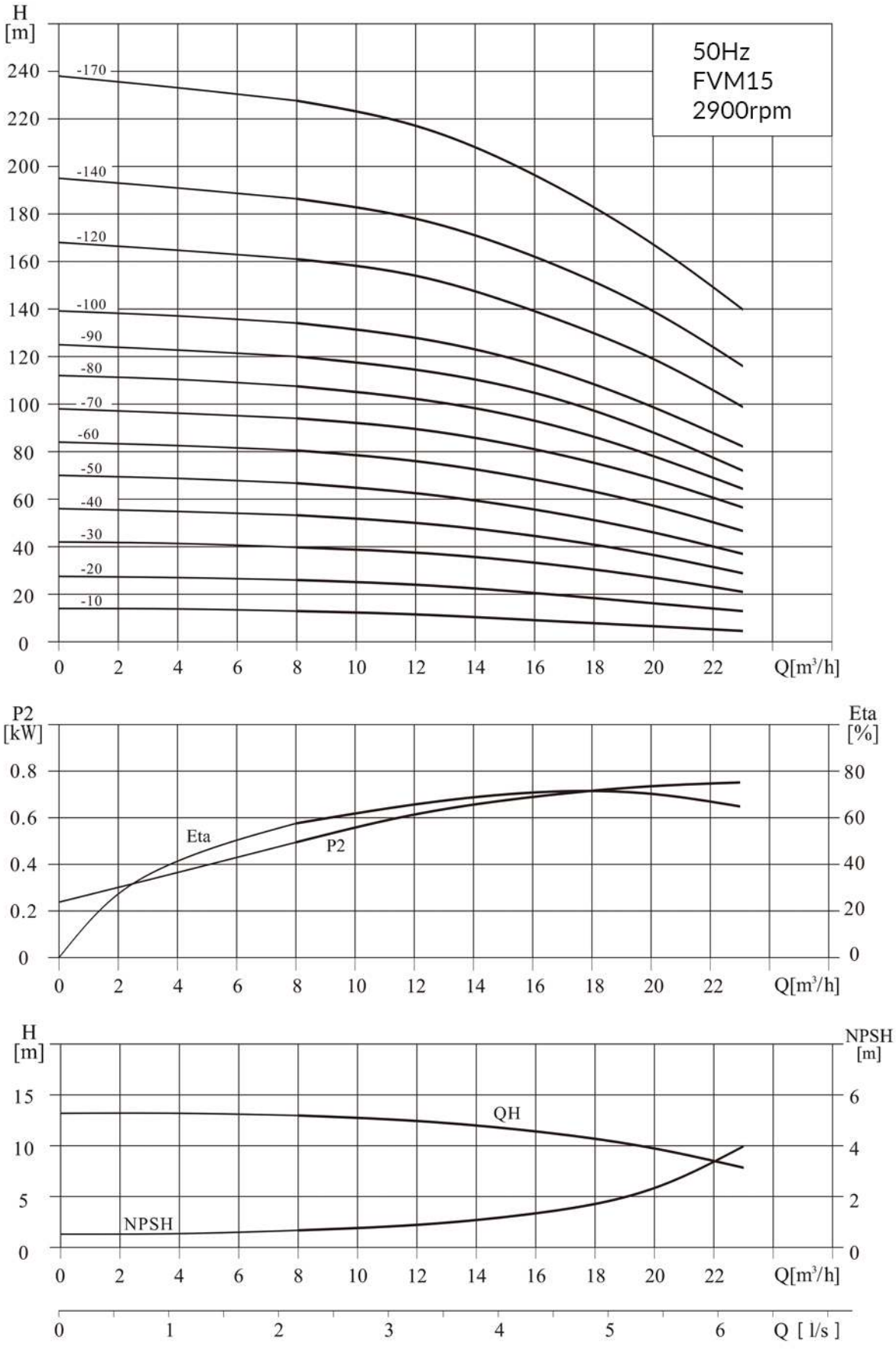
Model	Associated motor(kW)	Q (m^3/h)	8	10	12	14	15	16	18	20	23
FVM15-10	1.1	H (m)	13	12	11.5	10.5	10	9	7.5	6	4.5
FVM15-20	2.2		26	25	24	23	22	20.5	18	16	13
FVM15-30	3.0		39.5	38.5	37.5	35.5	34.5	33.5	30.5	27	21
FVM15-40	4.0		53	51.5	50	47.5	46	44.5	41	36.5	29
FVM15-50	4.0		67	64.5	62.5	60	58	55.5	52	46	37
FVM15-60	5.5		80.5	78	76	73	70.5	68	63.5	57	46.5
FVM15-70	5.5		94	92	89.5	86	83.5	81	75.5	68.5	56.5
FVM15-80	7.5		107.5	106	102.5	98.5	96	93	86.5	78	64.5
FVM15-90	7.5		120	118	114.5	110	107	105	97	88	72
FVM15-100	11		134	132	128	123	120	116.5	108.5	98.5	82.5
FVM15-120	11		161	158	154	148	144	139	130	119	99
FVM15-140	11		186	183	178	172	167	162	152	139	116
FVM15-170	15		227	224	217	210	203	196	185	167	140

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

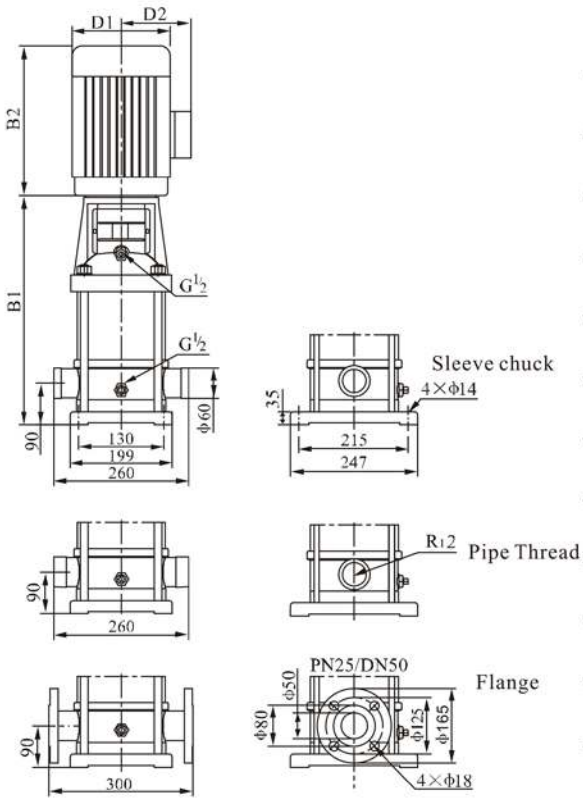
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM16-20	397	290	687	190	155	42
FVM16-30	452	345	797	197	165	50
FVM16-40	497	355	852	230	188	59
FVM16-50	562	390	952	260	208	76
FVM16-60	607	390	997	260	208	77
FVM16-70	652	390	1042	260	208	84
FVM16-80	697	390	1087	260	208	86
FVM16-100	787	390	1177	260	208	106
FVM16-120	965	500	1465	330	255	161
FVM16-140	1055	500	1555	330	255	174
FVM16-160	1145	500	1645	330	255	178

