



Vertical multistage
centrifugal in-line
pump catalog



VPS



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Features

VPS pumps are non-self priming, vertical, multistage, in-line pumps with flanges.

Impellers, chambers, and pressure casings are stainless steel.
Pump stub and motor shaft are close coupled.

All pumps are equipped with a cartridge-type mechanical seal for easy maintenance.

VPS series have different pump sizes and several numbers of stages in order to provide the flow and the pressure required.

Applications

Water Supply and Pressure Boosting

- Pressure boosting in buildings, hotels, and residential applications
- Pressure booster stations, supply of water networks
- Pressure boosting for industrial water supply

Light industry

- Washing and cleaning systems
- Car washing facilities
- Fire fighting systems
- Process water systems
- Machine tools (cooling lubricants)

Heating, Ventilation and Air-Conditioning

- Boilers
- Induction heating
- Heat exchangers
- Refrigerators
- Cooling towers and systems
- Temperature control systems

Irrigation and Agriculture

- Greenhouses
- Sprinkler irrigation

Water Treatment

- Water softeners and de-mineralization
- Reverse osmosis systems
- Distillation systems
- Filtration
- Ultra-filtration systems



Motors



Motor IEC Frame

Squirrel cage in short circuit, aluminum casing up to 30 hp, totally enclosed, fan-cooled, 2-pole standard PEARL motor.

ELECTRICAL DATA:

- Enclosure class: IP55 P2: 0.37-1.1 kW 3 x 220-440 V
- Insulation class: F P2: 1.5-7.5 kW 3 x 220-480 V
- Standard voltages: P2: From 11 kW 3 x 220-440 V

The motors have efficiency values that fall within the range normally referred to as high efficiency.

Ambient temperature: Max. +120° F



Motor Nema ODP

Squirrel cage in short circuit, aluminum casing up to 30 hp, totally enclosed, fan-cooled, 2-pole standard PEARL motor.

ELECTRICAL DATA:

- Enclosure class: IP55 P2: 0.37-1.1 kW 3 x 220-440 V
- Insulation class: F P2: 1.5-7.5 kW 3 x 220-480 V
- Standard voltages: P2: From 11 kW 3 x 220-440 V

The motors have efficiency values that fall within the range normally referred to as high efficiency.

Ambient temperature: Max. +120° F



Motor Nema TEFC

Squirrel cage in short circuit, aluminum casing up to 30 hp, totally enclosed, fan-cooled, 2-pole standard PEARL motor.

ELECTRICAL DATA:

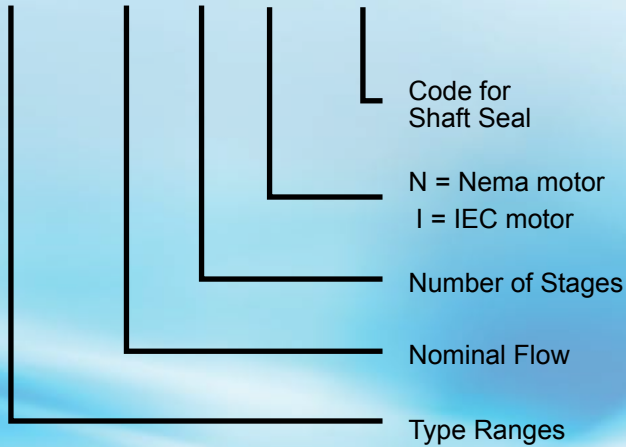
- Enclosure class: IP55 P2: 0.37-1.1 kW 3 x 220-440 V
- Insulation class: F P2: 1.5-7.5 kW 3 x 220-480 V
- Standard voltages: P2: From 11 kW 3 x 220-440 V

The motors have efficiency values that fall within the range normally referred to as high efficiency.

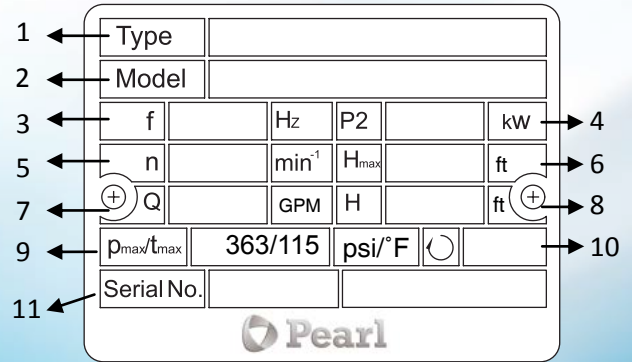
Ambient temperature: Max. +120° F

Identification code

VPS 5 16 N/I SQQE



Pump nameplate information



1. Pump Type – Seal Type
2. Pump Model
3. Frequency
4. Rated Power
5. Speed
6. Maximum Head
7. Capacity
8. Head Range
9. Maximum Operating Pressure
10. Rotating Direction
11. Serial Number

Mechanical seal

Standard cartridge mechanical seal made of Silicon Carbide/Silicon Carbide/ EPDM or Viton. Depending on the type of application, alternative materials are available for the seal and the elastomers.

The cartridge type mechanical seal can be replaced in minutes without special tools and without disassembling the pump.



LIST OF MATERIALS

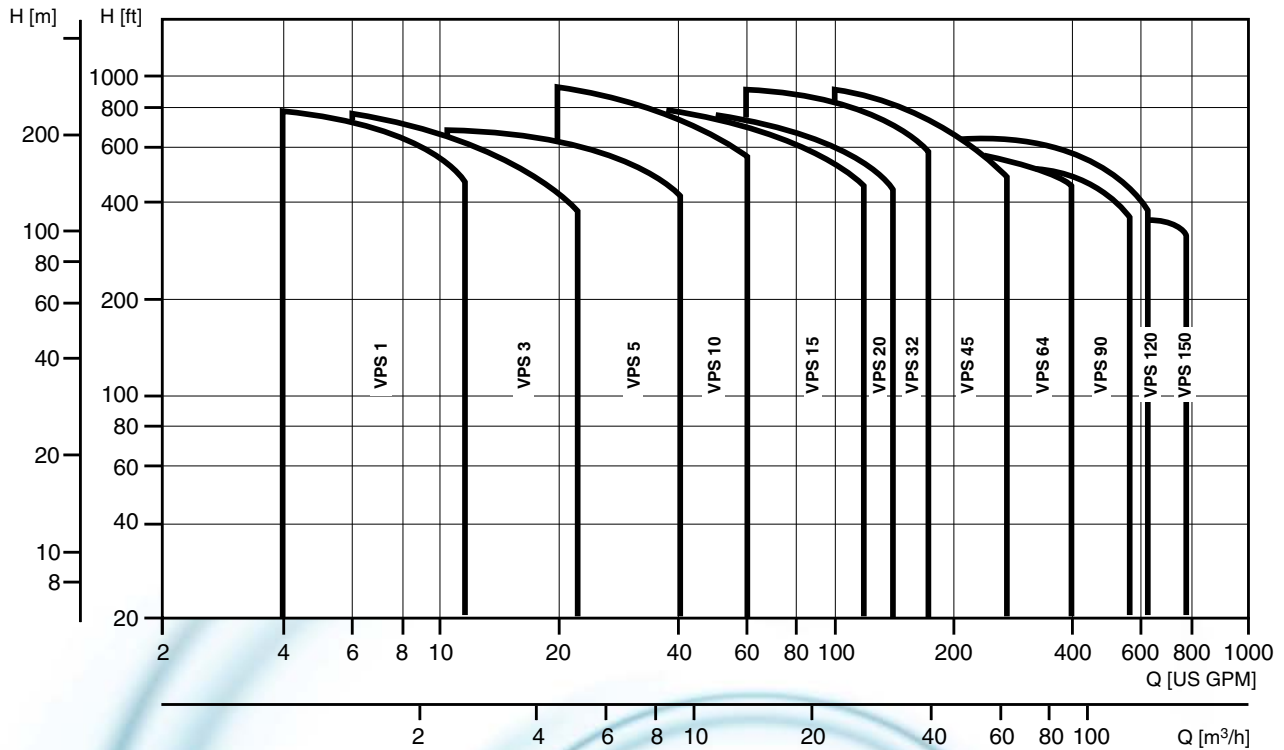
Q : Silicon carbide	E : EPDM
U : Tungsten carbide	V : Viton
B : Carbon	

TYPE OF SEAL

SEAL TYPE	VPS
Mechanical Seals	
S : Cartridge seal	•
QQ	•
UU	Optional
QB	Optional
UB	Optional
Seals	
E	•
V	•

Vertical Multistage Centrifugal In-line Pumps

Performance range 60 Hz



Product data

SERIES	VPS SERIES											
	1	3	5	10	15	20	32	45	64	90	120	150
60 Hz												
Nominal Flow [gpm]	9	17	30	50	90	120	160	225	300	450	550	700
Flow Range [gpm]	4 - 12	6 - 22	14 - 36	20 - 60	30 - 120	50 - 140	80 - 180	100 - 300	140 - 400	200 - 500	250 - 550	300 - 600
Max Pressure [psi]	333	330	327	347	333	291	383	369	252	225	260	215
Fluid Temperature [F]	5 to 240											
Motor Power [HP]	0.5 - 5	0.5 - 5	0.75 - 10	1 - 15	2 - 25	3 - 25	3 - 30	7.5 - 60	10 - 60	15 - 60	250 - 100	25 - 100
PIPE CONNECTION												
Flange [plg]	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2 1/2"	3"	4"	4"	5"	5"
MECHANICAL SEALS												
SiC/SiC	STANDARD											
SEALS												
EPDM	STANDARD											
VITON	STANDARD											

Electrical data IEC

MOTOR TYPE				NOMINAL CURRENT IN [A]			
HP	KW	POLE	FLANGE	FRAME	1PH / 230 V	3PH / 230 V	3PH / 440 V
1.0	0.75	2 (3450 rpm)	B14	80A	5.3	3.1	1.7
1.5	1.1			80B	8	4.8	2.6
2.0	1.5			90S	9.5	6	3.3
3.0	2.2			90L	12.7	8.1	5.1
5.5	4.0		B5	112M		14.4	8
7.5	5.5			132S		20	11.2
10.0	7.5			132S		27	16.1
15	11			160M		37.5	19
20.0	15.0			160M		50	25
25	18.5			160L		60.3	30.1
30	22			180M		71.7	35.8
40	30			200L		97	48.5
50	37			200L		118	59
60	45			225M		143	71.5
75	55			250M		174	87
100	75			280S		235	118

Electrical data NEMA ODP

MOTOR TYPE				NOMINAL CURRENT IN [A]			
HP	KW	POLE	FLANGE	FRAME	1PH / 230 V	3PH / 230 V	3PH / 440 V
1.0	0.75	2 (3450 rpm)	B14	80A	5.3	3.1	1.7
1.5	1.1			80B	8	4.8	2.6
2.0	1.5			90S	9.5	6	3.3
3.0	2.2			90L	12.7	8.1	5.1
5.5	4.0		B5	112M	19.5	14.4	8
7.5	5.5			132S	40	20	11.2
10.0	7.5			132S		27	16.1
15	11			160M		37.5	19
20.0	15.0			160M		50	25
25	18.5			160L		60.3	30.1
30	22			180M		71.7	35.8
40	30			200L		97	48.5
50	37			200L		118	59
60	45			225M		143	71.5
75	55			250M		174	87
100	75			280S		235	118

Electrical data TEFC

MOTOR TYPE				NOMINAL CURRENT IN [A]			
HP	KW	POLE	FLANGE	FRAME	1PH / 230 V	3PH / 230 V	3PH / 440 V
1.0	0.75	2 (3450 rpm)	B14	80A	5.3	3.1	1.7
1.5	1.1			80B	8	4.8	2.6
2.0	1.5			90S	9.5	6	3.3
3.0	2.2			90L	12.7	8.1	5.1
5.5	4.0		B5	112M		14.4	8
7.5	5.5			132S		20	11.2
10.0	7.5			132S		27	16.1
15	11			160M		37.5	19
20.0	15.0			160M		50	25
25	18.5			160L		60.3	30.1
30	22			180M		71.7	35.8
40	30			200L		97	48.5
50	37			200L		118	59
60	45			225M		143	71.5
75	55			250M		174	87
100	75			280S		235	118

Motor components IEC

MOTOR HP	PHASE	VOLT	CAPACITOR	UPPER BEARING	BOTTOM BEARING
0.5	1	115/230	25 µF/250V	6201ZZ-C3	6204ZZ-C3
0.75	1	115/230	40 µF/250V	6201ZZ-C3	6204ZZ-C3
1	1	115/230	50 µF/250V	6201ZZ-C3	6204ZZ-C3
1.5	1	115/230	25 µF/450V	6201ZZ-C3	6204ZZ-C3
2	1	115/230	30 µF/450V	6304ZZ-C3	6205ZZ-C3
2	3	220-440	--	6304ZZ-C3	6205ZZ-C3
3	1	115/230	40 µF/450V	6304ZZ-C3	6205ZZ-C3
3	3	220-440	--	6304ZZ-C3	6205ZZ-C3
5	3	220-440	--	6307ZZ-C3	6305ZZ-C3
7.5	3	220-440	--	6306ZZ-C3	6309ZZ-C3
10	3	220-440	--	6306ZZ-C3	6309ZZ-C3
15	3	220-440	--	6308ZZ-C3	6310ZZ-C3
20	3	220-440	--	6308ZZ-C3	6310ZZ-C3
25	3	220-440	--	6309ZZ-C3	6311ZZ-C3
30	3	220-440	--	6309ZZ-C5	6311ZZ-C3
40	3	220-440	--	6310ZZ-C3	6312ZZ-C3
50	3	220-440	--	6312ZZ-C3	6314ZZ-C3
60	3	220-440	--	6312ZZ-C3	6314ZZ-C3
75	3	220-440	--	6314ZZ-C3	7314ZZ-C3
100	3	220-440	--	6314ZZ-C3	7314ZZ-C3

Motor components NEMA ODP

MOTOR HP	PHASE	VOLT	CAPACITOR	UPPER BEARING	BOTTOM BEARING
0.5	1	115/230	25 µF/250V	6201ZZ-C3	6204ZZ-C3
0.75	1	115/230	40 µF/250V	6201ZZ-C3	6204ZZ-C3
1	1	115/230	50 µF/250V	6201ZZ-C3	6204ZZ-C3
1.5	1	115/230	25 µF/450V	6201ZZ-C3	6204ZZ-C3
2	1	115/230	30 µF/450V	6304ZZ-C3	6205ZZ-C3
2	3	220-440	--	6304ZZ-C3	6205ZZ-C3
3	1	115/230	40 µF/450V	6304ZZ-C3	6205ZZ-C3
3	3	220-440	--	6304ZZ-C3	6205ZZ-C3
5	3	220-440	--	6307ZZ-C3	6305ZZ-C3
7.5	3	220-440	--	6306ZZ-C3	6309ZZ-C3
10	3	220-440	--	6306ZZ-C3	6309ZZ-C3
15	3	220-440	--	6308ZZ-C3	6310ZZ-C3
20	3	220-440	--	6308ZZ-C3	6310ZZ-C3
25	3	220-440	--	6309ZZ-C3	6311ZZ-C3
30	3	220-440	--	6309ZZ-C5	6311ZZ-C3
40	3	220-440	--	6310ZZ-C3	6312ZZ-C3
50	3	220-440	--	6312ZZ-C3	6314ZZ-C3
60	3	220-440	--	6312ZZ-C3	6314ZZ-C3
75	3	220-440	--	6314ZZ-C3	7314ZZ-C3
100	3	220-440	--	6314ZZ-C3	7314ZZ-C3

Maximum Operating Pressure = Pump Inlet Pressure + Pump Pressure

Motor components TEFC

MOTOR HP	PHASE	VOLT	CAPACITOR	UPPER BEARING	BOTTOM BEARING
0.5	1	115/230	25 µF/250V	6201ZZ-C3	6204ZZ-C3
0.75	1	115/230	40 µF/250V	6201ZZ-C3	6204ZZ-C3
1	1	115/230	50 µF/250V	6201ZZ-C3	6204ZZ-C3
1.5	1	115/230	25 µF/450V	6201ZZ-C3	6204ZZ-C3
2	1	115/230	30 µF/450V	6304ZZ-C3	6205ZZ-C3
2	3	220-440	--	6304ZZ-C3	6205ZZ-C3
3	1	115/230	40 µF/450V	6304ZZ-C3	6205ZZ-C3
3	3	220-440	--	6304ZZ-C3	6205ZZ-C3
5	3	220-440	--	6307ZZ-C3	6305ZZ-C3
7.5	3	220-440	--	6306ZZ-C3	6309ZZ-C3
10	3	220-440	--	6306ZZ-C3	6309ZZ-C3
15	3	220-440	--	6308ZZ-C3	6310ZZ-C3
20	3	220-440	--	6308ZZ-C3	6310ZZ-C3
25	3	220-440	--	6309ZZ-C3	6311ZZ-C3
30	3	220-440	--	6309ZZ-C5	6311ZZ-C3
40	3	220-440	--	6310ZZ-C3	6312ZZ-C3
50	3	220-440	--	6312ZZ-C3	6314ZZ-C3
60	3	220-440	--	6312ZZ-C3	6314ZZ-C3
75	3	220-440	--	6314ZZ-C3	7314ZZ-C3
100	3	220-440	--	6314ZZ-C3	7314ZZ-C3

Maximum operating pressures

MODEL	STAGES	MAXIMUM OPERATING PRESSURE [PSI]
VPS 1	2-27	350
VPS 3	2-25	350
VPS 5	2-24	350
VPS 10	1-10	230
	12-17	350
VPS 15	1-8	230
	9-12	350
VPS 20	1-7	230
	8-10	350
VPS 32	(1-1)-5	230
	(6-2)-(10-2)	425
VPS 45	(1-1)-4	230
	(5-2)-7	425
VPS 64	(1-1)-3	230
	(4-2)-(5-2)	425
VPS 90	(1-1)-3	230
	(4-2)	425
VPS 120	1 - (5-2)	425
VPS 150	(1-1) - (4-2)	425

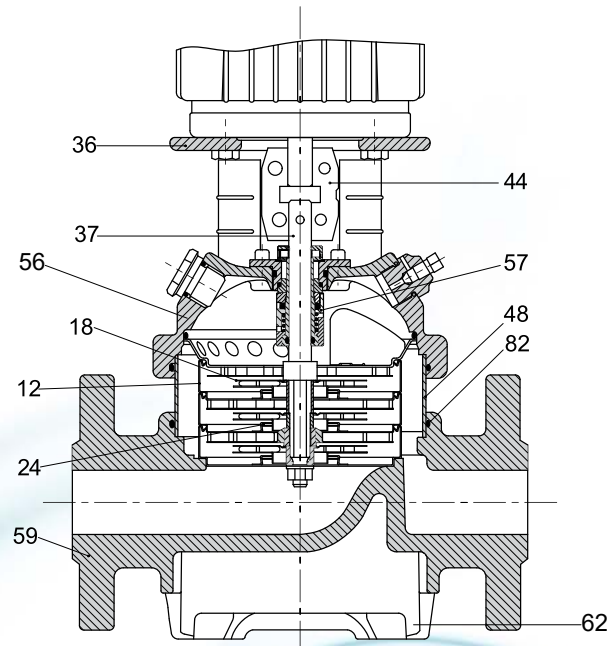
Maximum inlet pressures

MODEL	STAGES	MAXIMUM INLET PRESSURES [PSI]
VPS 1	2-25	142
	27	210
VPS 3	2-15	142
	17-25	210
VPS 5	2-9	142
	10-24	210
VPS 10	1-5	110
	6-18	142
VPS 15	1-2	110
	3-12	142
VPS 20	1	110
	2-10	142
VPS 32	(1-1)-(2)	55
	(3-2)-(6)	142
	(7-2)-(10-2)	210
VPS 45	(1-1)-1	55
	(2-2)-3	142
VPS 64	(4-2)-7	210
	(1-1)	55
VPS 90	1-(2-1)	142
	2-(5-2)	210
VPS 120	(1-1)-(2-2)	142
	(2-1)-(4-2)	210
VPS 150	1	142
	(2-2) - (3-1)	210
	3 - (5-2)	280
VPS 150	(1-1)	142
	(1-2)	210
VPS 150	(3-2) - (4-2)	280

Maximum Operating Pressure = Pump Inlet Pressure + Pump Pressure

Construction

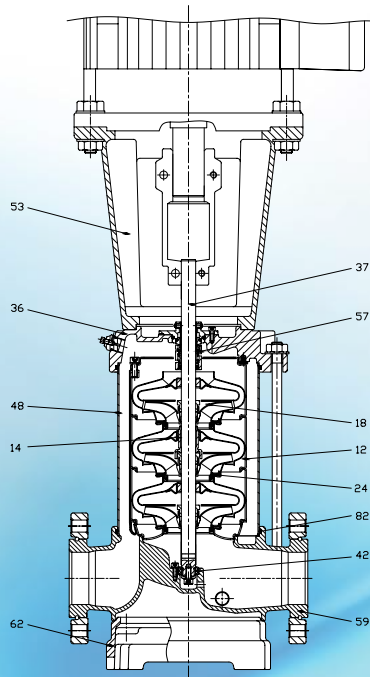
VPS - 1,3,5,10,15,20



POS.	NAME	MATERIAL	VPS 1, 3, 5, 10, 15, 20
			STANDARD
36	Pump head	Cast iron	ASTM 65-45-12
56	Pump head cover	Stainlees steel	AISI 304
18	Impeller	Stainlees steel	AISI 304
37	Shaft	Stainlees steel	AISI 431
48	Outer sleeve	Stainlees steel	AISI 304
82	O-ring for outer sleeve	EPDM	EPDM
12	Chamber	Stainlees steel	AISI 304
24	Neck ring	PTFE	PTFE
59	Base	Cast iron	N/A
	Base	Stainlees steel	AISI 304
62	Base plate	Cast iron	ASTM 25B
44	Coupling	Fe-Cu-C	MPIF FC0525
57	Mechanical seal	Cartridge type	Cartridge type

Construction

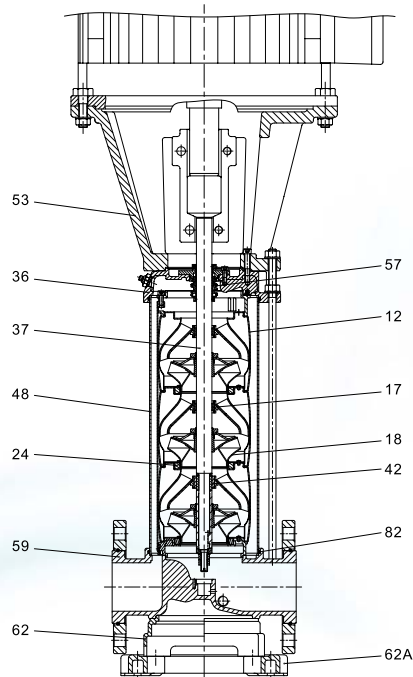
VPS - 32, 45, 64, 90



POS.	NAME	MATERIAL	VPS 32, 45, 64, 90
			STANDARD
36	Pump head	Cast Iron	Cast Iron
		Stainless steel	AISI 304
53	Motor Bracket	Cast Iron	ASTM 35B
18	Impeller	Stainless steel	AISI 304
37	Shaft	Stainless steel	AISI 431
48	Outer Sleeve	Stainless steel	AISI 304
82	O-ring for outer sleeve	EPDM	EPDM
12	Chamber	Stainless steel	AISI 304
24	Neck ring	Carbon Fiber + POB + PTFE	Carbon Fiber + POB + PTFE
59	Base	Cast iron	N/A
	Base	Stainless steel	AISI 304
62	Base plate	Cast iron	ASTM 35B
57	Mechanical Seal	Cartridge type	Cartridge type
14	Bearing ring	Bronze	Bronze
42	Bottom bearing ring	Tungsten carbide/ Tungsten carbide	Tungsten carbide/ Tungsten carbide

Construction

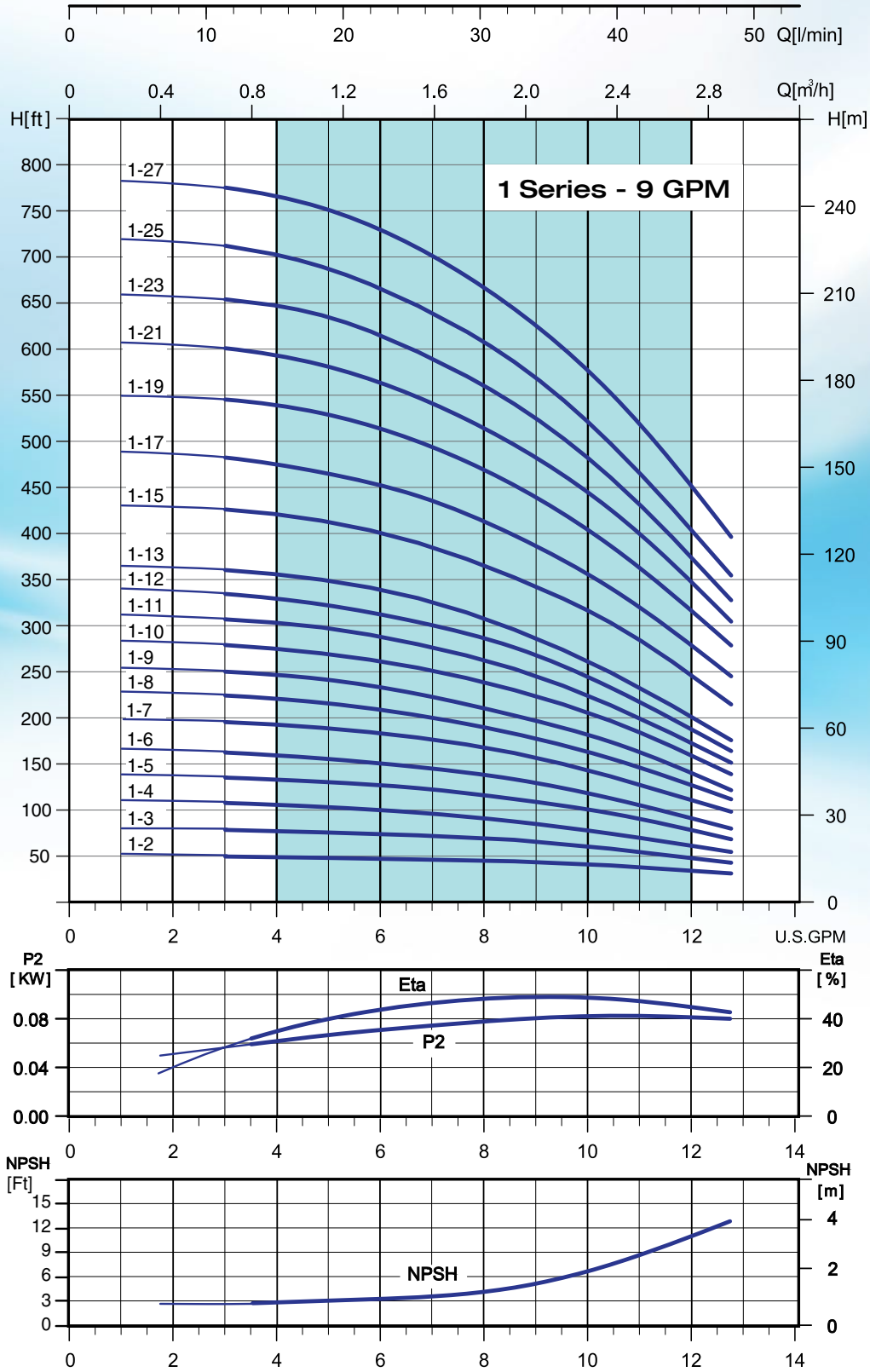
VPS - 120, 150



POS.	NAME	MATERIAL	VPS 120, 150
			STANDARD
36	Pump head	Stainless steel	AISI 304
53	Motor Bracket (15HP~60HP)	Cast Iron	ASTM 35B
	Motor Bracket (75HP~100HP)	Cast Iron	ASTM 65-45-12
17	Bearing Ring	PTFE	PTFE
18	Impeller	Stainless steel	AISI 304
37	Shaft	Stainless steel	AISI 431
48	Outer Sleeve	Stainless steel	AISI 304
82	O-ring for outer sleeve	EPDM	EPDM
12	Chamber	Stainless steel	AISI 304
24	Neck ring	PTFE	PTFE
59	Base	Stainless steel	AISI 304
62	Base plate	Cast iron	ASTM 65-45-12
62A	Base plate	Cast iron	ASTM 65-45-12
57	Mechanical Seal	Cartridge type	Cartridge type
42	Bottom bearing ring	SiC / SiC	SiC / SiC



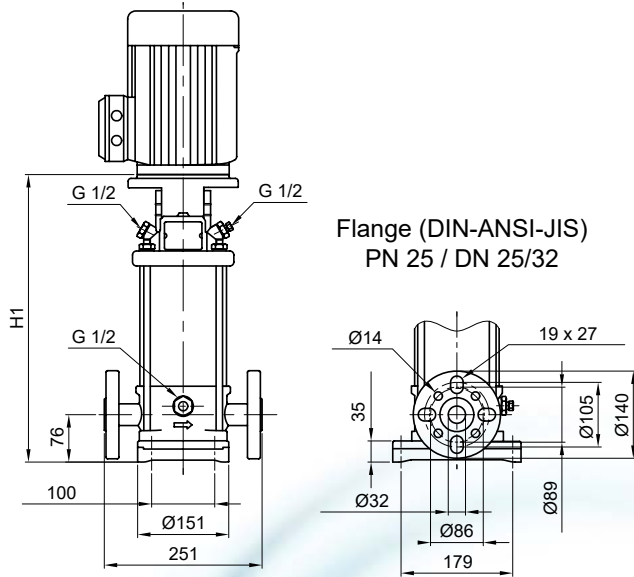
VPS 1 IEC MOTOR BRACKET



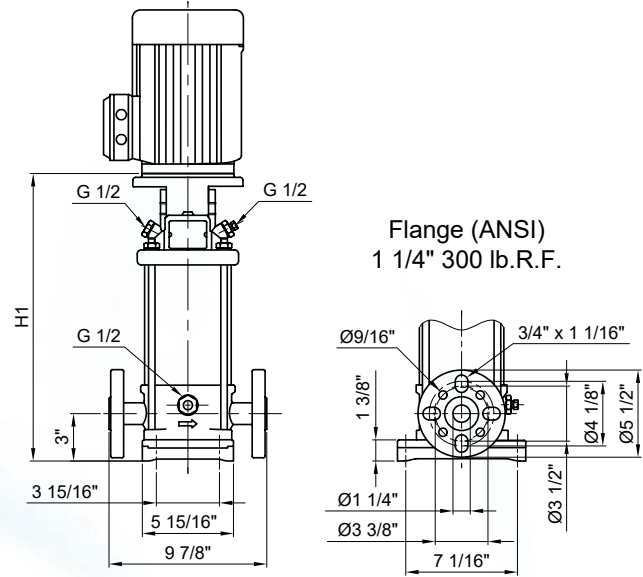
VPS 1 IEC MOTOR BRACKET

Dimensions and weights

VPS 1 [MM]



VPS 1 [INCHES]

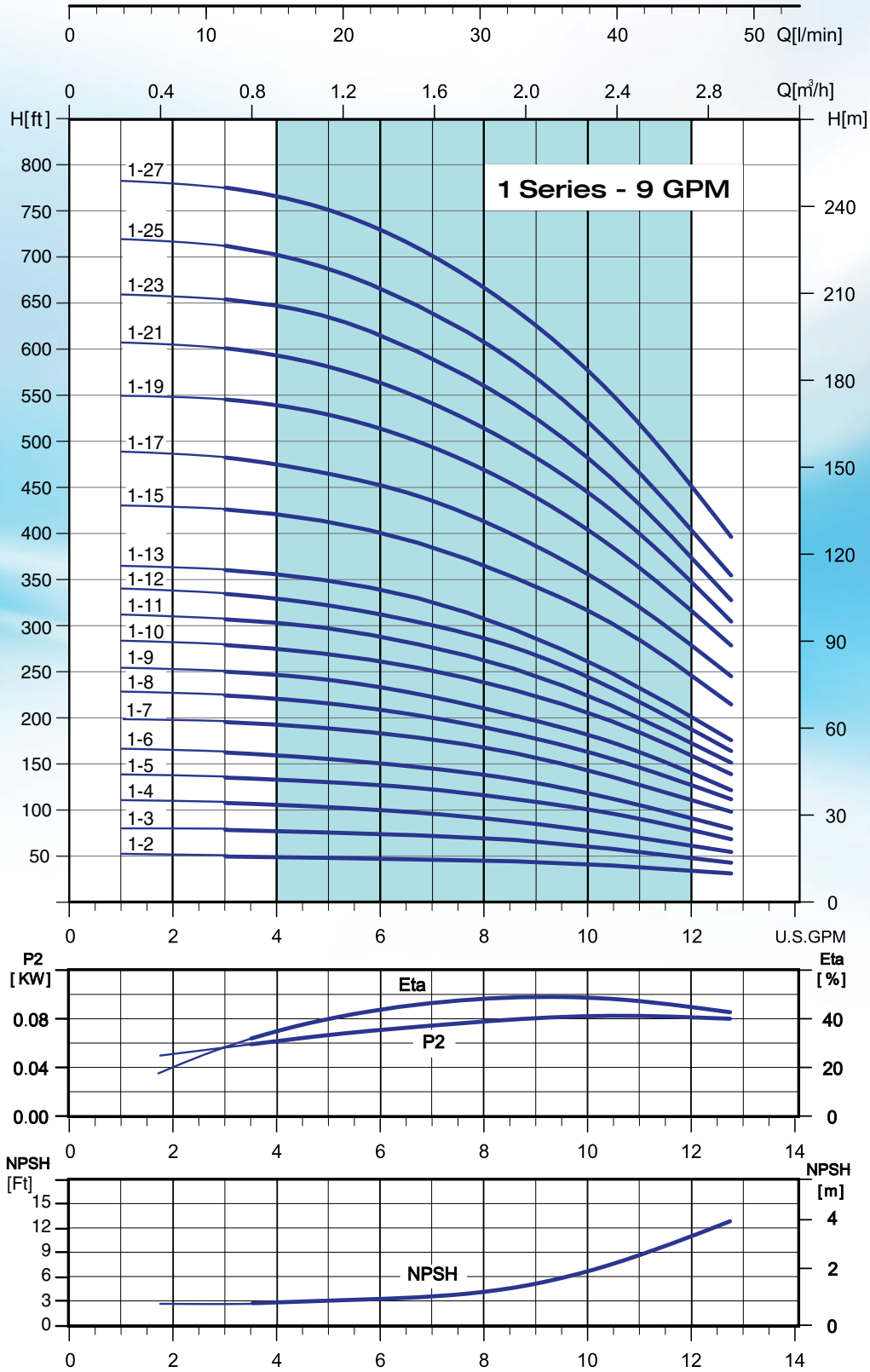


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 1-2	0.5	71	11.1	282	27.6	12.5
VPS 1-3	0.5	71	11.1	282	29.8	13.5
VPS 1-4	0.5	71	11.8	300	29.8	13.5
VPS 1-5	0.75	80 M	12.5	318	32.0	14.5
VPS 1-6	0.75	80 M	13.2	336	32.0	14.5
VPS 1-7	1	80A	14.2	360	36.0	16.3
VPS 1-8	1	80A	14.9	378	38.2	17.3
VPS 1-9	1	80A	15.6	396	38.2	17.3
VPS 1-10	1.5	80B	16.3	414	39.6	17.9
VPS 1-11	1.5	80B	17.0	432	40.0	18.1
VPS 1-12	1.5	80B	17.7	450	40.0	18.1
VPS 1-13	1.5	80B	18.4	468	42.2	19.1
VPS 1-15	2	90S	20.5	520	45.5	20.6
VPS 1-17	2	90S	21.9	556	46.6	21.1
VPS 1-19	3	90L	23.3	592	48.2	21.8
VPS 1-21	3	90L	24.7	628	50.0	22.6
VPS 1-23	3	90L	26.1	664	51.5	23.3
VPS 1-25	3	90L	27.6	700	53.3	24.1
VPS 1-27	4	100L	29.2	741	55.9	25.3

All measures must be used as reference only. Values may vary according to motor model.