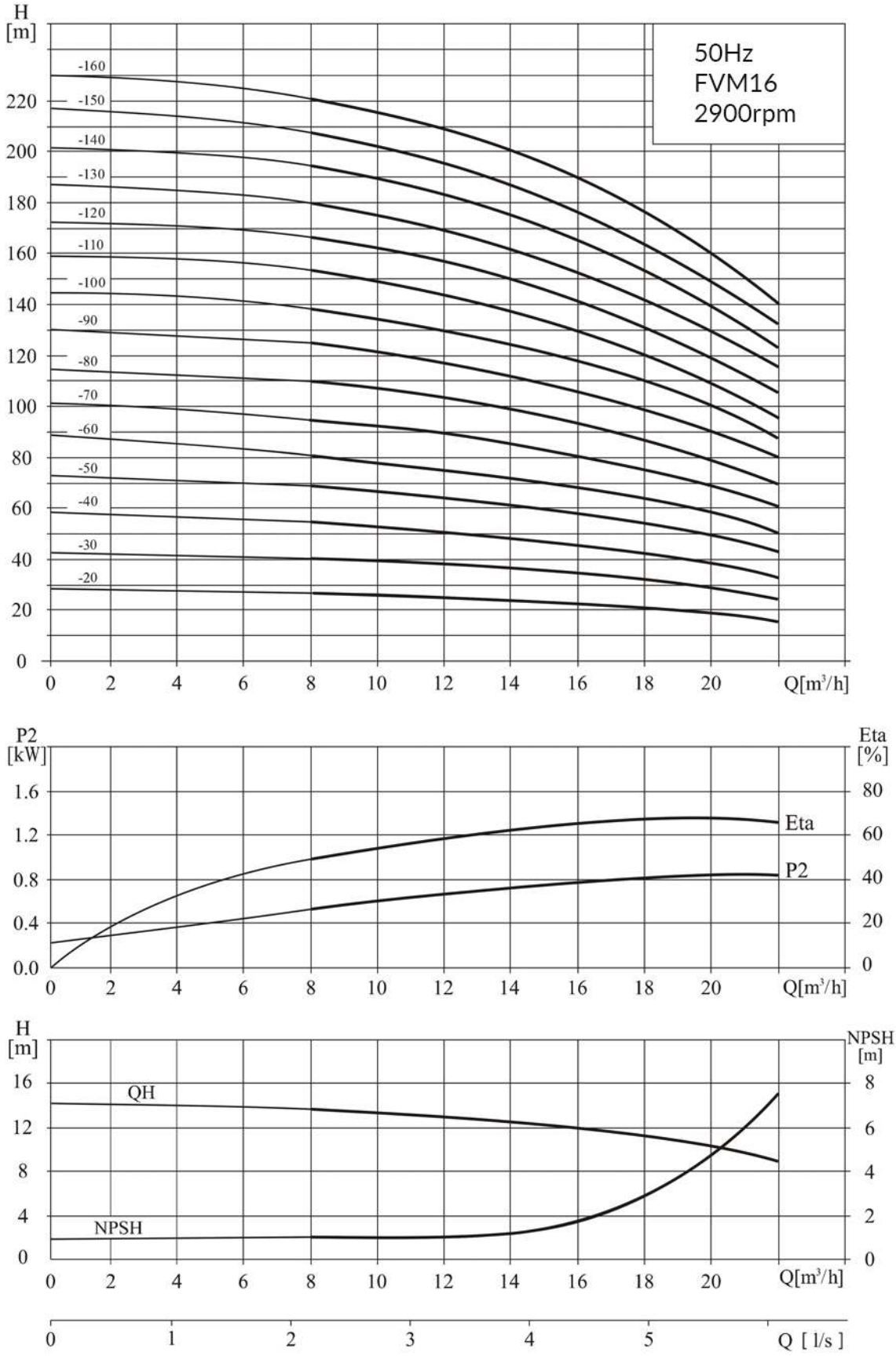
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	8	10	12	14	16	18	20	22
FVM16-20	2.2	H (m)	27	26	25	24	22	21	19	16
FVM16-30	3.0		41	40	38	37	34	32	29	25
FVM16-40	4.0		54	53	52	49	46	43	38	34
FVM16-50	5.5		68	67	65	62	58	54	48	43
FVM16-60	5.5		82	80	78	74	70	64	58	52
FVM16-70	7.5		96	95	91	87	82	76	68	61
FVM16-80	7.5		110	108	104	99	94	86	77	70
FVM16-100	11		138	136	131	125	118	109	97	87
FVM16-120	11		166	162	157	150	141	130	116	105
FVM16-140	15		194	190	184	175	166	152	136	122
FVM16-160	15		222	217	210	200	189	174	156	140

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

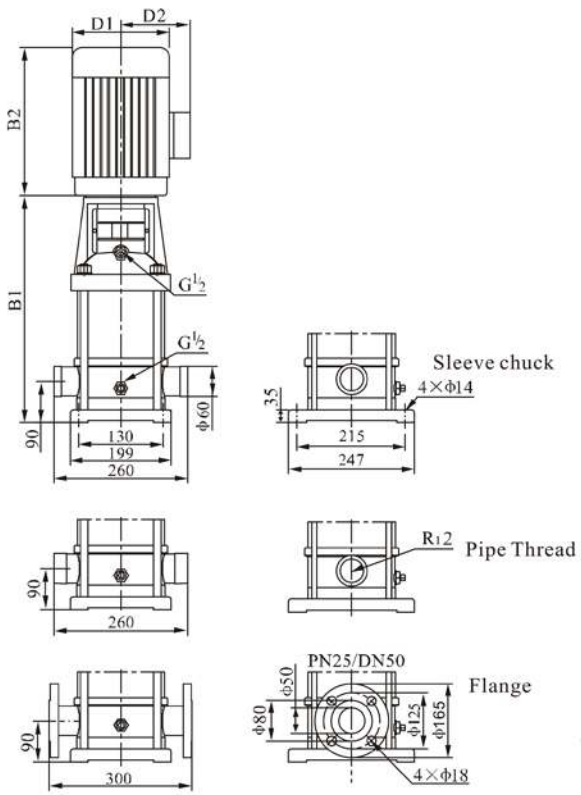
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM20-10	387	245	632	170	142	33
FVM20-20	397	290	687	190	155	42
FVM20-30	452	355	807	230	188	58
FVM20-40	517	390	907	260	208	74
FVM20-50	562	390	952	260	208	76
FVM20-60	607	390	997	260	208	82
FVM20-70	652	390	1042	260	208	84
FVM20-80	697	390	1087	260	208	101
FVM20-100	875	500	1375	330	255	157
FVM20-120	965	500	1465	330	255	170
FVM20-140	1055	500	1555	330	255	172
FVM20-170	1190	550	1740	330	255	195

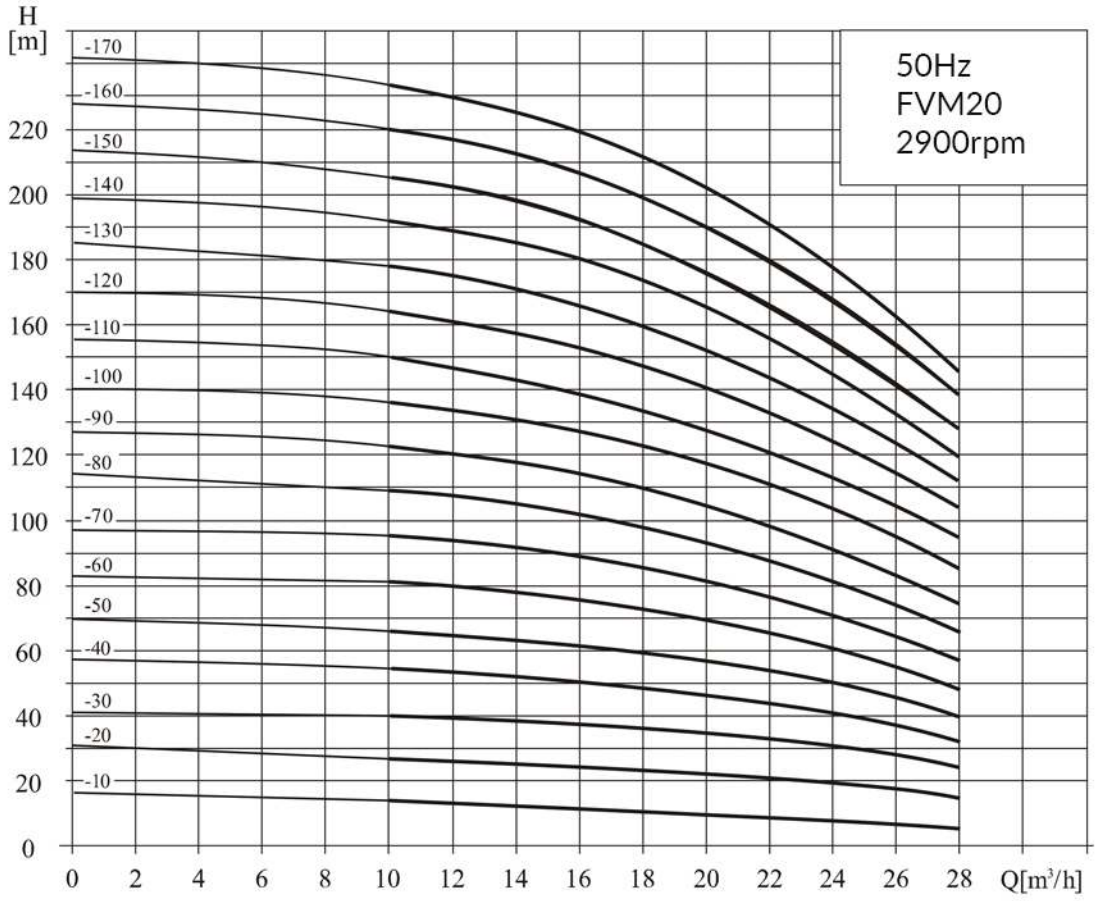
Performance Table

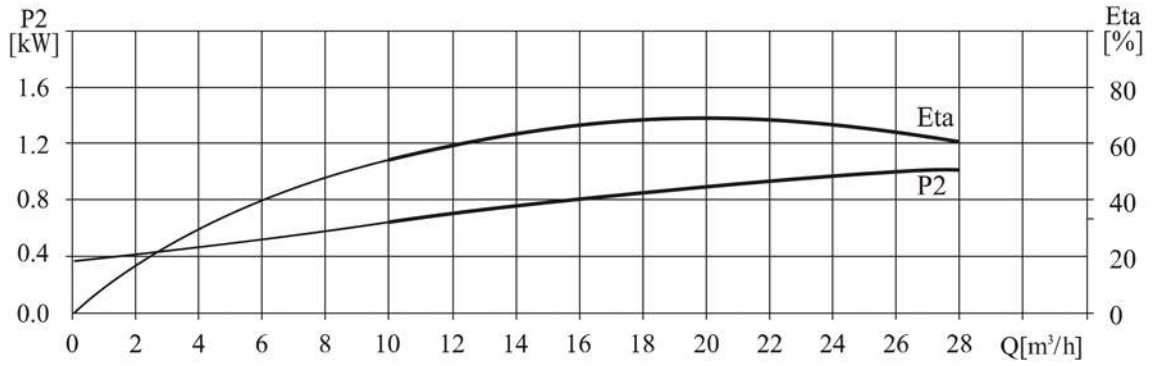
Model	Associated motor(kW)	Q (m^3/h)	10	12	14	16	18	20	22	24	26	28
FVM20-10	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
FVM20-20	2.2		27	26.5	26	25	24	23	22	20	18	15
FVM20-30	4.0		40	39.5	39	38	37	35	33	30	27	24
FVM20-40	5.5		54	53	52	51	49	47	44	41	37	33
FVM20-50	5.5		67	66	64	62	60	58	55	50	45	40
FVM20-60	7.5		81	79	77	75	73	70	66	61	55	49
FVM20-70	7.5		95	93	91	89	86	82	77	71	65	58
FVM20-80	11		109	107	105	102	99	94	89	82	75	67
FVM20-100	11		136	134	131	128	124	118	111	103	95	85
FVM20-120	15		164	162	158	154	149	142	133	124	114	102
FVM20-140	15		192	189	185	180	174	166	156	145	133	119
FVM20-170	18.5		234	230	225	219	212	202	190	177	162	145