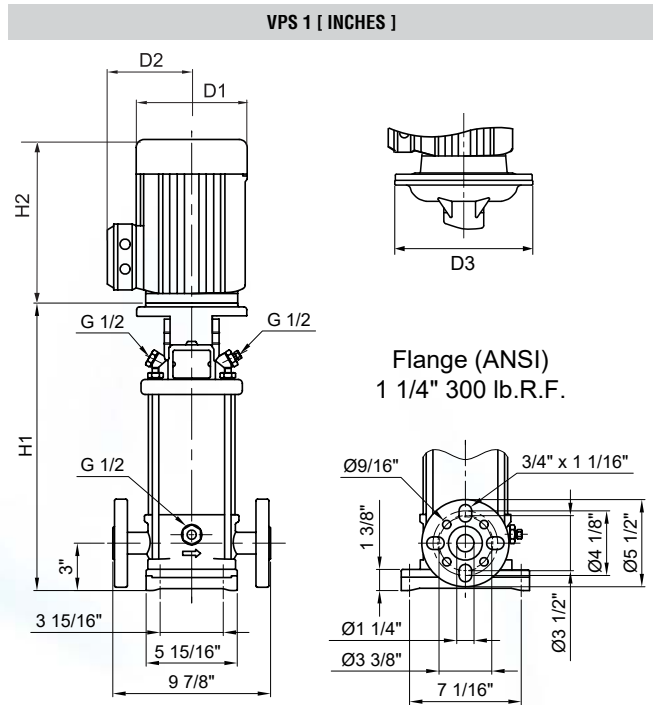
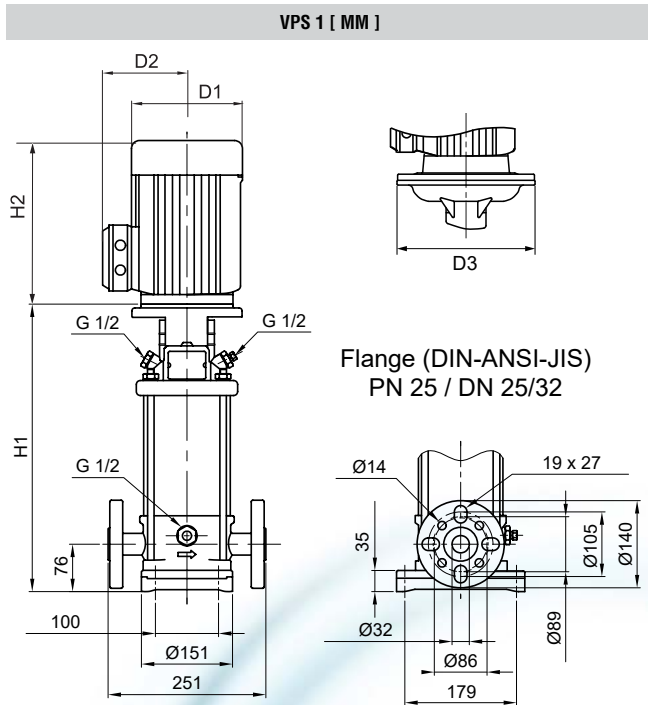


VPS 1 NEMA MOTOR BRACKET



VPS 1 NEMA MOTOR BRACKET

Dimensions and weights

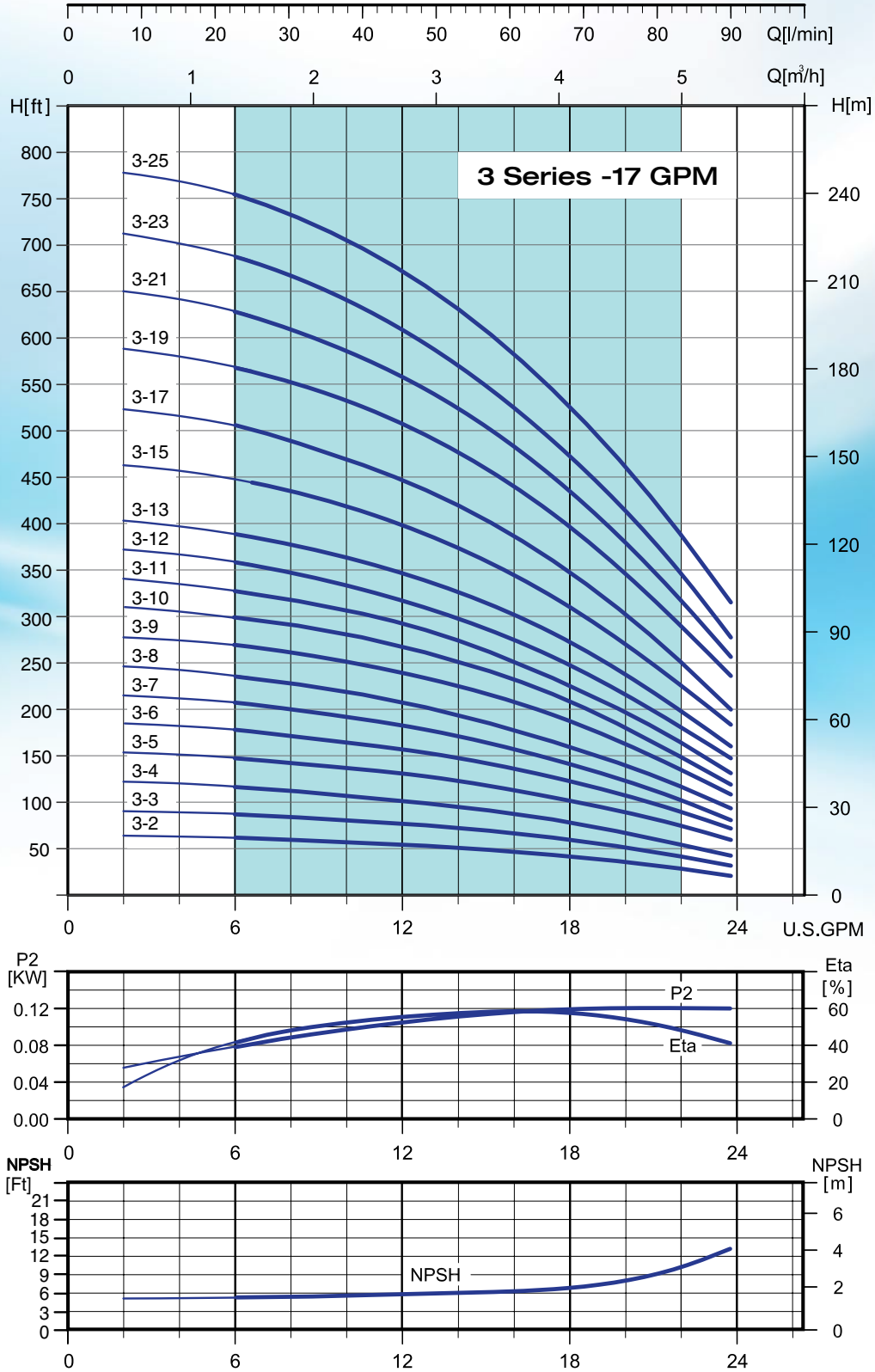


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																NET WEIGHT		NET WEIGHT			
				H1		H2		H2		D1		D1		D2		D2		D3		D3		ODP	TEFC	ODP	TEFC
				in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
SINGLE PHASE MOTOR																									
VPS 1-2	0.5	56C	56C	12.0	306	9.4	239	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	50.6	23.0	50.6	23.0
VPS 1-3	0.5	56C	56C	12.0	306	9.4	239	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	52.8	24.0	52.8	24.0
VPS 1-4	0.5	56C	56C	12.8	324	9.4	239	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	52.8	24.0	52.8	24.0
VPS 1-5	0.75	56C	56C	13.5	342	10.8	274	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	59.1	26.8	61.1	27.7
VPS 1-6	0.75	56C	56C	14.2	360	10.8	274	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	59.1	26.8	61.1	27.7
VPS 1-7	1	56C	56C	14.8	377	10.7	271	10.2	259	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	68.0	30.9	72.0	32.7
VPS 1-8	1	56C	56C	15.6	395	10.7	271	10.2	259	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	70.2	31.9	74.2	33.7
VPS 1-9	1	56C	56C	16.3	413	10.7	271	10.2	259	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	70.2	31.9	74.2	33.7
VPS 1-10	1.5	56C	56C	17.0	431	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	72.6	32.9	79.6	36.1
VPS 1-11	1.5	56C	56C	17.7	449	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	73.0	33.1	80.0	36.3
VPS 1-12	1.5	56C	56C	18.4	467	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	73.0	33.1	80.0	36.3
VPS 1-13	1.5	56C	56C	19.1	485	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	75.2	34.1	82.2	37.3
VPS 1-15	2	56C	56C	20.6	522	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	88.5	40.2	95.5	43.3
VPS 1-17	2	56C	56C	22.0	558	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	89.6	40.7	96.6	43.8
VPS 1-19	3	182TC	182TC	23.4	594	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	109.2	49.5	121.2	55.0
VPS 1-21	3	182TC	182TC	25.7	654	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	111.0	50.3	123.0	55.8
VPS 1-23	3	182TC	182TC	27.1	690	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	112.5	51.0	124.5	56.5
VPS 1-25	3	182TC	182TC	28.6	726	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	114.3	51.8	126.3	57.3
VPS 1-27	3	182TC	182TC	30.0	762	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	116.9	53.0	128.9	58.5
THREE PHASE MOTOR																									
VPS 1-19	3	56C	56C	23.4	594	11.2	284	12.0	306	7.2	183	7.2	183	5.6	143	5.7	146	6.5	165	6.5	165	98.2	44.5	98.2	44.5
VPS 1-21	3	-	182TC	25.7	654	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	100.0	45.3
VPS 1-23	3	-	182TC	27.1	690	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	101.5	46.0
VPS 1-25	3	-	182TC	28.6	726	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	103.3	46.8
VPS 1-27	3	-	182TC	30.0	762	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	105.9	48.0

All measures must be used as reference only. Values may vary according to motor model.



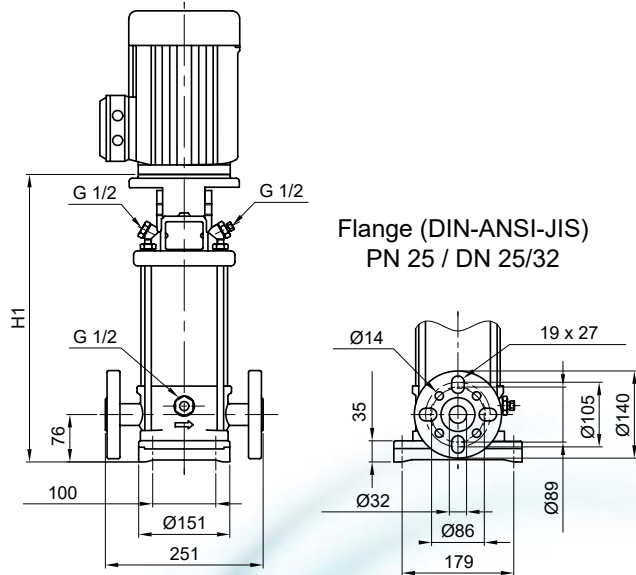
VPS 3 IEC MOTOR BRACKET



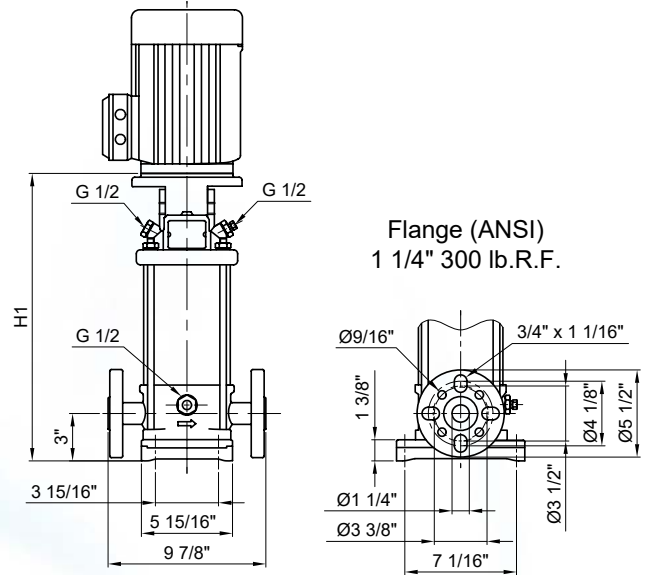
VPS 3 IEC MOTOR BRACKET

Dimensions and weights

VPS 3 [MM]



VPS 3 [INCHES]

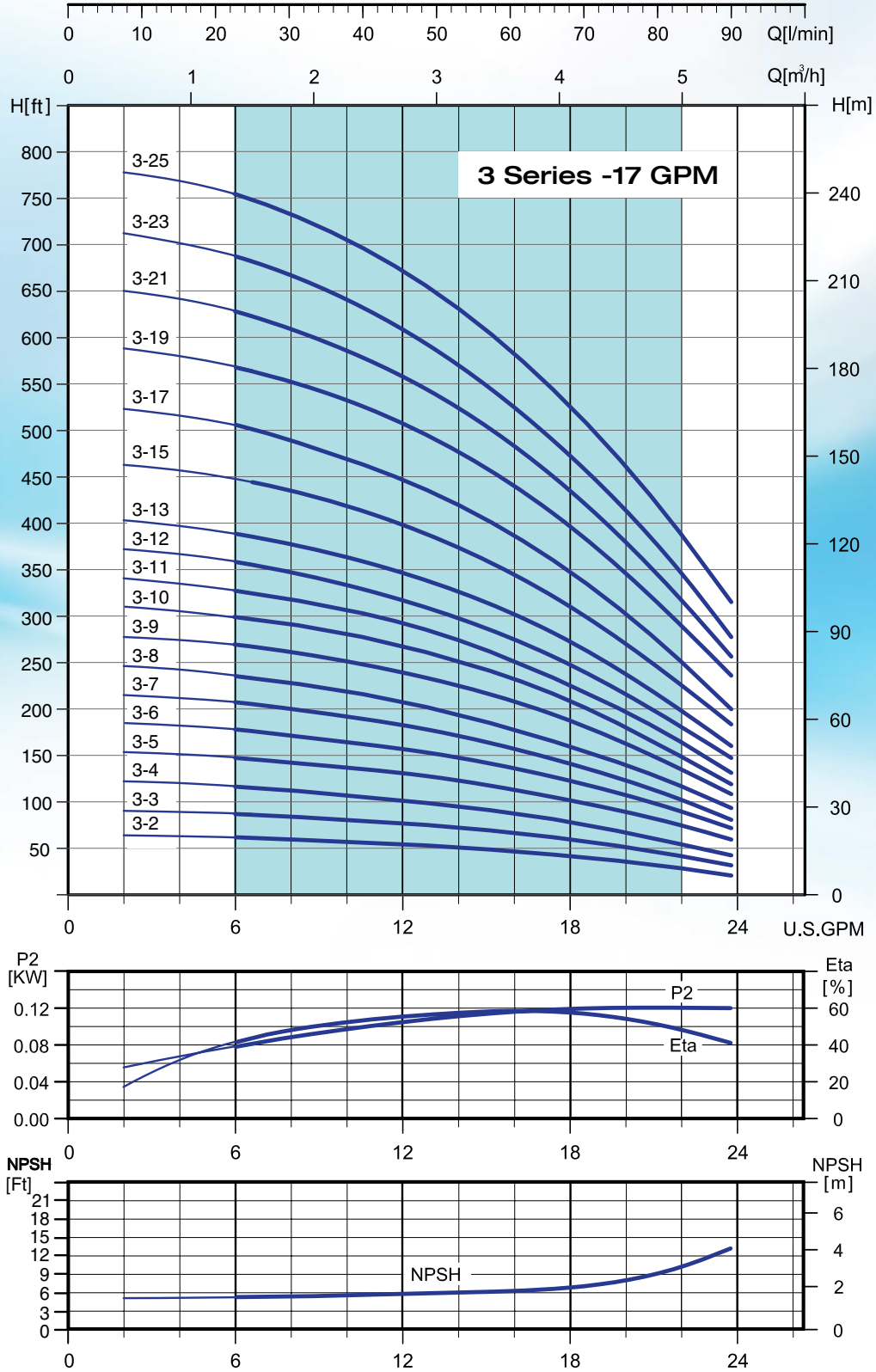


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 3-2	0.5	71	11.1	282	27.6	12.5
VPS 3-3	0.75	80 M	11.1	282	29.8	13.5
VPS 3-4	0.75	80 M	11.8	300	32.1	14.5
VPS 3-5	1	80A	12.8	324	33.8	15.3
VPS 3-6	1.5	80B	13.5	342	35.6	16.1
VPS 3-7	1.5	80B	14.2	360	35.6	16.1
VPS 3-8	1.5	80B	14.9	378	37.8	17.1
VPS 3-9	2	90S	16.2	412	40.0	18.1
VPS 3-10	2	90S	16.9	430	40.9	18.5
VPS 3-11	2	90S	17.6	448	41.8	18.9
VPS 3-12	3	90L	18.3	466	42.4	19.2
VPS 3-13	3	90L	19.1	484	43.3	19.6
VPS 3-15	3	90L	20.5	520	45.1	20.4
VPS 3-17	3	90L	21.9	556	46.6	21.1
VPS 3-19	4	100L	23.5	597	48.2	21.8
VPS 3-21	4	100L	24.9	633	49.7	22.5
VPS 3-23	4	100L	26.3	669	51.5	23.3
VPS 3-25	5.5	112M	27.8	705	53.3	24.1

All measures must be used as reference only. Values may vary according to motor model.

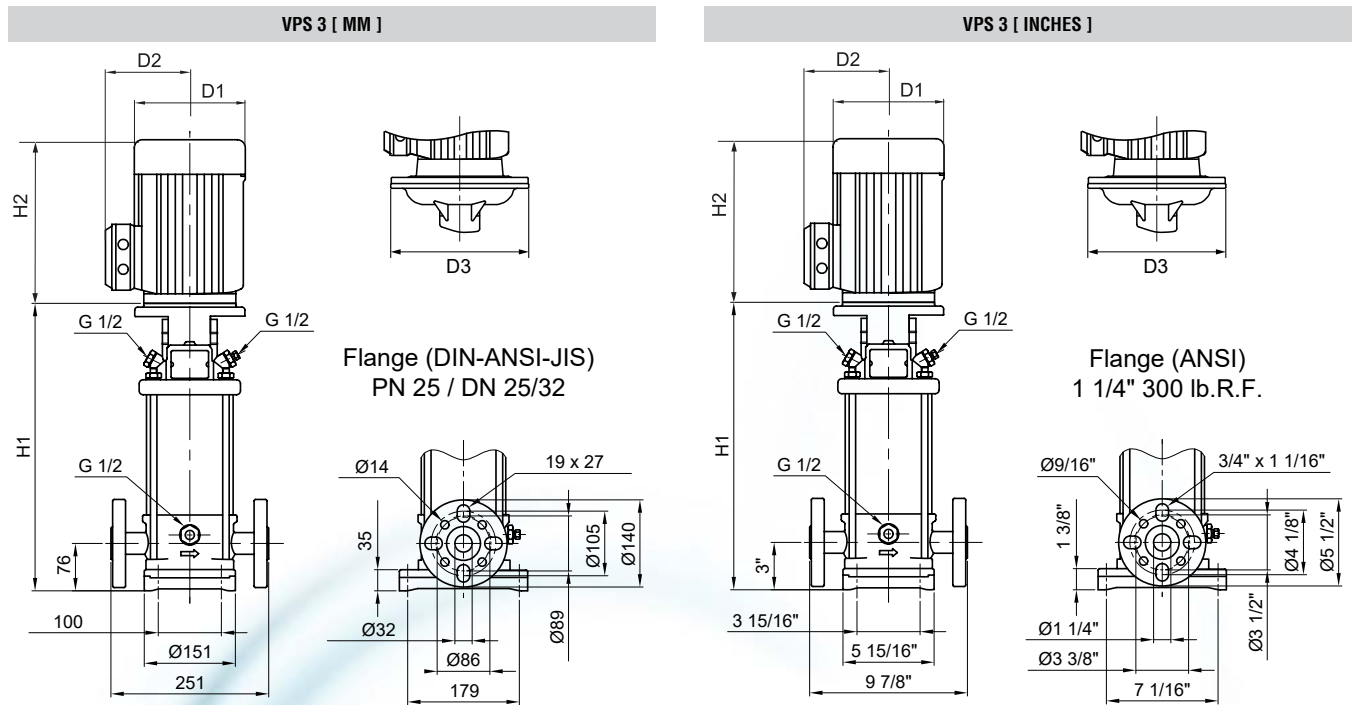


VPS 3 NEMA MOTOR BRACKET



VPS 3 NEMA MOTOR BRACKET

Dimensions and weights

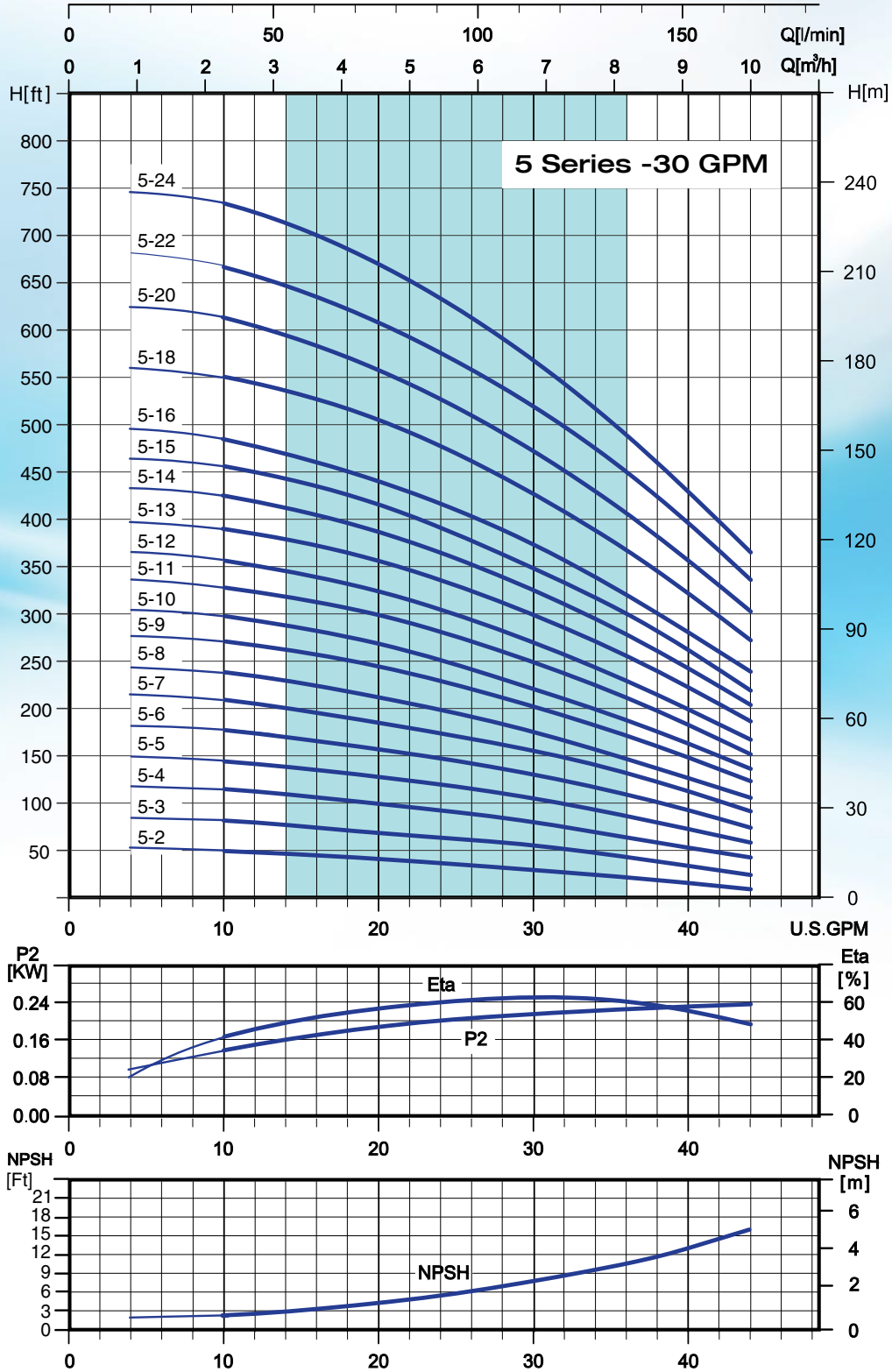


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT			
		ODP	TEFC	PUMP END	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	lbs	kg	lbs	kg			
SINGLE PHASE MOTOR																									
VPS 3-2	0.5	56C	56C	12.0	306	9.4	239	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	50.6	23.0	50.6	23.0
VPS 3-3	0.75	56C	56C	12.0	306	10.8	274	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	56.8	25.8	58.8	26.7
VPS 3-4	0.75	58C	56C	12.8	324	10.8	274	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	59.1	26.8	61.1	27.7
VPS 3-5	1	56C	56C	13.4	341	10.7	271	10.2	259	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	65.8	29.9	69.8	31.7
VPS 3-6	1.5	56C	56C	14.1	359	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	68.6	31.1	75.6	34.3
VPS 3-7	1.5	56C	56C	14.8	377	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	68.6	31.1	75.6	34.3
VPS 3-8	1.5	56C	56C	15.6	395	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	70.8	32.1	77.8	35.3
VPS 3-9	2	58C	56C	16.3	414	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	83.0	37.6	90.0	40.8
VPS 3-10	2	56C	56C	17.0	432	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	83.9	38.1	90.9	41.2
VPS 3-11	2	56C	56C	17.7	450	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	84.8	38.5	91.8	41.6
VPS 3-12	3	182TC	182TC	18.4	468	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	103.4	46.9	115.4	52.4
VPS 3-13	3	182TC	182TC	20.1	510	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	104.3	47.3	116.3	52.8
VPS 3-15	3	182TC	182TC	21.5	546	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	106.1	48.1	118.1	53.6
VPS 3-17	3	182TC	182TC	22.9	582	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	107.6	48.8	119.6	54.3
VPS 3-19	5	-	184TC	24.5	622	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	140.2	63.6
VPS 3-21	5	-	184TC	25.7	654	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	141.7	64.3
VPS 3-23	5	-	184TC	27.1	690	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	143.5	65.1
VPS 3-25	5	-	184TC	28.6	726	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	145.3	65.9
THREE PHASE MOTOR																									
VPS 3-12	3	-	182TC	18.4	468	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	92.4	41.9
VPS 3-13	3	56C	56C	20.1	510	11.2	284	12.0	306	7.2	183	7.2	183	5.6	143	5.7	146	6.5	165	6.5	165	93.3	42.3	93.3	42.3
VPS 3-15	3	-	182TC	21.5	546	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	95.1	43.1
VPS 3-17	3	-	182TC	22.9	582	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	96.6	43.8
VPS 3-19	5	182TC	184TC	24.5	622	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	112.2	50.9	123.2	55.9
VPS 3-21	5	182TC	184TC	25.7	654	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	113.7	51.6	124.7	56.6
VPS 3-23	5	182TC	184TC	27.1	690	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	115.5	52.4	126.5	57.4
VPS 3-25	5	182TC	184TC	28.6	726	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	117.3	53.2	128.3	58.2

All measures must be used as reference only. Values may vary according to motor model.



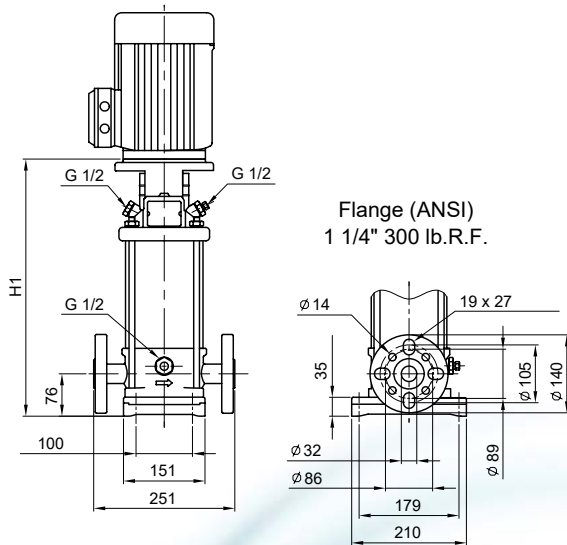
VPS 5 IEC MOTOR BRACKET



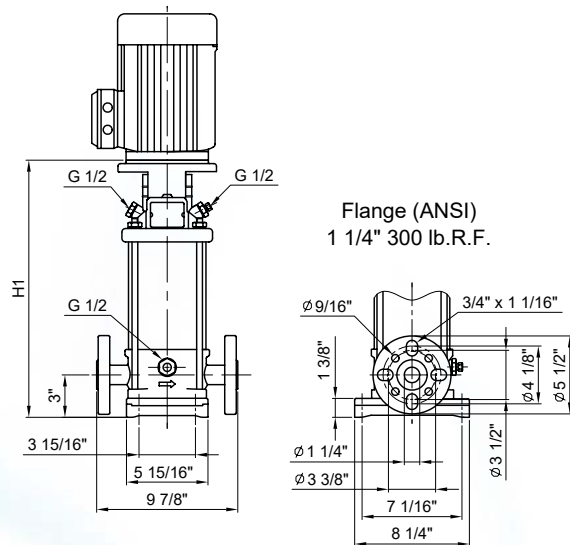
VPS 5 IEC MOTOR BRACKET

Dimensions and weights

VPS 5 [MM]



VPS 5 [INCHES]

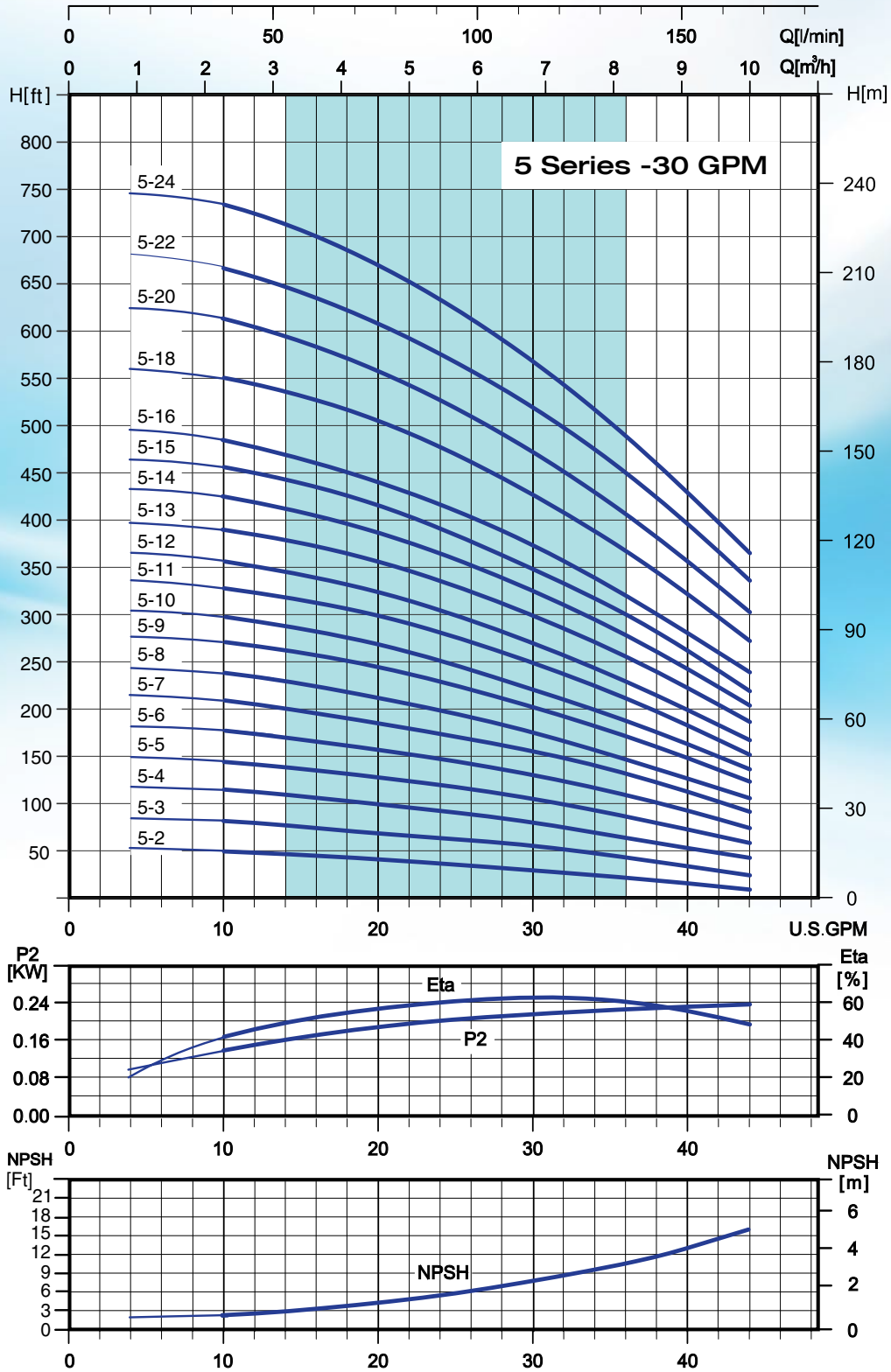


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 5-2	0.75	80 M	11.1	282	29.8	13.5
VPS 5-3	1.5	80B	12.4	315	33.4	15.1
VPS 5-4	1.5	80B	13.5	342	35.6	16.1
VPS 5-5	2	90S	15.2	385	38.2	17.3
VPS 5-6	3	90L	16.2	412	39.3	17.8
VPS 5-7	3	90L	17.3	439	40.4	18.3
VPS 5-8	3	90L	18.3	466	41.8	18.9
VPS 5-9	3	90L	19.4	493	43.1	19.5
VPS 5-10	4	100L	20.7	525	45.3	20.5
VPS 5-11	4	100L	21.7	552	46.6	21.1
VPS 5-12	4	100L	22.8	579	47.7	21.6
VPS 5-13	5.5	112M	23.9	606	49.1	22.2
VPS 5-14	5.5	112M	24.9	633	50.4	22.8
VPS 5-15	5.5	112M	26.0	660	51.7	23.4
VPS 5-16	5.5	112M	27.0	687	52.8	23.9
VPS 5-18	7.5	132S	30.3	770	65.6	29.7
VPS 5-20	7.5	132S	32.4	824	68.3	30.9
VPS 5-22	7.5	132S	34.6	878	70.7	32.0
VPS 5-24	10	132S	36.7	932	73.4	33.2

All measures must be used as reference only. Values may vary according to motor model.