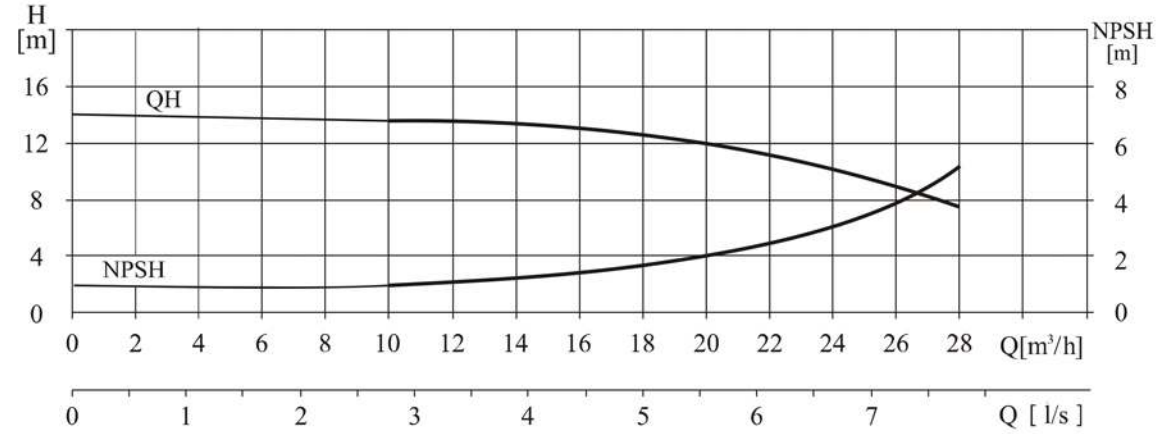
Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves

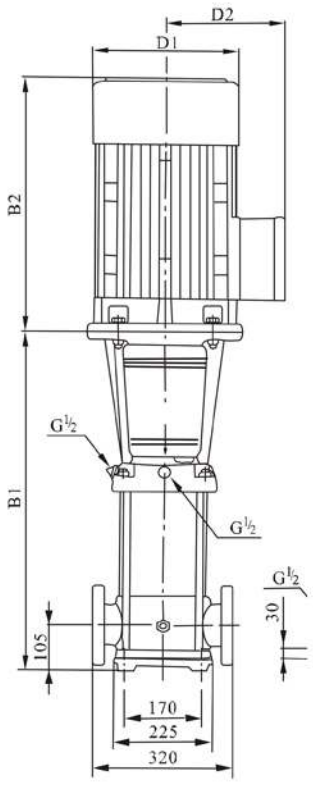






FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM32-10-1/FVM32-10	505	290	795	190	155	64/68
FVM32-20-2/FVM32-20	575	345/355	920/930	197/230	165/180	77/85
FVM32-30-2/FVM32-30	645	390	1035	260	208	100
FVM32-40-2/FVM32-40	715	390	1105	260	208	109
FVM32-50-2/FVM32-50	785	390	1175	260	208	125
FVM32-60-2/FVM32-60	960	500	1460	330	255	185
FVM32-70-2/FVM32-70	1030	500	1530	330	255	199
FVM32-80-2/FVM32-80	1100	500	1600	330	255	203
FVM32-90-2/FVM32-90	1170	550	1720	330	255	222
FVM32-100-2/FVM32-100	1240	550	1790	330	255	227
FVM32-110-2/FVM32-110	1310	575	1885	360	285	272
FVM32-120-2/FVM32-120	1380	575	1955	360	285	276
FVM32-130-2/FVM32-130	1450	575	2025	360	285	293
FVM32-140-2/FVM32-140	1520	575/650	2095/2170	360/400	285/310	298/341
FVM32-150-2/FVM32-150	1590	650	2240	400	310	345
FVM32-160-2/FVM32-160	1660	650	2310	400	310	350

Performance Table

Model	Associated motor(kW)	Q (m^3/h)	16	20	24	28	32	36	40
FVM32-10-1	1.5	H (m)	14	13	12	11	9	7	4
FVM32-10	2.2		18	17	15	14	13	11	8
FVM32-20-2	3.0		29	28	26	23	20	16	11
FVM32-20	4.0		36	34	32	29	27	23	18
FVM32-30-2	5.5		47	44	41	38	33	28	21
FVM32-30	5.5		54	51	48	44	40	35	27
FVM32-40-2	7.5		65	62	58	53	46	40	30
FVM32-40	7.5		72	69	65	59	53	47	37
FVM32-50-2	11		83	79	74	68	60	52	41
FVM32-50	11		90	86	81	74	67	59	47
FVM32-60-2	11		101	97	90	83	74	65	51
FVM32-60	11		108	104	97	90	81	72	57
FVM32-70-2	15		119	114	107	98	88	78	60
FVM32-70	15		126	121	113	105	95	85	67
FVM32-80-2	15		136	131	123	114	102	90	71
FVM32-80	15		144	138	130	120	109	97	77

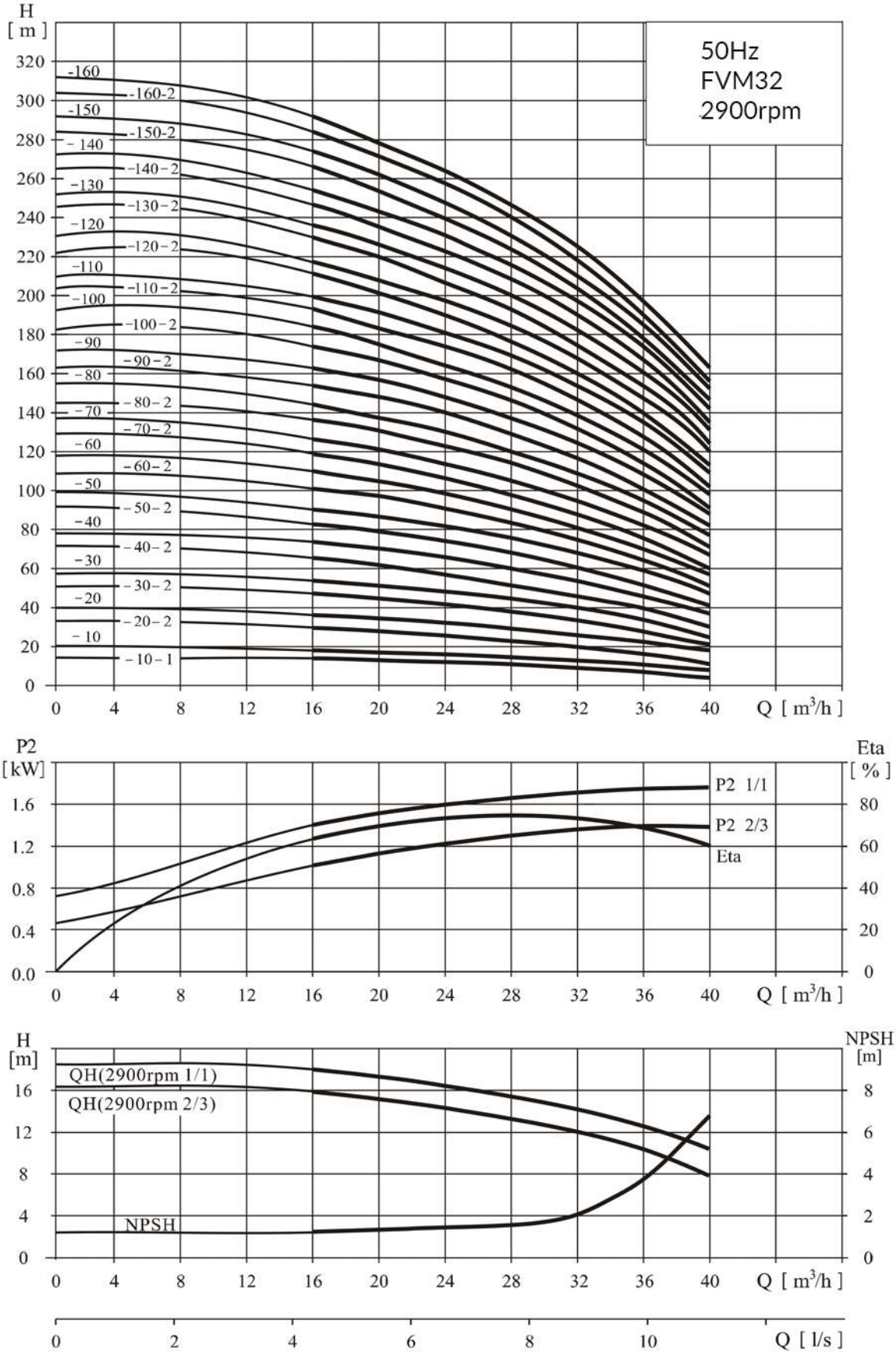
Model	Associated motor(kW)	Q (m^3/h)	16	20	24	28	32	36	40
FVM32-90-2	18.5	H (m)	154	148	140	129	117	102	82
FVM32-90	18.5		162	156	147	136	124	109	88
FVM32-100-2	18.5		175	166	157	146	131	115	91
FVM32-100	18.5		182	173	164	152	138	122	98
FVM32-110-2	22		193	184	173	164	146	128	102
FVM32-110	22		200	191	180	168	153	135	109
FVM32-120-2	22		211	201	189	178	160	140	113
FVM32-120	22		218	208	196	184	167	147	120
FVM32-130-2	30		230	218	206	193	174	153	124
FVM32-130	30		237	225	213	200	181	160	131
FVM32-140-2	30		247	235	222	210	189	165	135
FVM32-140	30		255	242	229	216	196	172	142
FVM32-150-2	30		266	253	239	224	203	178	145
FVM32-150	30		274	260	246	231	210	185	152
FVM32-160-2	30		284	270	255	240	218	190	156
FVM32-160	30		292	277	262	246	225	197	163