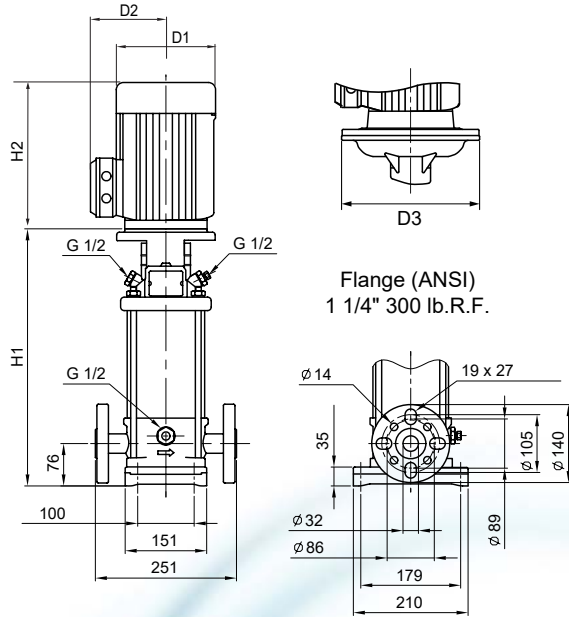
VPS 5 NEMA MOTOR BRACKET



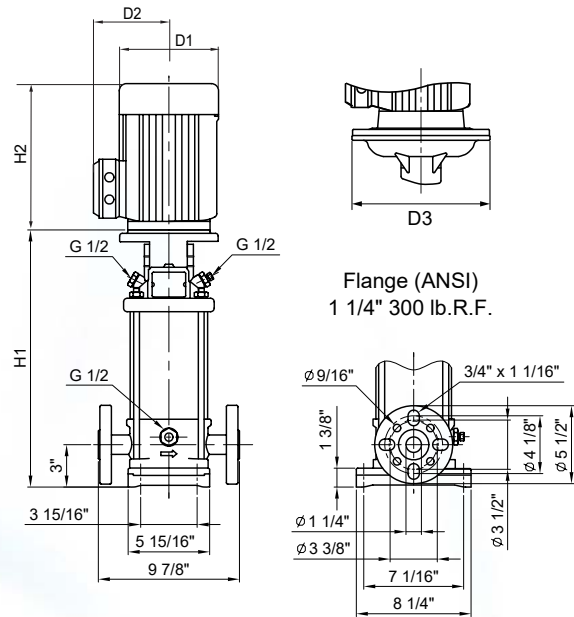
VPS 5 NEMA MOTOR BRACKET

Dimensions and weights

VPS 5 [MM]



VPS 5 [INCHES]

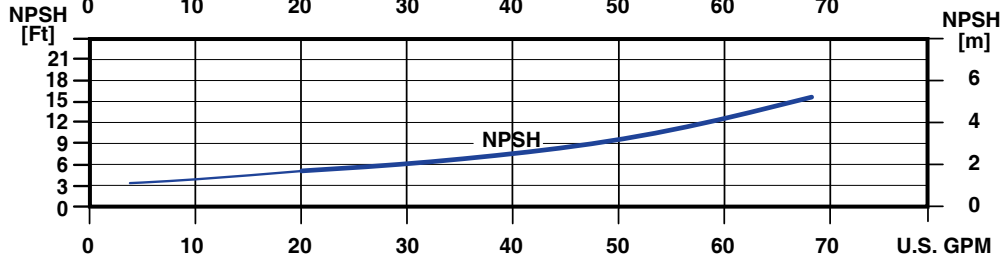
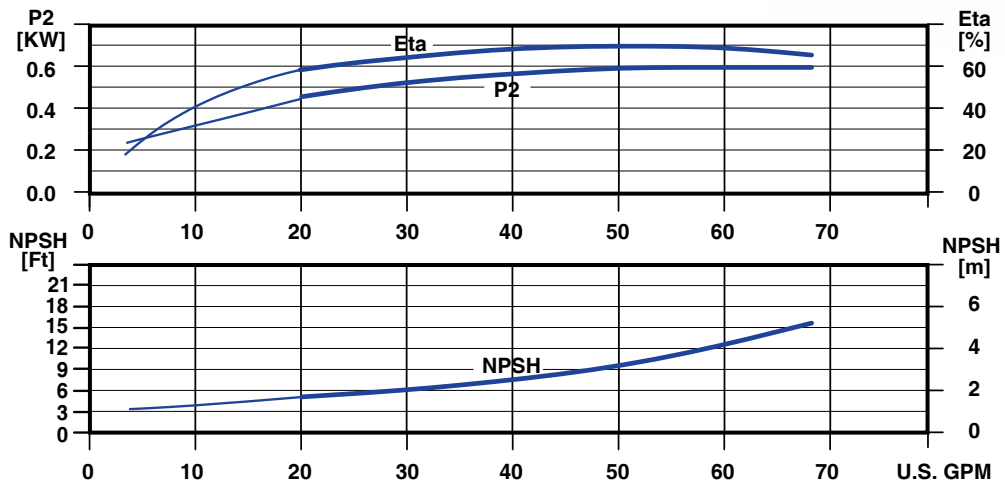
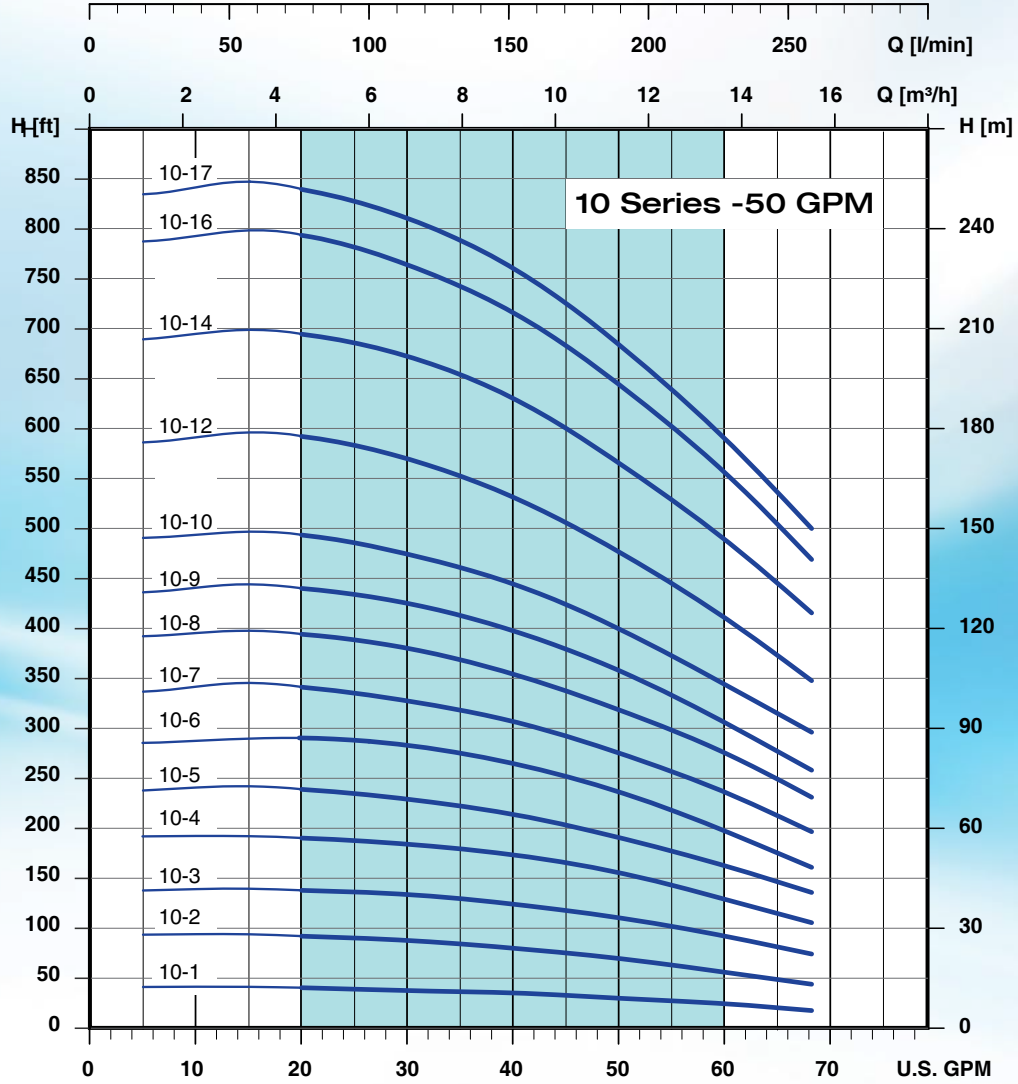


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																							
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT		NET WEIGHT			
		ODP	TEFC	PUMP END		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC			
				in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
SINGLE PHASE MOTOR																											
VPS 5-2	0.75	56C	56C	12.0	306	10.8	274	9.3	236	6.2	157	6.2	157	5.1	129	5.2	132	5.9	149	5.8	148	56.8	25.8	58.8	26.7		
VPS 5-3	1.5	56C	56C	13.1	332	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	66.4	30.1	73.4	33.3		
VPS 5-4	1.5	56C	56C	14.1	359	10.7	271	11.2	284	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	68.6	31.1	75.6	34.3		
VPS 5-5	2	56C	56C	15.8	402	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	81.2	36.8	88.2	40.0		
VPS 5-6	3	182TC	182TC	16.3	414	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	100.3	45.5	112.3	51.0		
VPS 5-8	3	182TC	182TC	19.4	492	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	102.8	46.6	114.8	52.1		
VPS 5-9	3	182TC	182TC	20.4	519	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	104.1	47.2	116.1	52.7		
VPS 5-10	5	-	184TC	21.7	550	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	137.3	62.3		
VPS 5-11	5	-	184TC	22.5	573	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	138.6	62.9		
VPS 5-12	5	-	184TC	23.6	600	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	139.7	63.4		
VPS 5-13	5	-	184TC	24.7	627	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	141.1	64.0		
VPS 5-14	5	-	184TC	25.7	654	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	142.4	64.6		
VPS 5-15	5	-	184TC	26.8	681	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	143.7	65.2		
VPS 5-16	5	-	184TC	27.9	708	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	144.8	65.7		
VPS 5-24	10	-	215TC	36.9	939	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	240.4	109.0		
THREE PHASE MOTOR																											
VPS 5-6	3	-	182TC	16.3	414	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	89.3	40.5		
VPS 5-7	3	56C	56C	17.4	441	11.2	284	12.0	306	7.2	183	7.2	183	5.6	143	5.7	146	6.5	165	6.5	165	90.4	41.0	90.4	41.0		
VPS 5-8	3	-	182TC	19.4	492	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	91.8	41.6		
VPS 5-9	3	-	182TC	20.4	519	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	93.1	42.2		
VPS 5-10	5	182TC	184TC	21.7	550	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	109.3	49.6	120.3	54.6		
VPS 5-11	5	182TC	184TC	22.5	573	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	110.6	50.2	121.6	55.2		
VPS 5-12	5	182TC	184TC	23.6	600	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	111.7	50.7	122.7	55.7		
VPS 5-13	5	182TC	184TC	24.7	627	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	113.1	51.3	124.1	56.3		
VPS 5-14	5	182TC	184TC	25.7	654	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	114.4	51.9	125.4	56.9		
VPS 5-15	5	182TC	184TC	26.8	681	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	115.7	52.5	126.7	57.5		
VPS 5-16	5	182TC	184TC	27.9	708	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	116.8	53.0	127.8	58.0		
VPS 5-18	7.5	-	213TC	30.6	777	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	161.6	73.3		
VPS 5-20	7.5	-	213TC	32.7	831	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	164.3	74.5		
VPS 5-22	7.5	-	213TC	34.8	885	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	166.7	75.6		
VPS 5-24	10	213TC	215TC	36.9	939	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	194.4	88.2	198.4	90.0		

All measures must be used as reference only. Values may vary according to motor model.



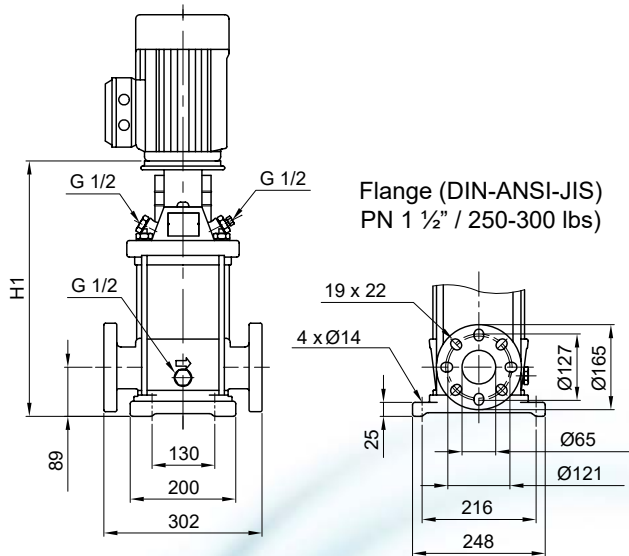
VPS 10 IEC MOTOR BRACKET



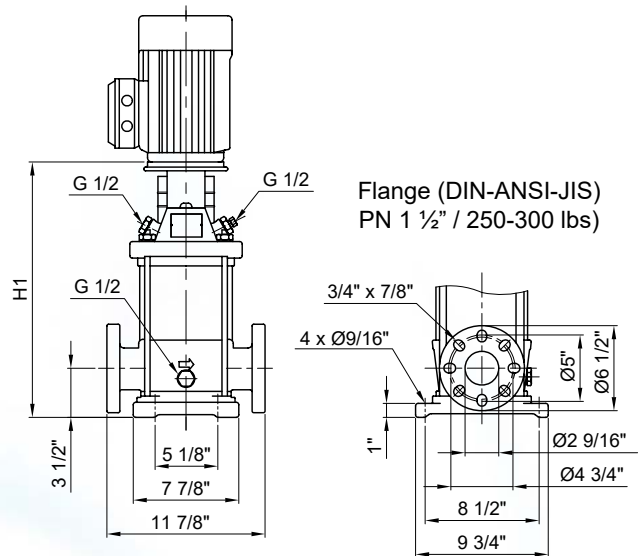
VPS 10 IEC MOTOR BRACKET

Dimensions and weights

VPS 10 [MM]



VPS 10 [INCHES]

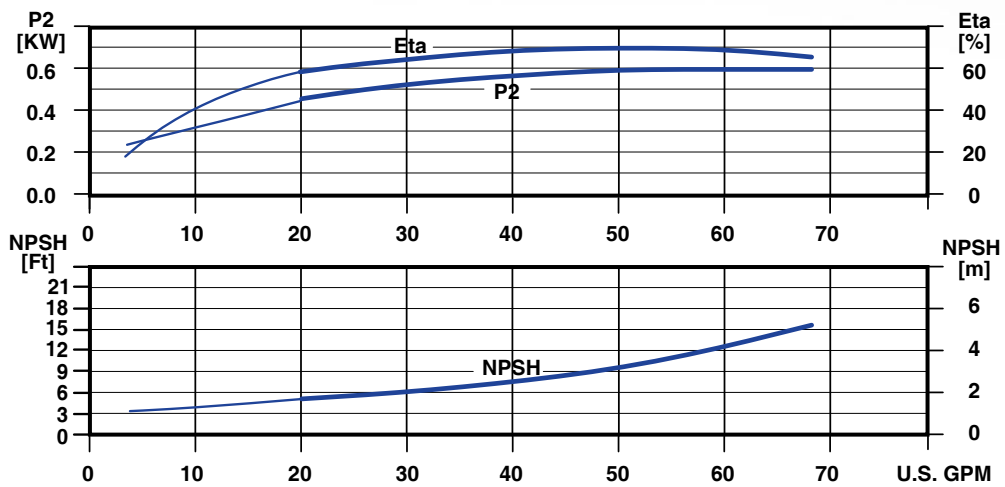
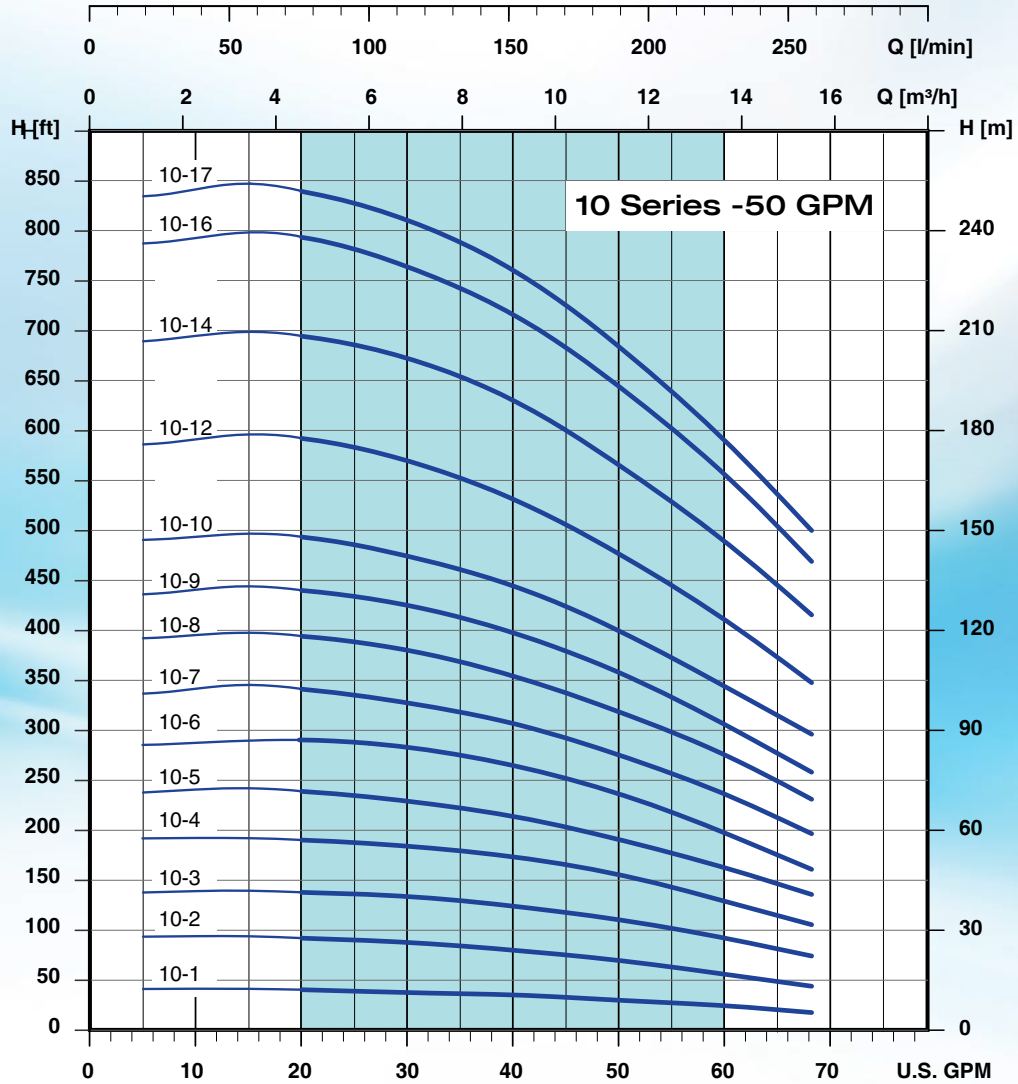


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 10-3	1	80A	14.1	357	55.9	25.3
VPS 10-3	2	90S	14.7	373	62.1	28.1
VPS 10-3	3	90L	15.9	403	64.3	29.1
VPS 10-4	4	100L	17.2	438	66.1	29.9
VPS 10-5	4	100L	18.4	468	68.3	30.9
VPS 10-6	5.5	112M	19.6	498	70.5	31.9
VPS 10-7	7.5	132S	22.0	560	96.8	43.8
VPS 10-8	7.5	132S	23.2	590	99.0	44.8
VPS 10-9	7.5	132S	24.4	620	101.4	45.9
VPS 10-10	10	132S	25.6	650	103.7	46.9
VPS 10-12	10	132S	28.0	710	108.0	48.9
VPS 10-14	15	160M	33.3	847	128.6	58.2
VPS 10-16	15	160M	35.7	907	133.0	60.2
VPS 10-17	15	160M	38.1	967	135.3	61.2

All measures must be used as reference only. Values may vary according to motor model.



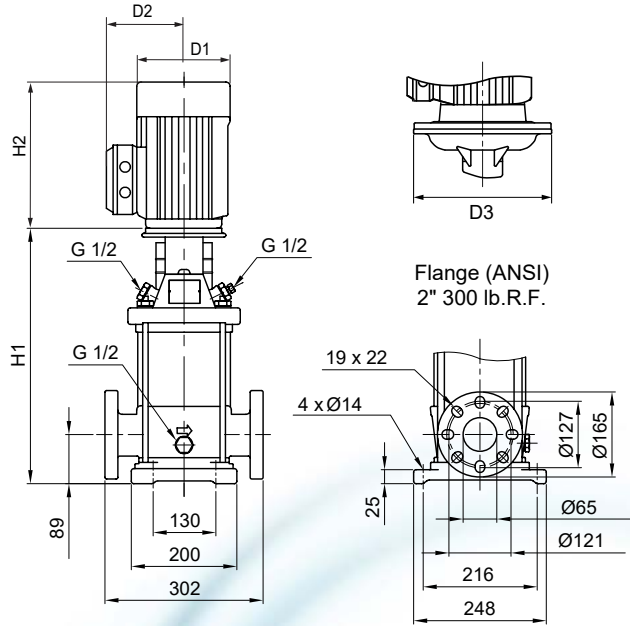
VPS 10 NEMA MOTOR BRACKET



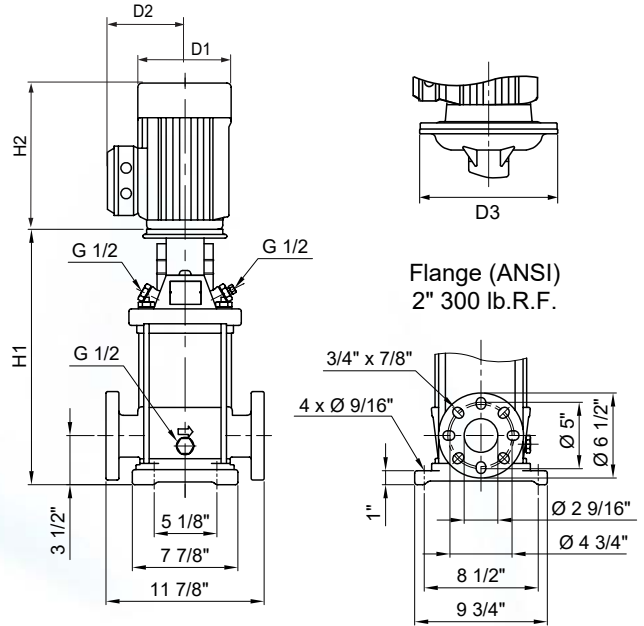
VPS 10 NEMA MOTOR BRACKET

Dimensions and weights

VPS 10 [MM]



VPS 10 [INCHES]

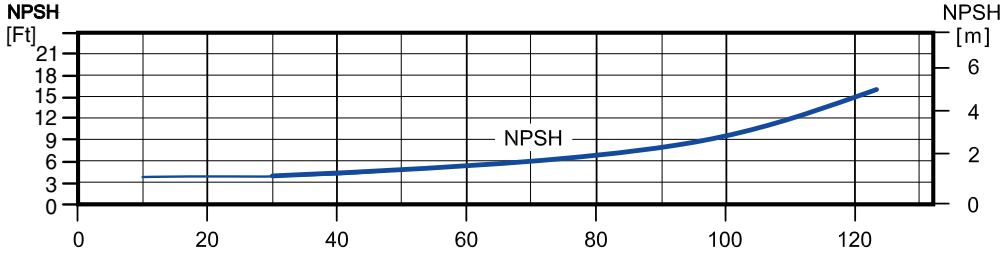
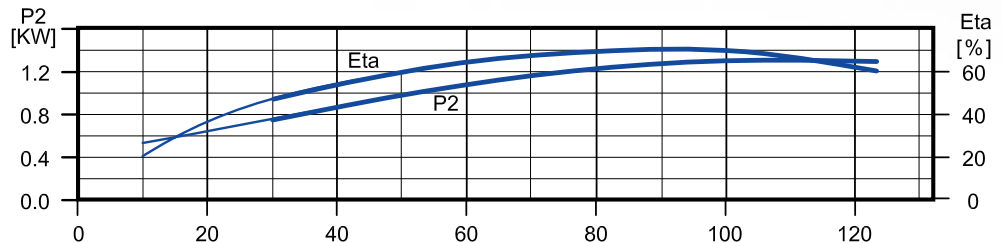
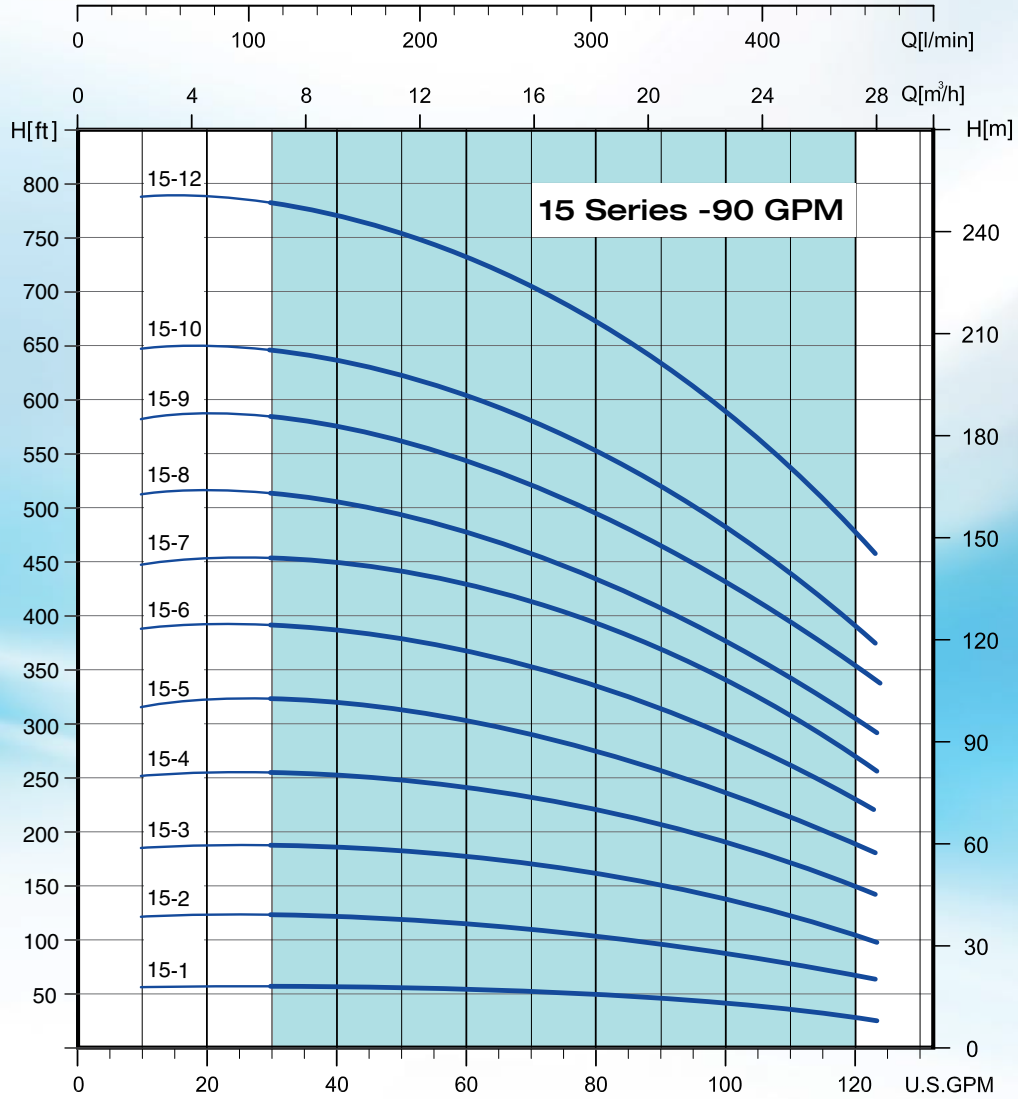


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT			
		ODP	TEFC	PUMP END	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	lbs	kg	lbs	kg	
SINGLE PHASE MOTOR																									
VPS 10-1	1	56C	56C	15.0	380	10.7	271	10.2	259	6.2	157	7.2	183	5.1	129	5.7	146	5.9	149	6.5	165	87.9	39.9	91.9	41.7
VPS 10-2	2	56C	56C	15.0	380	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	105.1	47.7	112.1	50.8
VPS 10-3	3	182TC	182TC	17.2	436	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	125.3	56.8	137.3	62.3
VPS 10-4	3	182TC	182TC	18.4	466	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	127.1	57.6	139.1	63.1
VPS 10-5	5	-	184TC	19.5	496	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	160.3	72.7
VPS 10-6	5	-	184TC	20.7	526	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	162.5	73.7
VPS 10-10	10	-	215TC	26.0	660	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	270.7	122.8
VPS 10-12	10	-	215TC	28.3	720	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	275.1	124.8
THREE PHASE MOTOR																									
VPS 10-3	3	-	182TC	17.2	436	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	114.3	51.9
VPS 10-4	3	-	182TC	18.4	466	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	116.1	52.7
VPS 10-5	5	182TC	184TC	19.5	496	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	132.3	60.0	143.3	65.0
VPS 10-6	5	182TC	184TC	20.7	526	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	134.5	61.0	145.5	66.0
VPS 10-7	7.5	-	213TC	21.3	540	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	192.8	87.5
VPS 10-8	7.5	-	213TC	23.6	600	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	195.0	88.5
VPS 10-9	7.5	-	213TC	24.8	630	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	197.4	89.6
VPS 10-10	10	213TC	215TC	26.0	660	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	224.7	101.9	228.7	103.7
VPS 10-12	10	213TC	215TC	28.3	720	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	229.1	103.9	233.1	105.7
VPS 10-14	15	-	254TC	30.0	762	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	353.6	160.4
VPS 10-16	15	-	254TC	35.7	907	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	358.0	162.4
VPS 10-17	15	-	254TC	38.1	967	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	360.3	163.4

All measures must be used as reference only. Values may vary according to motor model.



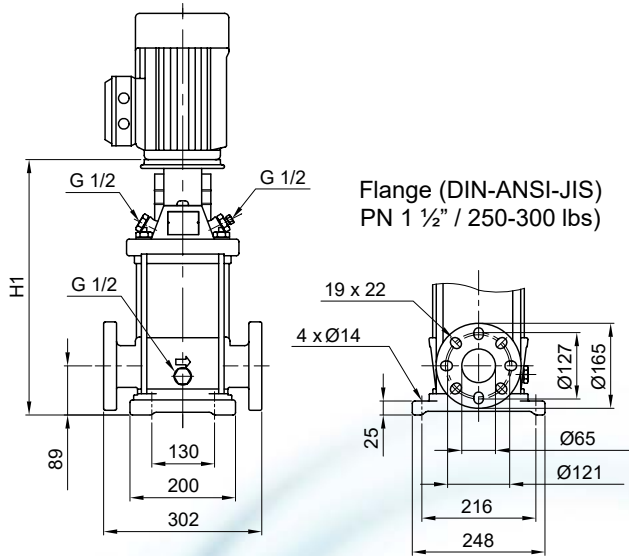
VPS 15 IEC MOTOR BRACKET



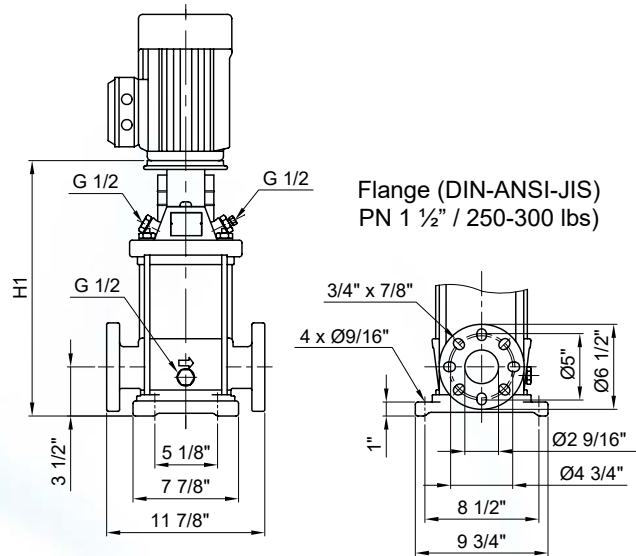
VPS 15 IEC MOTOR BRACKET

Dimensions and weights

VPS 15 [MM]



VPS 15 [INCHES]