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

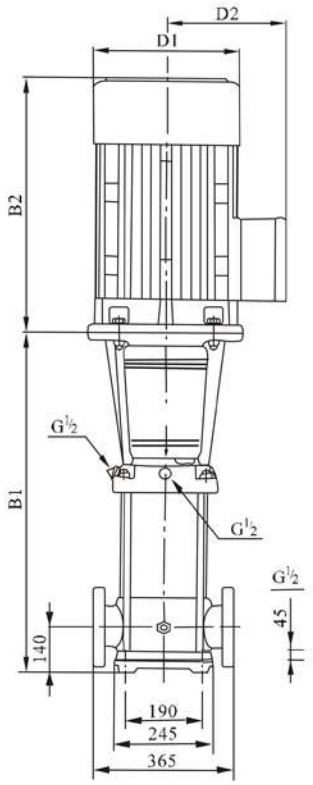
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM45-10-1	561	345/355	906/916	197/230	165/188	83/90
FVM45-10						
FVM45-20-2	641	390	1031	260	208	105/110
FVM45-20						
FVM45-30-2	721/826	390/500	1111/1326	260/330	208/255	127/183
FVM45-30						
FVM45-40-2	906	500	1406	330	255	197
FVM45-40						
FVM45-50-2	986	550	1536	330	255	221
FVM45-50						
FVM45-60-2	1066	575	1641	360	285	261
FVM45-60						
FVM45-70-2	1146	575	1721	360	285	288
FVM45-70						
FVM45-80-2	1226	650	1876	400	310	324
FVM45-80						
FVM45-90-2	1306	650	1956	400	310	328/352
FVM45-90						
FVM45-100-2	1386	650	2036	400	310	355
FVM45-100						
FVM45-110-2	1466	685	2151	450	345	426
FVM45-110						
FVM45-120-2	1546	685	2231	450	345	432
FVM45-120						
FVM45-130-2	1626	685	2311	450	345	438

Performance Table

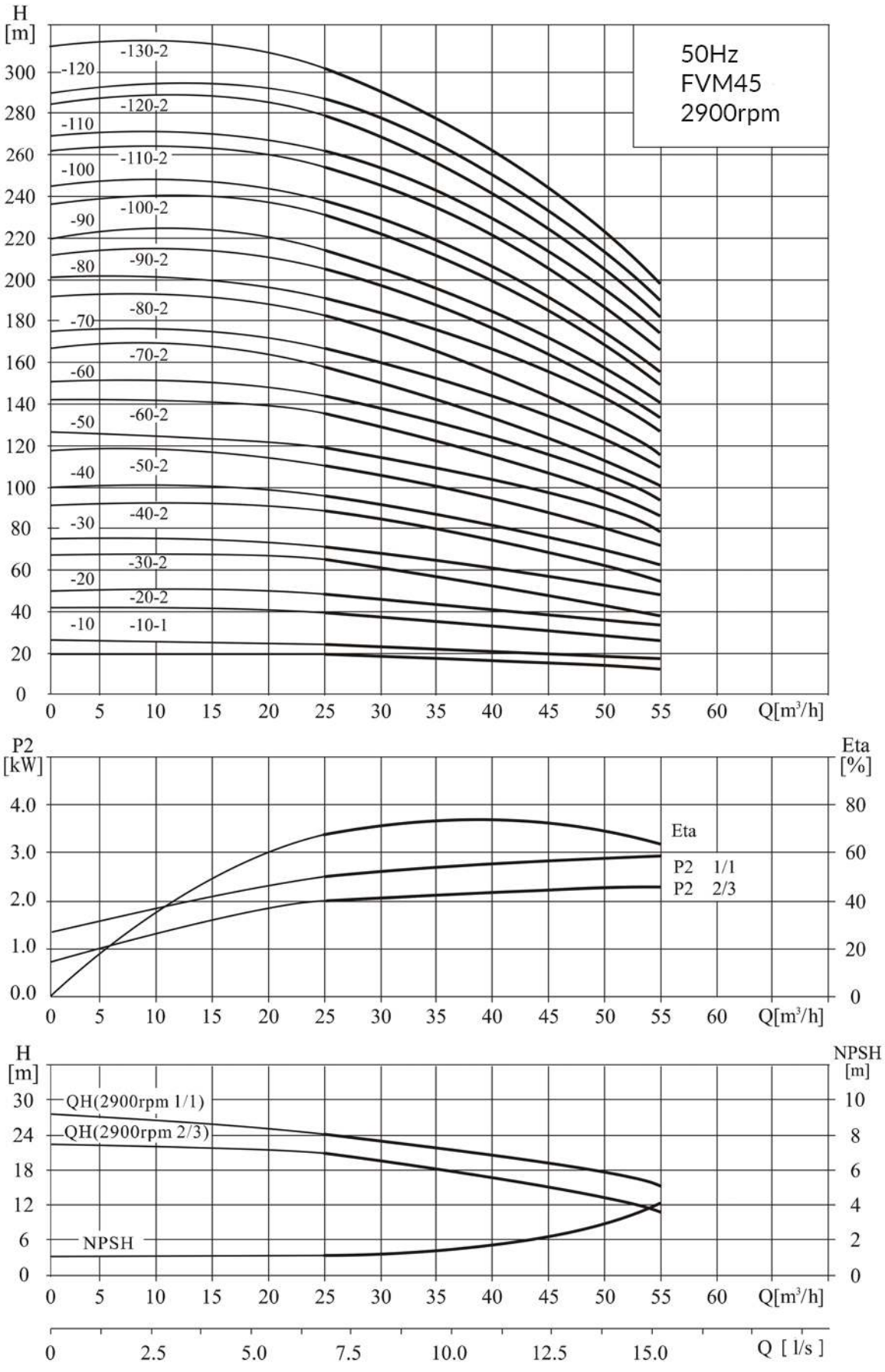
Model	Associated motor(kW)	Q (m^3/h)	25	30	35	40	45	50	55
FVM45-10-1	3.0		20	19	18	17	15	13	11
FVM45-10	4.0		24	23	22	21	19	18	16
FVM45-20-2	5.5		40	38	36	33	30	27	23
FVM45-20	7.5		48	46	44	42	39	35	31
FVM45-30-2	11		63	61	58	54	50	44	38
FVM45-30	11		71	69	66	63	58	53	47
FVM45-40-2	15		87	84	80	75	69	62	54
FVM45-40	15		95	92	88	84	78	71	62
FVM45-50-2	18.5		111	107	102	96	88	80	69
FVM45-50	18.5	H	119	115	110	105	97	88	78
FVM45-60-2	22	(m)	135	130	124	117	108	97	85
FVM45-60	22		143	138	132	125	116	106	93
FVM45-70-2	30		158	152	146	138	127	115	100
FVM45-70	30		166	161	154	146	135	124	109
FVM45-80-2	30		182	175	168	159	146	133	116
FVM45-80	30		190	184	176	167	154	141	124
FVM45-90-2	30		205	198	190	180	166	150	132
FVM45-90	37		214	207	198	188	174	159	140
FVM45-100-2	37		230	221	212	200	185	168	147
FVM45-100	37		238	230	220	209	193	177	155
FVM45-110-2	45		255	246	236	223	206	188	165
FVM45-110	45		263	255	244	232	214	196	173
FVM45-120-2	45		280	270	259	245	226	206	181
FVM45-120	45		289	280	268	255	236	216	190
FVM45-130-2	45		305	294	282	267	247	225	198