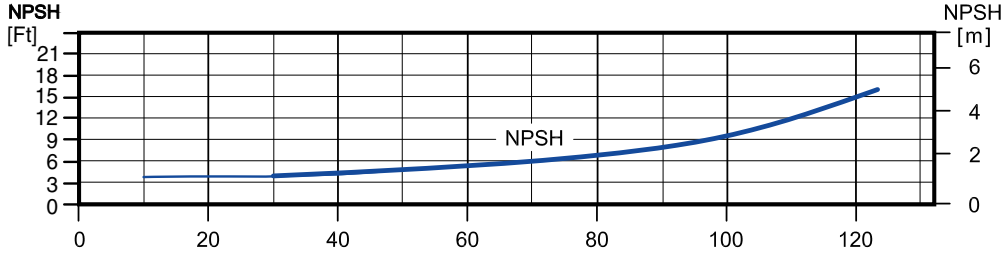
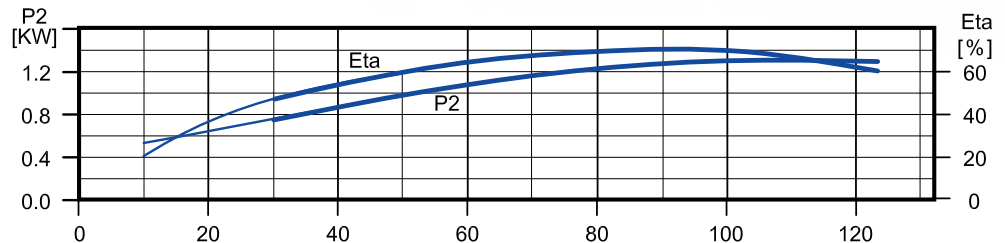
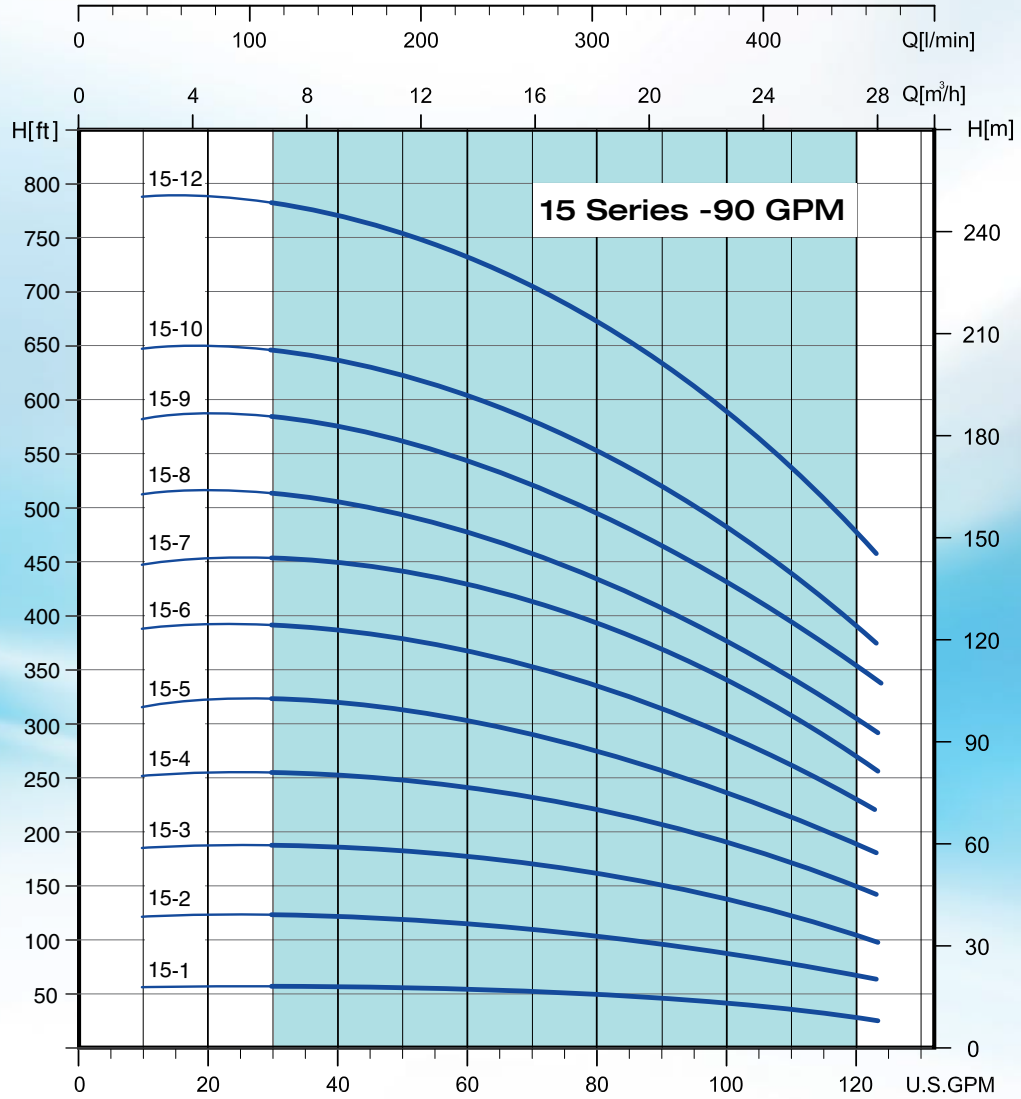


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 15-1	2	90S	16.3	413	64.1	29
VPS 15-2	4	100L	16.5	418	65.4	29.6
VPS 15-3	5.5	112M	18.2	463	68.5	31
VPS 15-4	7.5	132S	21.3	540	95.7	43.3
VPS 15-5	10	132S	23.0	585	98.8	44.7
VPS 15-6	15	160M	27.8	707	117.8	53.3
VPS 15-7	15	160M	29.6	752	120.9	54.7
VPS 15-8	15	160M	31.4	797	124.0	56.1
VPS 15-9	20	160M	33.1	842	127.1	57.5
VPS 15-10	20	160M	34.9	887	130.2	58.9
VPS 15-12	25	160L	38.5	977	136.4	61.7

All measures must be used as reference only. Values may vary according to motor model.



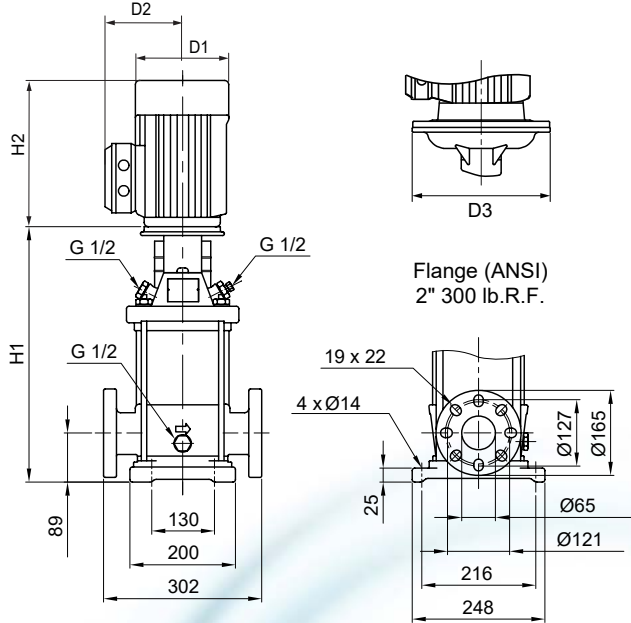
VPS 15 NEMA MOTOR BRACKET



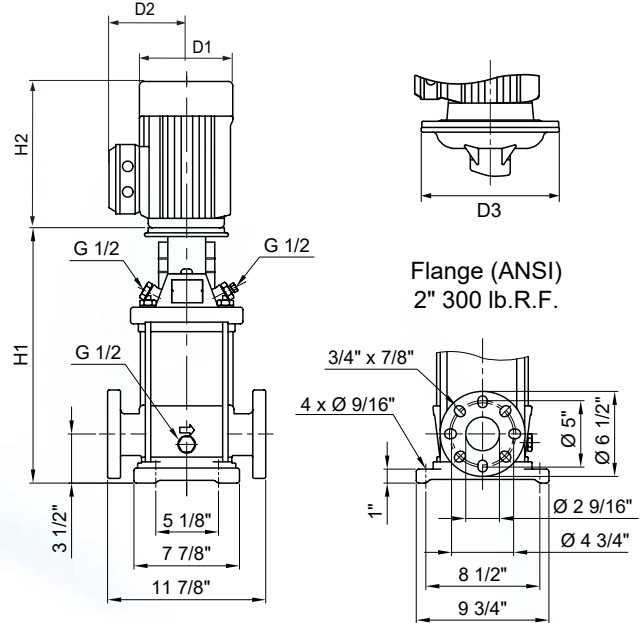
VPS 15 NEMA MOTOR BRACKET

Dimensions and weights

VPS 15 [MM]



VPS 15 [INCHES]

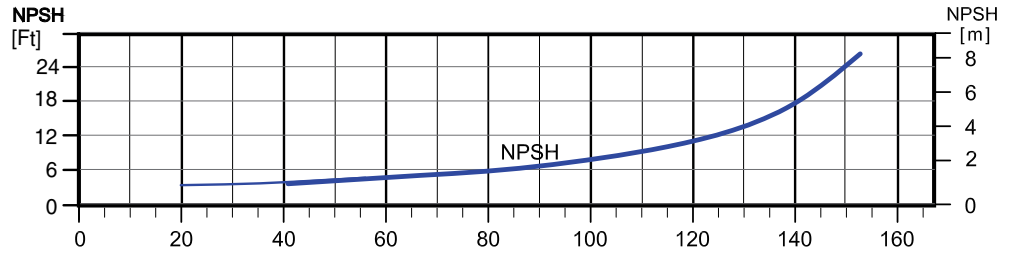
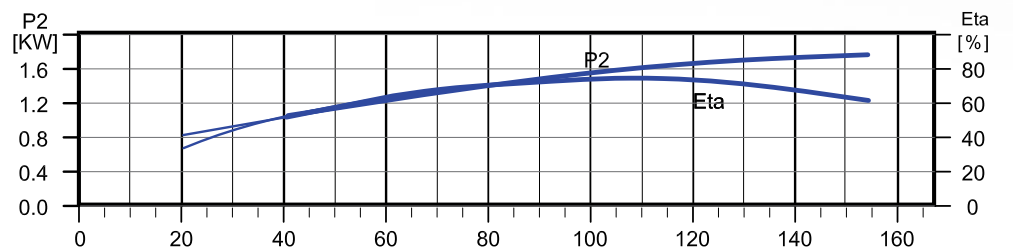
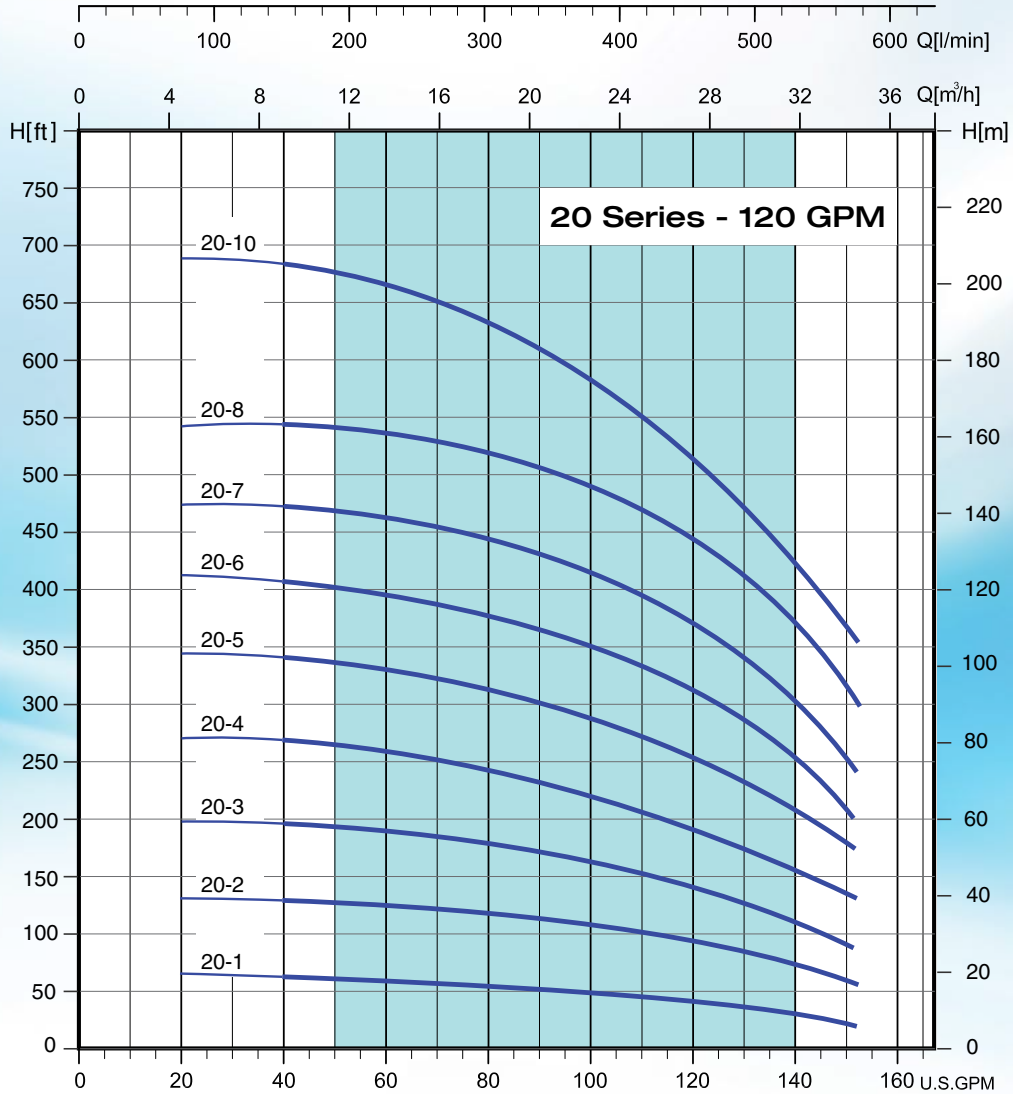


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		D1		D2		D3		NET WEIGHT											
		ODP	TEFC	PUMP END	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC									
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg						
SINGLE PHASE MOTOR																									
VPS 15-1	2	56C	56C	16.1	409	11.2	283	12.1	306	7.2	183	7.2	183	5.6	142	5.7	146	5.9	149	6.5	165	107.1	48.6	114.1	51.8
VPS 15-2	5	-	184TC	17.1	435	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	157.4	71.4
VPS 15-3	5	-	184TC	18.3	465	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	160.5	72.8
VPS 15-5	10	-	215TC	23.0	584	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	265.8	120.6
THREE PHASE MOTOR																									
VPS 15-2	5	182TC	184TC	17.1	435	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	129.4	58.7	140.4	63.7
VPS 15-3	5	182TC	184TC	18.3	465	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	132.5	60.1	143.5	65.1
VPS 15-4	7.5	-	213TC	21.2	539	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	191.7	86.9
VPS 15-5	10	213TC	215TC	23.0	584	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	219.8	99.7	223.8	101.5
VPS 15-6	15	-	254TC	24.1	611	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	342.8	155.5
VPS 15-7	15	-	254TC	29.2	741	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	345.9	156.9
VPS 15-8	15	-	254TC	30.9	786	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	349.0	158.3
VPS 15-9	20	254TC	256TC	32.7	831	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	317.1	143.8	356.1	161.5
VPS 15-10	20	254TC	256TC	34.5	876	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	320.2	145.2	359.2	162.9
VPS 15-12	25	-	284TSC	37.3	946	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	459.4	208.4

All measures must be used as reference only. Values may vary according to motor model.



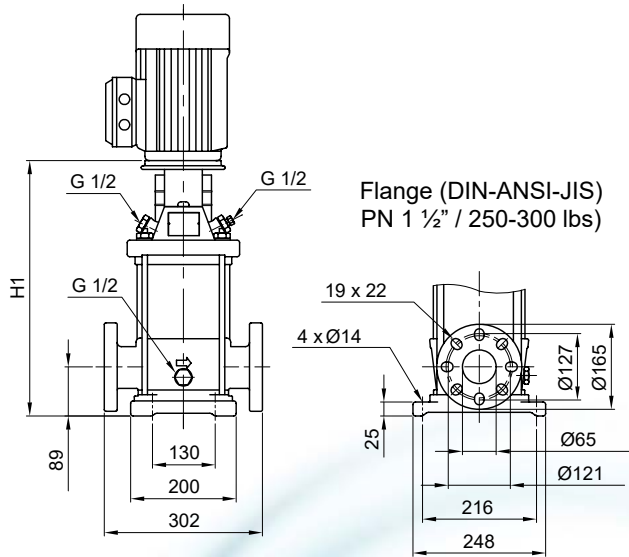
VPS 20 IEC MOTOR BRACKET



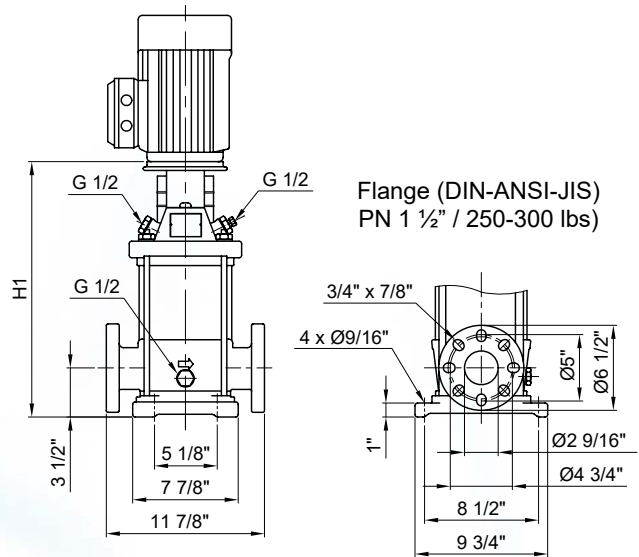
VPS 20 IEC MOTOR BRACKET

Dimensions and weights

VPS 20 [MM]



VPS 20 [INCHES]