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

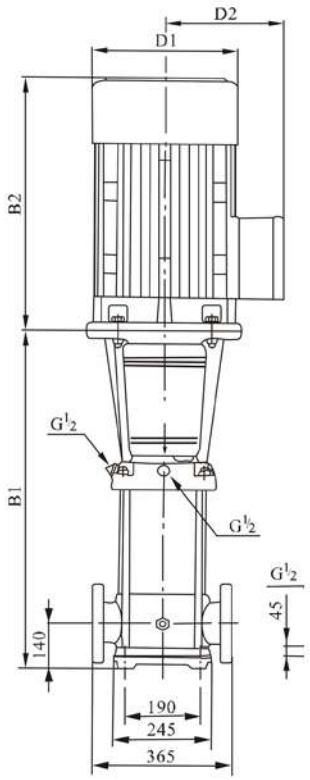
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM64-10-1	561	355	916	230	188	93
FVM64-10	561	390	951	260	208	105
FVM64-20-2	644	390	1034	260	208	110
FVM64-20-1	754	500	1254	330	255	182
FVM64-20	754	500	1254	330	255	182
FVM64-30-2	836	500	1336	330	255	196
FVM64-30-1	836	500	1336	330	255	197
FVM64-30	836	550	1386	330	255	221
FVM64-40-2	919	550	1469	330	255	225
FVM64-40-1	919	575	1494	360	285	258
FVM64-40	919	575	1494	360	285	258
FVM64-50-2	1001	575	1576	360	285	276
FVM64-50-1	1001	575	1576	360	285	276
FVM64-50	1001	650	1651	400	310	320
FVM64-60-2	1084	650	1734	400	310	325
FVM64-60-1	1084	650	1734	400	310	349
FVM64-60	1084	650	1734	400	310	349
FVM64-70-2	1166	650	1816	400	310	353
FVM64-70-1	1166	650	1816	400	310	353
FVM64-70	1166	685	1851	460	340	420
FVM64-80-2	1248	685	1933	460	340	424
FVM64-80-1	1248	685	1933	460	340	424

Performance Table

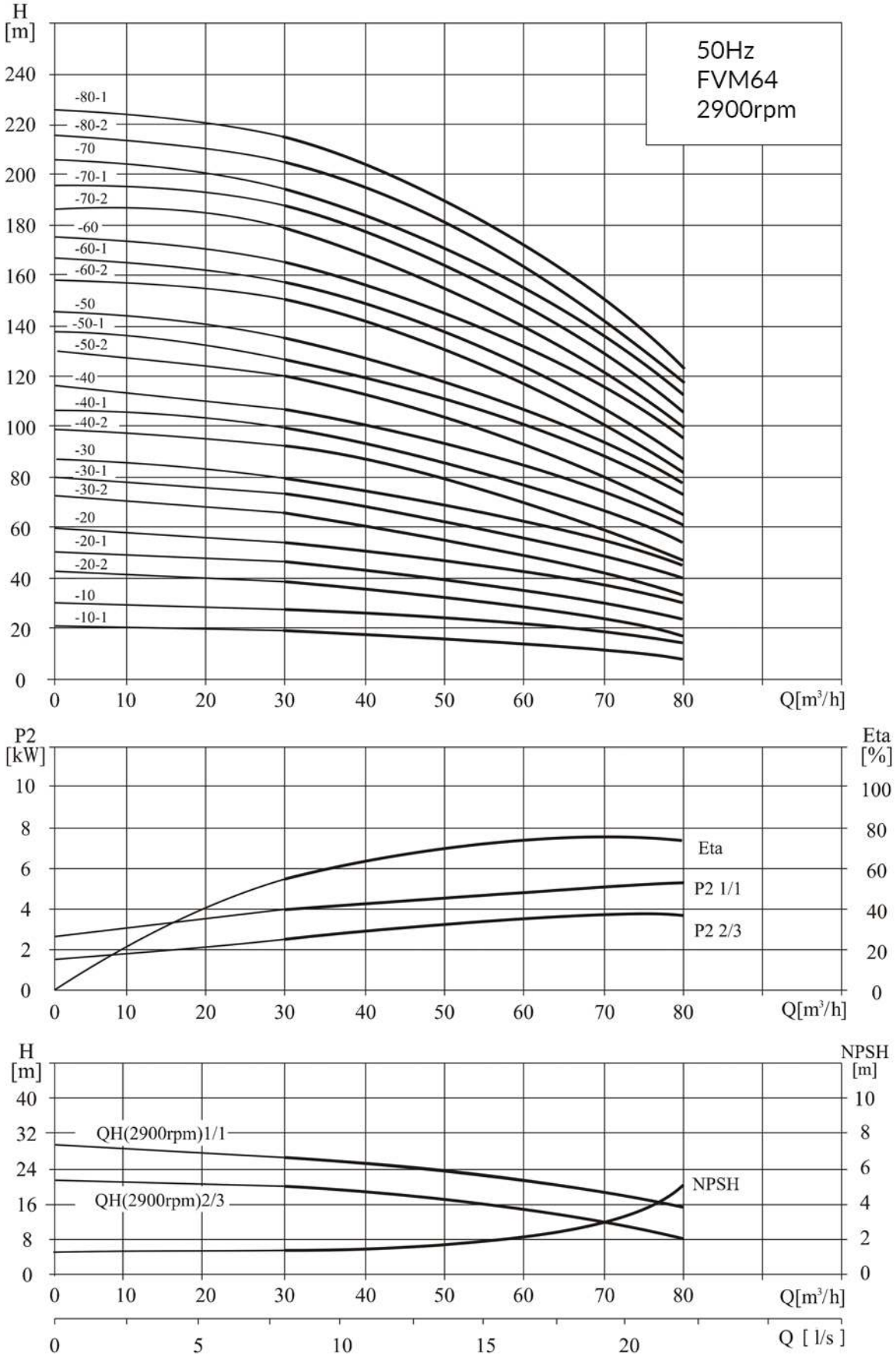
Model	Associated motor(kW)	Q (m^3/h)	30	40	50	60	64	70	80
FVM64-10-1	4.0	H (m)	19	18	16	14	13	11	8
FVM64-10	5.5		27	25	23	21	20	18	15
FVM64-20-2	7.5		39	36	33	29	27	23	17
FVM64-20-1	11		46	44	40	36	34	30	24
FVM64-20	11		53	51	47	43	41	37	30
FVM64-30-2	15		66	62	56	50	47	41	32
FVM64-30-1	15		73	69	63	57	54	48	39
FVM64-30	18.5		80	76	70	64	61	55	46
FVM64-40-2	18.5		92	87	80	71	67	60	47
FVM64-40-1	22		100	94	87	78	74	67	54
FVM64-40	22		107	101	94	85	81	74	61
FVM64-50-2	30		121	114	105	95	89	80	64
FVM64-50-1	30		128	121	112	102	96	87	71
FVM64-50	30		136	129	119	109	103	94	78
FVM64-60-2	30		150	142	131	118	111	101	81
FVM64-60-1	37		157	149	138	125	118	108	88
FVM64-60	37		164	156	145	132	125	115	95
FVM64-70-2	37		179	169	156	141	133	121	99
FVM64-70-1	37		186	176	163	148	141	128	106
FVM64-70	45		193	183	170	155	148	135	112
FVM64-80-2	45		207	196	182	164	156	142	116
FVM64-80-1	45		215	203	189	171	163	149	123

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

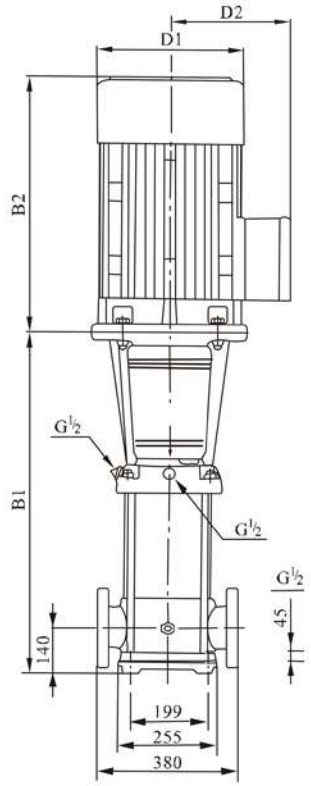
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM90-10-1	571	390	961	260	208	105
FVM90-10	571	390	961	260	208	110
FVM90-20-2	773	500	1273	330	255	181
FVM90-20	773	500	1273	330	255	192
FVM90-30-2	865	550	1415	330	255	215
FVM90-30	865	575	1440	360	285	252
FVM90-40-2	957	575	1532	360	285	271
FVM90-40	957	650	1607	400	310	312
FVM90-50-2	1049	650	1699	400	310	336
FVM90-50	1049	650	1699	400	310	336
FVM90-60-2	1141	685	1826	460	340	407
FVM90-60	1141	685	1826	460	340	407

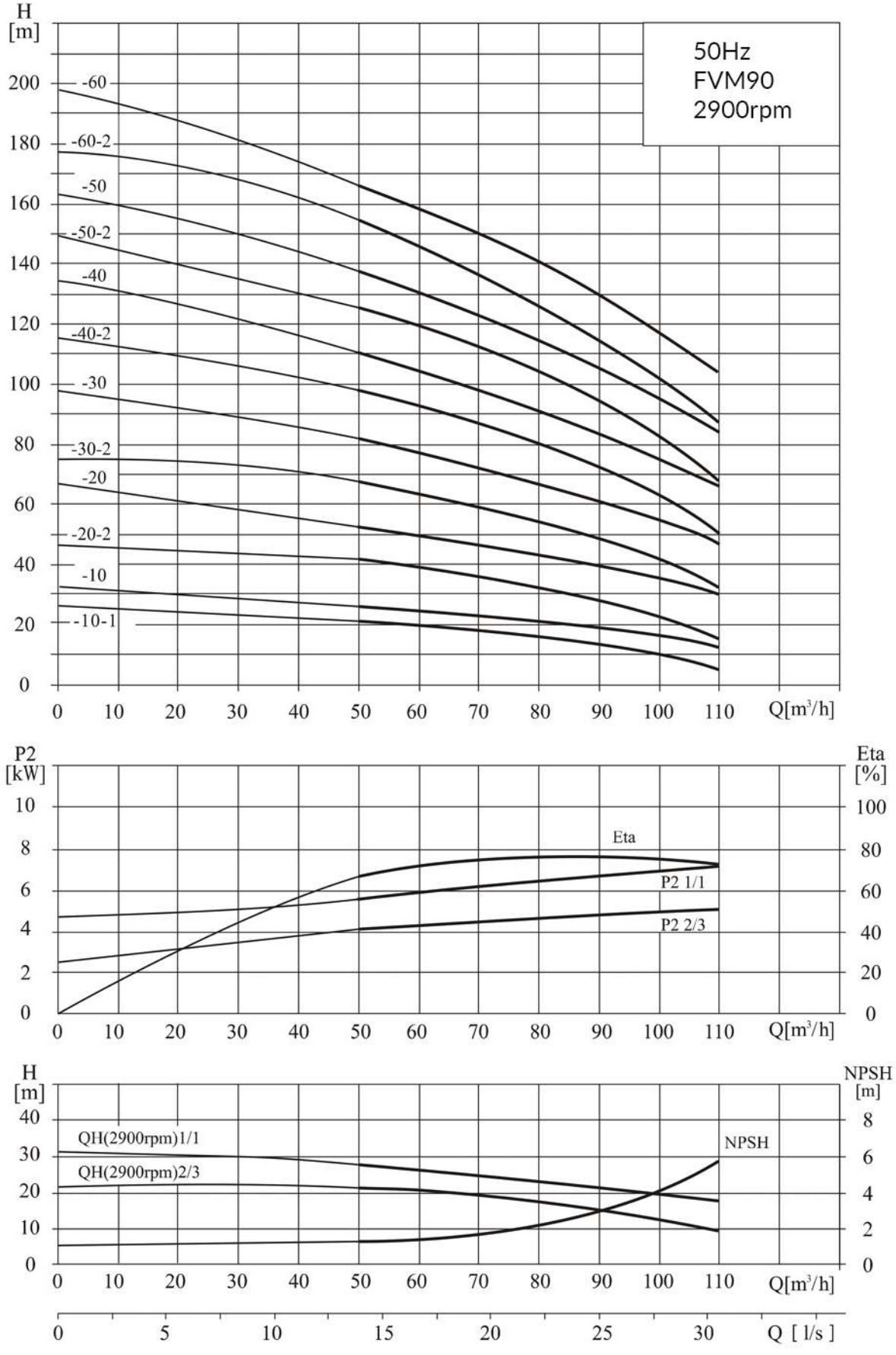
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	50	60	70	80	90	100	110
FVM90-10-1	5.5	H (m)	22	19	17	16	13	10	6
FVM90-10	7.5		25	24	22	21	19	16	12
FVM90-20-2	11		41	39	36	32	28	22	15
FVM90-20	15		53	50	47	44	40	36	30
FVM90-30-2	18.5		68	65	60	55	49	41	32
FVM90-30	22		81	77	72	67	62	55	48
FVM90-40-2	30		98	93	87	80	72	62	50
FVM90-40	30		110	105	100	92	84	76	66
FVM90-50-2	37		126	120	113	104	93	81	68
FVM90-50	37		139	131	124	115	106	94	83
FVM90-60-2	45		155	148	139	129	117	102	86
FVM90-60	45		168	160	150	141	130	117	103

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

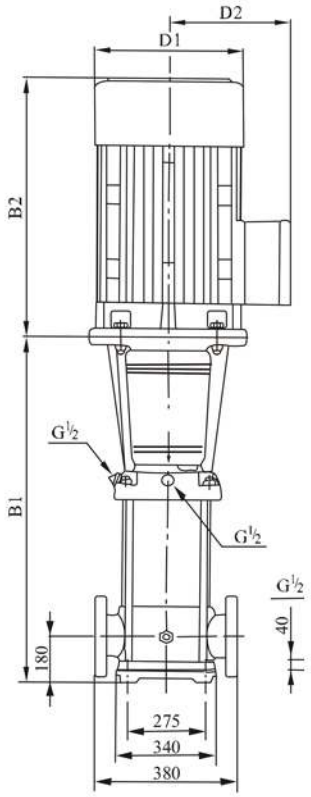
FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM120-10	840	500	1340	330	255	230
FVM120-20-2	1000	500	1500	330	255	245
FVM120-20-1	1000	550	1550	330	255	250
FVM120-20	1000	575	1575	360	285	285
FVM120-30-2	1160	575	1735	360	285	326
FVM120-30-1	1160	650	1810	400	310	360
FVM120-30	1160	650	1810	400	310	360
FVM120-40-2	1320	650	1970	400	310	400
FVM120-40-1	1320	650	1970	400	310	400
FVM120-40	1320	685	2005	460	340	460
FVM120-50-2	1480	685	2165	460	340	470
FVM120-50-1	1480	685	2165	460	340	470
FVM120-50	1510	760	2270	540	370	575
FVM120-60-2	1670	760	2430	540	370	585
FVM120-60-1	1670	760	2430	540	370	585
FVM120-60	1830	845	2515	580	410	705
FVM120-70-2	1830	845	2675	580	410	715
FVM120-70-1	1830	845	2675	580	410	715
FVM120-70	1830	845	2675	580	410	715

Performance Table

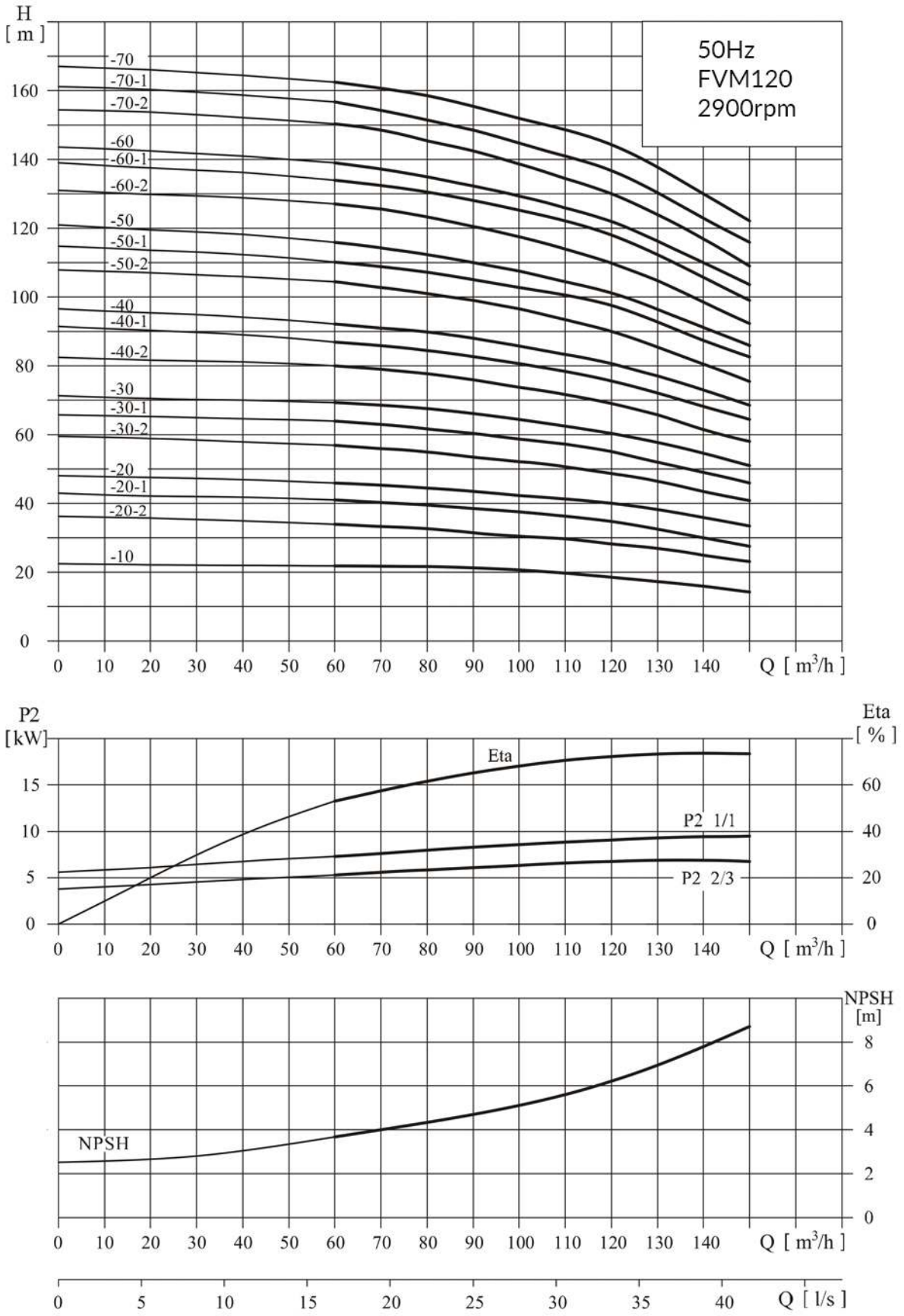
Model	Associated motor(kW)	Q (m^3/h)	60	70	80	90	100	110	120	130	140	150
FVM120-10	11	H (m)	22	21.8	21.6	21	20.5	19.5	18.5	17	16	15
FVM120-20-2	15		34	33.6	33	31	30.2	30	28.5	27	25	24
FVM120-20-1	18.5		41	40	39.5	38.5	37	36.5	34.5	32.5	30	27.5
FVM120-20	22		46	45	44.5	43.5	42.4	41	40	38	36	33.5
FVM120-30-2	30		57	56	55	53.5	52	51	49	46.5	43.5	41
FVM120-30-1	30		64	63	62	60	58.5	57.5	55.5	52	49	46
FVM120-30	30		69.5	68.5	67.5	66	64.4	62.5	61	57.5	54.5	51
FVM120-40-2	37		80.5	79	78	76	73.5	72	69	66	61.5	58
FVM120-40-1	37		87	86	84.5	82	80	78	76	72	68	64.5
FVM120-40	45		92.5	91	90	88	85.5	83	81	77	73	68.5
FVM120-50-2	45		104.5	103	101	99	96	93	90	85.5	80.5	75.5
FVM120-50-1	45		110.5	109	107.5	105	102	100	97	92	86.5	83
FVM120-50	55		115.5	114	113	110	107.5	104.5	101.5	96	91	86
FVM120-60-2	55		128	125.5	123	121	117.3	113.5	110	104.5	98.5	92.5
FVM120-60-1	55		134	132	130.5	127	124	121	118	111	105	100
FVM120-60	75		139	137	135	132	128.8	126	123	116	110	104
FVM120-70-2	75		151	148	145.5	143	138.6	134	130	123.5	116.5	109
FVM120-70-1	75		156.5	154	152	148.5	144.5	141	137.5	130	123	116.5
FVM120-70	75		162.5	160.5	158.5	155	151	148	145	137	129	123

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

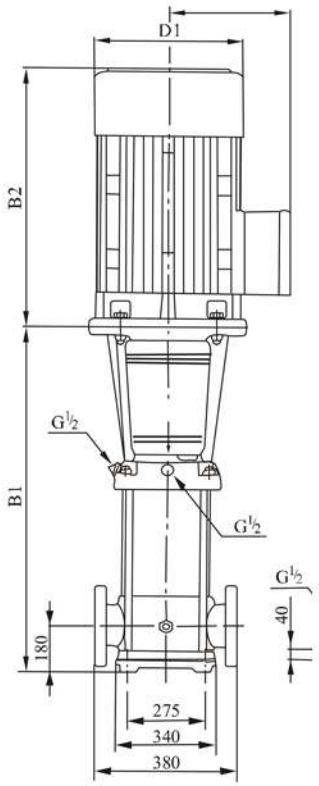
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM150-10-1	840	500	1340	330	255	230
FVM150-10	840	500	1340	330	255	235
FVM150-20-2	1000	550	1550	330	255	250
FVM150-20-1	1000	575	1575	360	285	295
FVM150-20	1000	575	1575	360	285	317
FVM150-30-2	1160	650	1810	400	310	360
FVM150-30-1	1160	650	1810	400	310	360
FVM150-30	1160	650	1810	400	310	385
FVM150-40-2	1320	685	2005	460	340	460
FVM150-40-1	1320	685	2005	460	340	460
FVM150-40	1350	760	2110	540	370	560
FVM150-50-2	1510	760	2270	540	370	570
FVM150-50-1	1510	845	2355	580	410	690
FVM150-50	1510	845	2355	580	410	690
FVM150-60-2	1670	845	2515	580	410	700
FVM150-60-1	1670	845	2515	580	410	700
FVM150-60	1670	845	2515	580	410	700

Performance Table

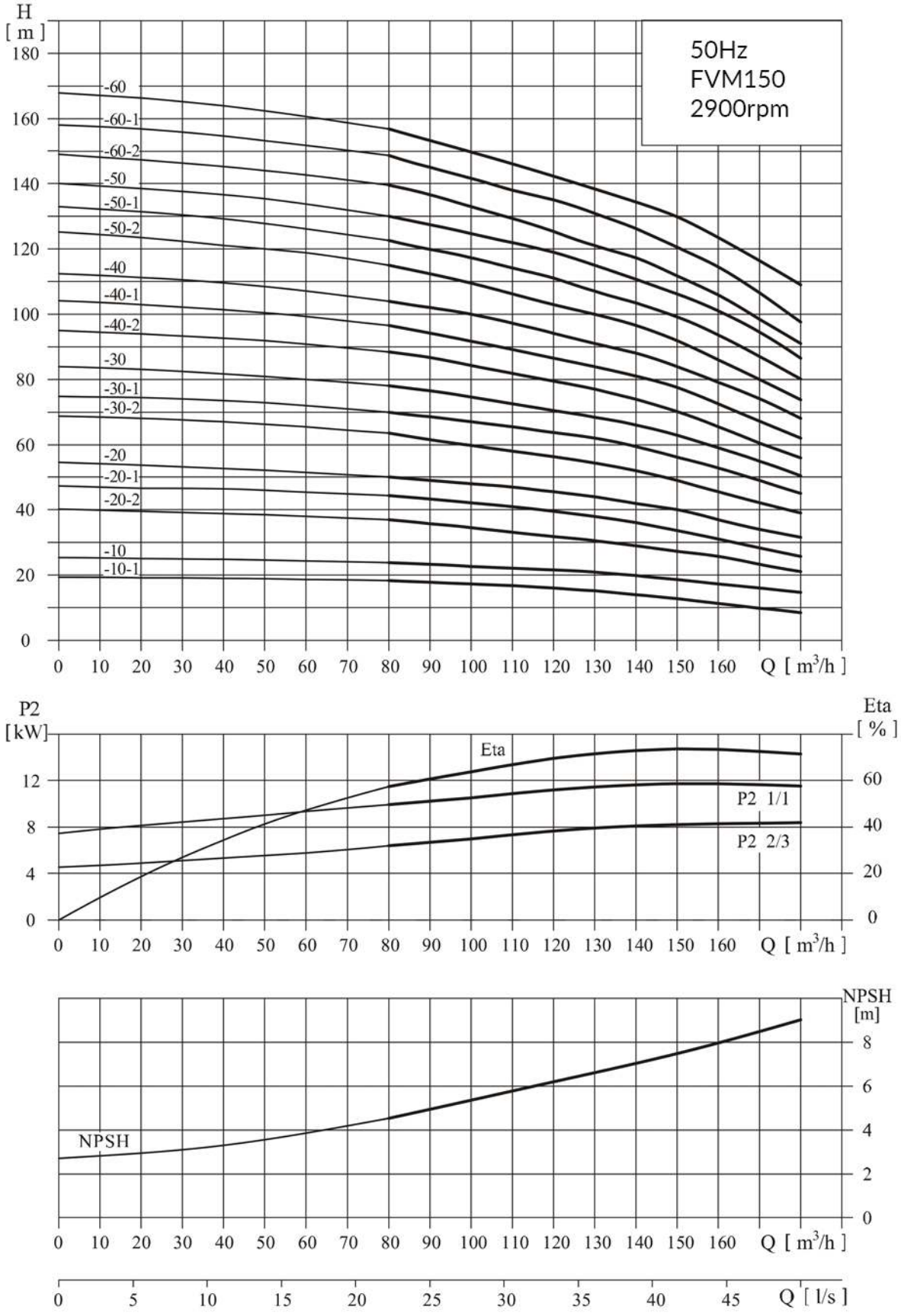
Model	Associated motor(kW)	Q (m^3/h)	80	90	100	110	120	130	140	150	160	170	180
FVM150-10-1	11	H (m)	18.3	17.8	17.3	17	16	15	14	12.5	11	10	8.5
FVM150-10	15		24	23	22.5	22	21.5	20.5	20	18.5	17	16	15
FVM150-20-2	18.5		37	35.5	34	33	32	31	29	27.5	26	23	21
FVM150-20-1	22		44.3	43	42	40	39	38.5	37.5	35	33	30	27
FVM150-20	30		50	49	48	47	45.5	44	42	40	37	34	32
FVM150-30-2	30		63.5	61	59	57.5	56	54.5	53	49	45.5	42	39
FVM150-30-1	37		70	68	67	65	63	62	60	56	53	49	45
FVM150-30	37		78	76.5	75	73	70.5	68	66	63	59	55	50.5
FVM150-40-2	45		89	87	84	81.5	79	77	74.5	70.5	65.5	60	56
FVM150-40-1	45		96.5	94	91.5	89	86.5	84	81.5	77	72.5	67	62
FVM150-40	55		104	102	100	97	95	91	88	84	79.5	74	68
FVM150-50-2	55		115.5	112	109	106	102.5	100	97	92	86	79	73.5
FVM150-50-1	75		122.5	119.5	117	113.5	111.5	107.5	104.5	99	93.5	87	80
FVM150-50	75		130	127.5	125	121	119	115	111.5	106.5	101	94.5	86.5
FVM150-60-2	75		140	137	133	130	126	121	118	112	106	98	91
FVM150-60-1	75		148.5	145	141.7	137.5	135	131	127	120.5	114.5	106.5	97.5
FVM150-60	75		157	153	149	145	142	139.5	137	130	123.5	116	109

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

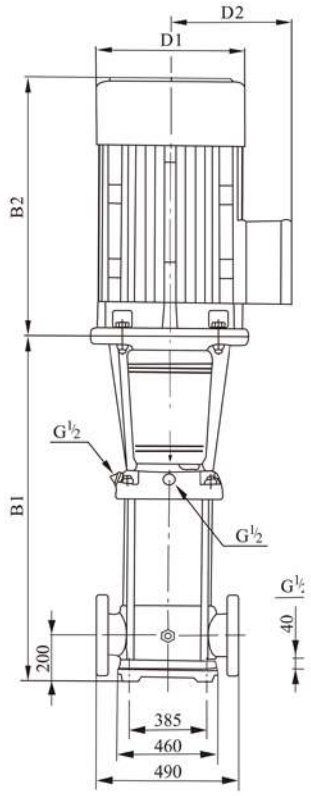
FLUGO

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Installation Drawing



Size & Weight

Model	Size(mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
FVM200-10-B	907	550	1457	330	255	311
FVM200-10-A	907	575	1482	360	285	347
FVM200-10	907	650	1557	400	310	403
FVM200-20-2B	1101	650	1751	400	310	447
FVM200-20-2A	1101	685	1786	460	340	504
FVM200-20-A	1131	760	1891	540	370	595
FVM200-20	1131	760	1891	540	370	595
FVM200-30-2B	1325	845	2170	580	410	748
FVM200-30-A-B	1325	845	2170	580	410	748
FVM200-30-2A	1325	845	2170	580	410	748
FVM200-30-B	1325	845	2170	580	410	748
FVM200-30-A	1325	845	2170	580	410	748
FVM200-30	1325	895	2220	580	410	817
FVM200-40-2B	1519	895	2414	580	410	830
FVM200-40-2A	1519	1140	2659	645	550	1180
FVM200-40-A	1519	1140	2659	645	550	1180
FVM200-40	1519	1140	2659	645	550	1180

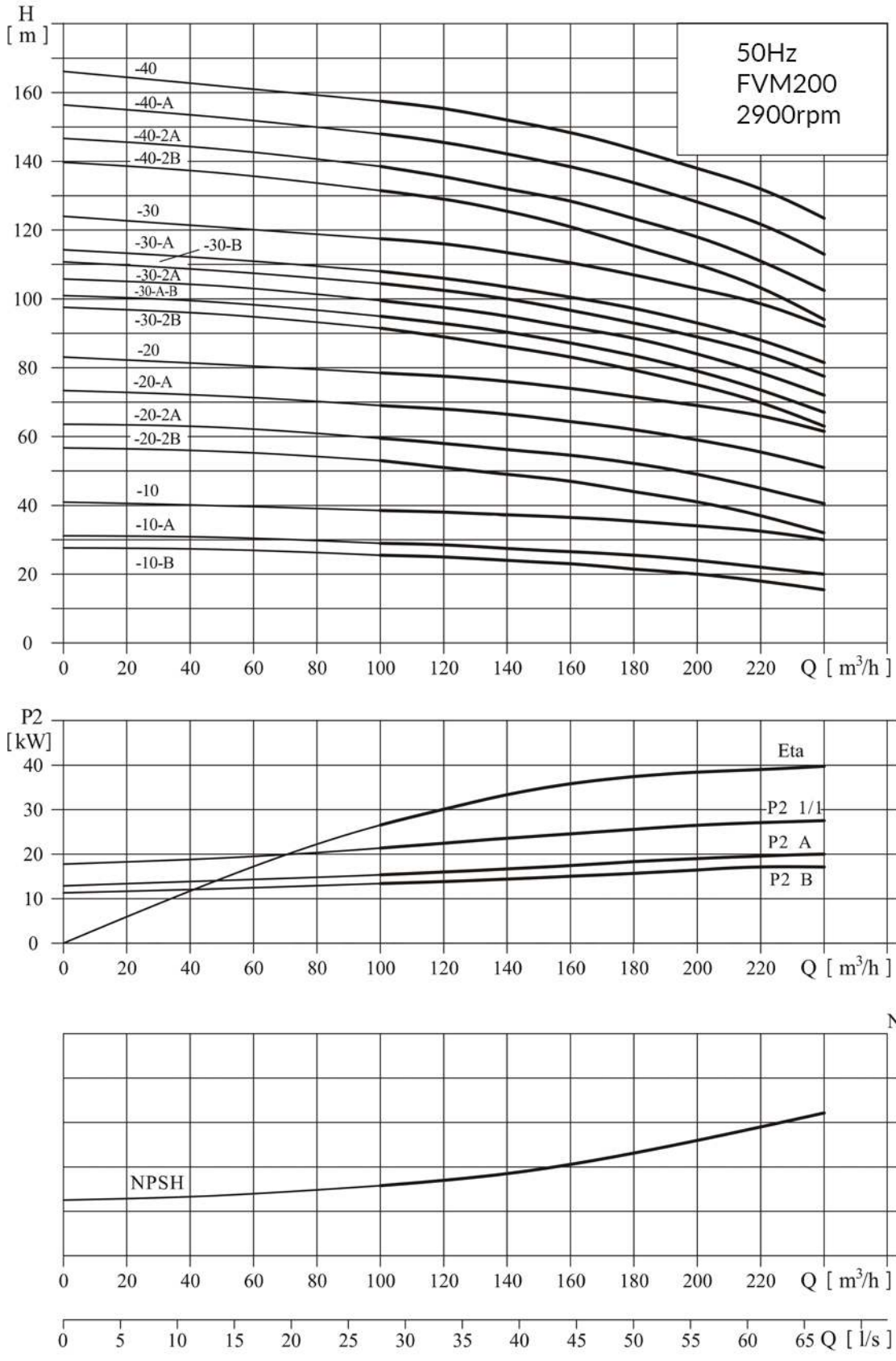
Performance Table

Model	Associated motor(kW)	Q (m^3/h)	100	120	140	160	180	200	220	240
FVM200-10-B	18.5	H (m)	25.5	25	24	23	21.5	20	18	15.5
FVM200-10-A	22		29	28.5	27.5	26.5	25.5	24	22	20
FVM200-10	30		38.5	38	37.5	36.5	35	34	32.5	30
FVM200-20-2B	37		53	51	49	47	44	41	37	32
FVM200-20-2A	45		59.5	58	56	54	52.5	49	44.5	40.5
FVM200-20-A	55		69	68	66	64	62	59	55.5	51
FVM200-20	55		78.5	77.5	76	74	71.5	69	66	61.5
FVM200-30-2B	75		91.5	89	86.5	83.5	79	75	70	63
FVM200-30-A-B	75		95	93	90	87	83.5	79	73.5	67
FVM200-30-2A	75		99.5	97.5	94.5	91.5	89	84	78.5	72
FVM200-30-B	75		104.5	102.5	100	97	93	89	84.5	77.5
FVM200-30-A	75		108	106	103.5	100.5	97.5	93	88	81.5
FVM200-30	90		117.5	116	113.5	110.5	107	103	99	92
FVM200-40-2B	90		131.5	129	125.5	121	115.5	110	103.5	94
FVM200-40-2A	110		138.5	136	132	128	124	118	111	102.5
FVM200-40-A	110		148	145.5	142.5	138	134	128	122	113
FVM200-40	110		157.5	155.5	152.5	148	143.5	138	132.5	123.5

Size and appearance of Single phase motors, explosion-proof motor are different, please contact our company.

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

Performance Curves



FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.

FLUGO

MODEL FVM

Installation and Operation Instruction

Authorized Distributor:

FLUGO reserves the right to change the technical data and dimensions in order to update or improve its product, withour prior notice.