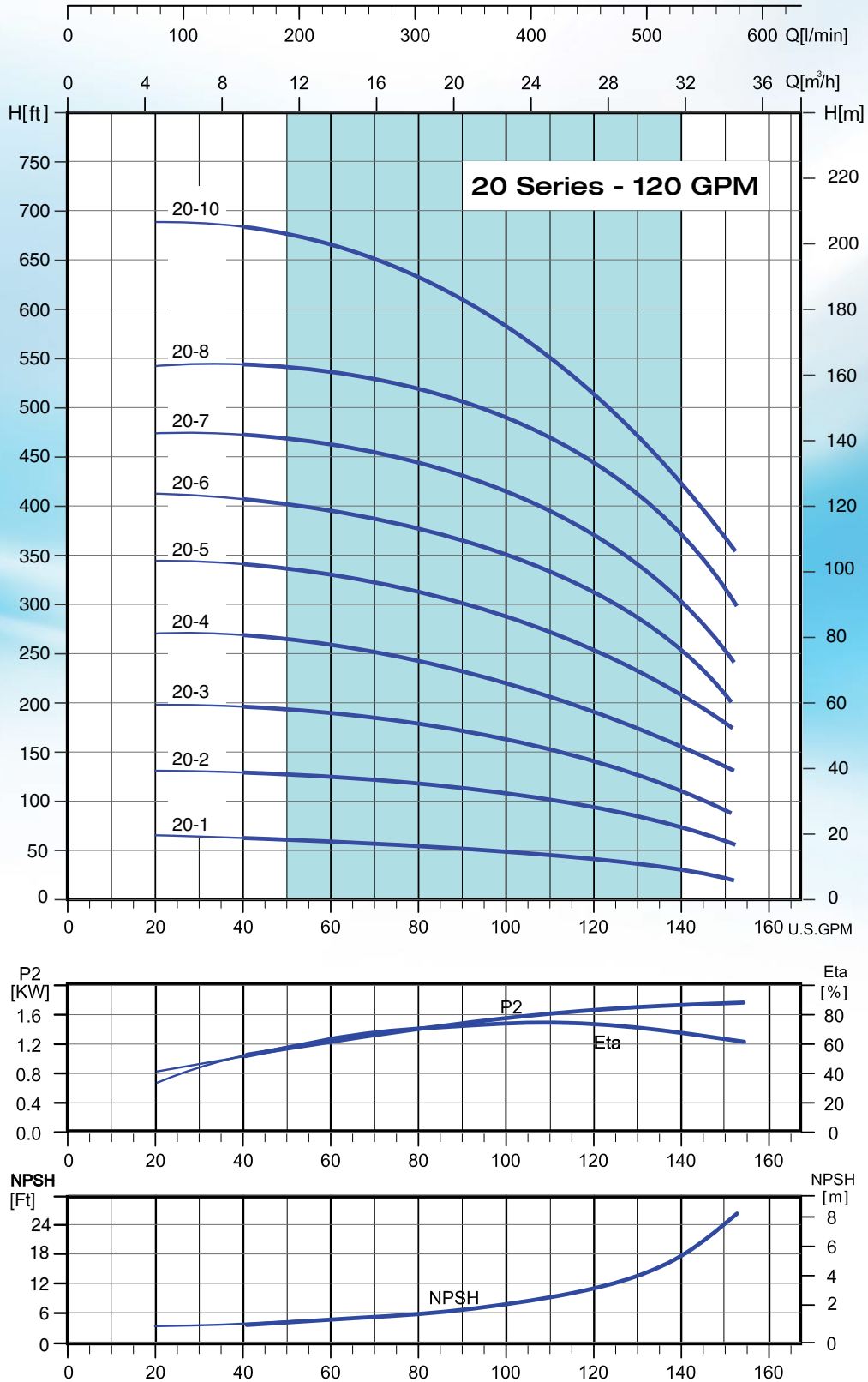


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 20-1	3	90L	16.3	415	64.1	29.0
VPS 20-2	5.5	112M	16.5	420	65.4	29.6
VPS 20-3	7.5	132S	19.6	497	91.9	41.6
VPS 20-4	10	132S	21.3	542	95.7	43.3
VPS 20-5	15	160M	26.1	664	114.7	51.9
VPS 20-6	15	160M	27.9	709	117.8	53.3
VPS 20-7	20	160M	29.7	754	120.9	54.7
VPS 20-8	20	160M	31.5	799	124.0	56.1
VPS 20-10	25	160L	35.0	889	130.2	58.9

All measures must be used as reference only. Values may vary according to motor model.

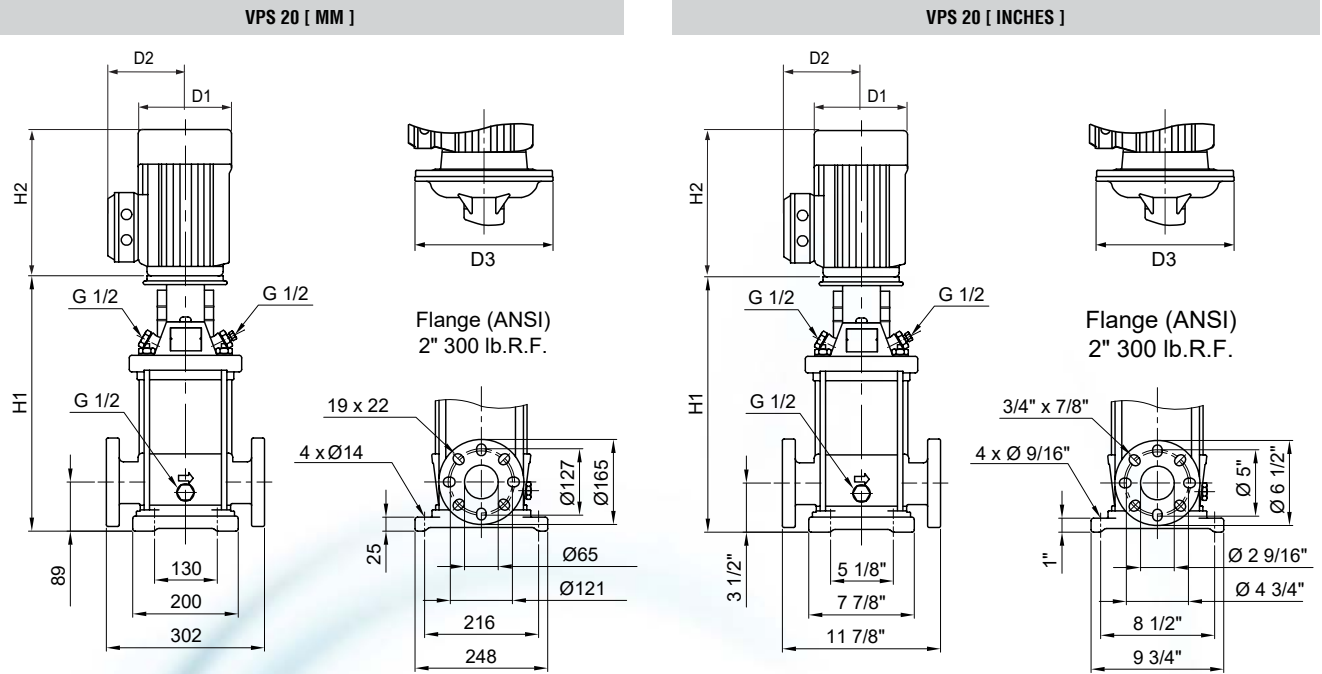


VPS 20 NEMA MOTOR BRACKET



VPS 20 NEMA MOTOR BRACKET

Dimensions and weights

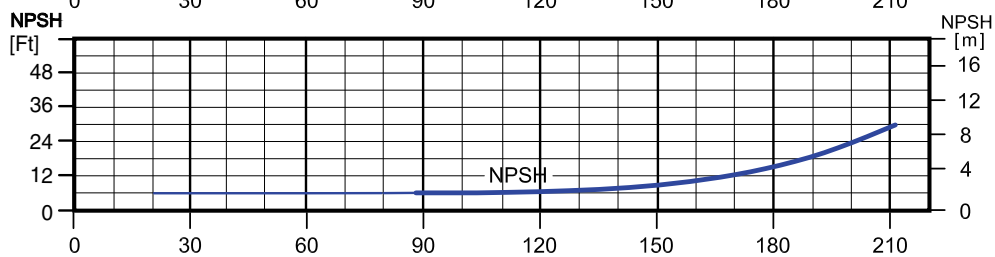
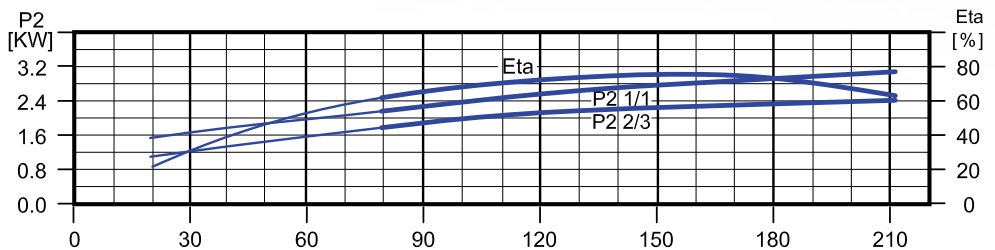
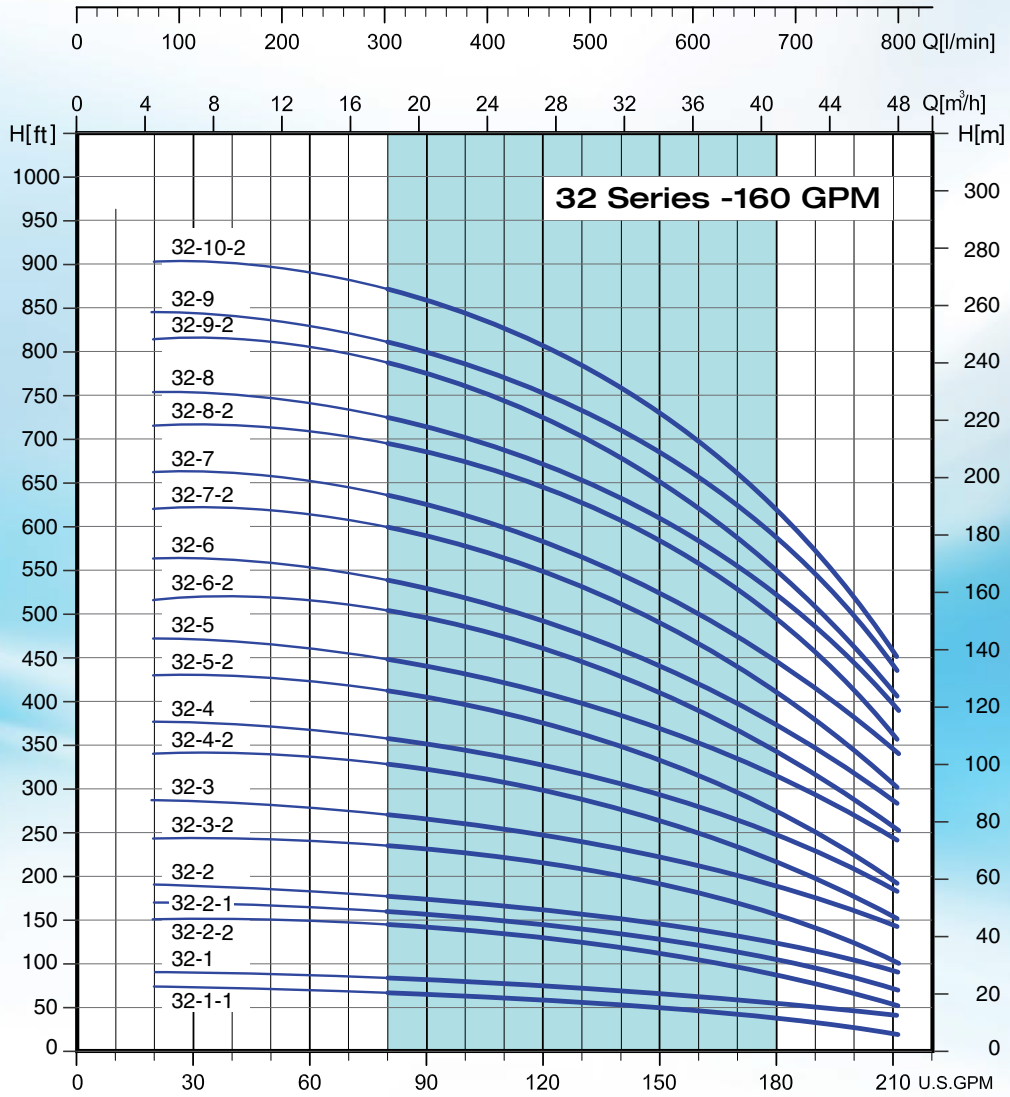


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS														NET WEIGHT		NET WEIGHT					
				H1		H2		D1		D2		D3		D3		ODP	TEFC					ODP	TEFC		
		ODP	TEFC	PUMP END	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	lbs	kg	lbs	kg			
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg		
SINGLE PHASE MOTOR																									
VPS 20-1	3	182TC	182TC	17.2	437	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	125.1	56.7	137.1	62.2
VPS 20-2	5	-	184TC	17.2	437	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	157.4	71.4
VPS 20-4	10	-	215TC	21.3	541	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	262.7	119.2
THREE PHASE MOTOR																									
VPS 20-1	3	-	182TC	17.2	437	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	114.1	51.8
VPS 20-2	5	182TC	184TC	17.2	437	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	129.4	58.7	140.4	63.7
VPS 20-3	7.5	-	213TC	19.5	496	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	187.9	85.2
VPS 20-4	10	213TC	215TC	21.3	541	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	216.7	98.3	220.7	100.1
VPS 20-5	15	-	254TC	25.7	653	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	339.7	154.1
VPS 20-6	15	-	254TC	27.5	697	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	342.8	155.5
VPS 20-7	20	254TC	256TC	29.2	743	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	310.9	141.0	349.9	158.7
VPS 20-8	20	254TC	256TC	31.0	788	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	314.0	142.4	353.0	160.1
VPS 20-10	25	-	284TSC	33.8	859	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	453.2	205.6

All measures must be used as reference only. Values may vary according to motor model.



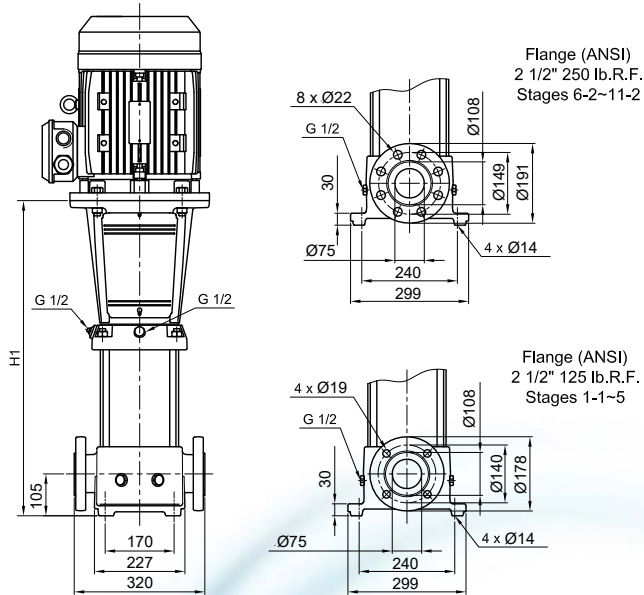
VPS 32 IEC MOTOR BRACKET



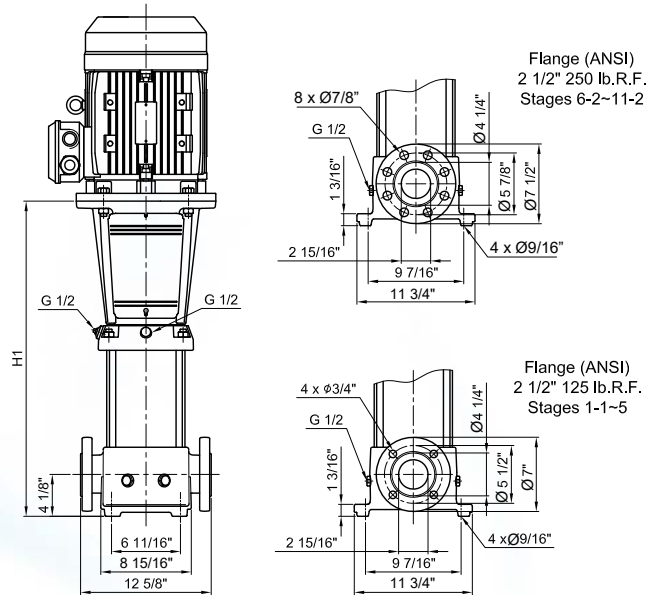
VPS 32 IEC MOTOR BRACKET

Dimensions and weights

VPS 32 [MM]



VPS 32 [INCHES]

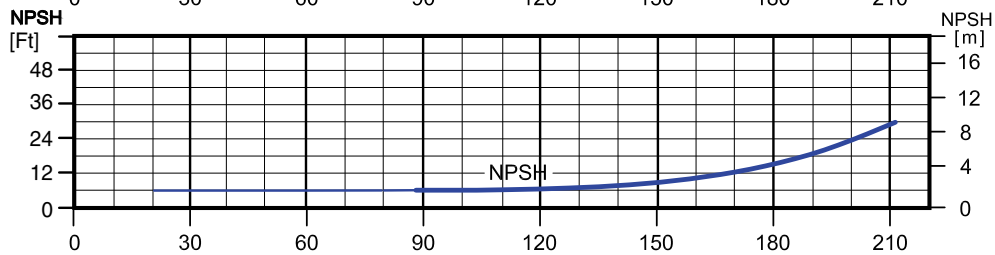
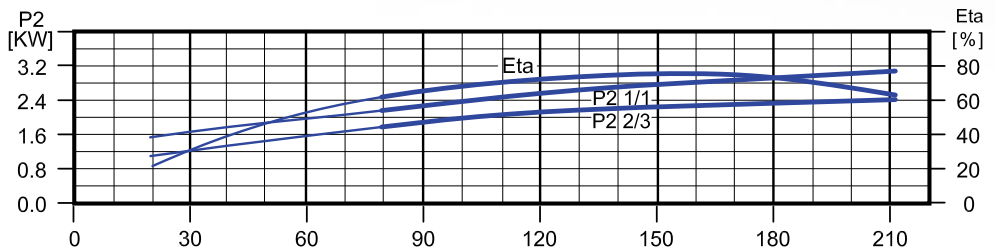
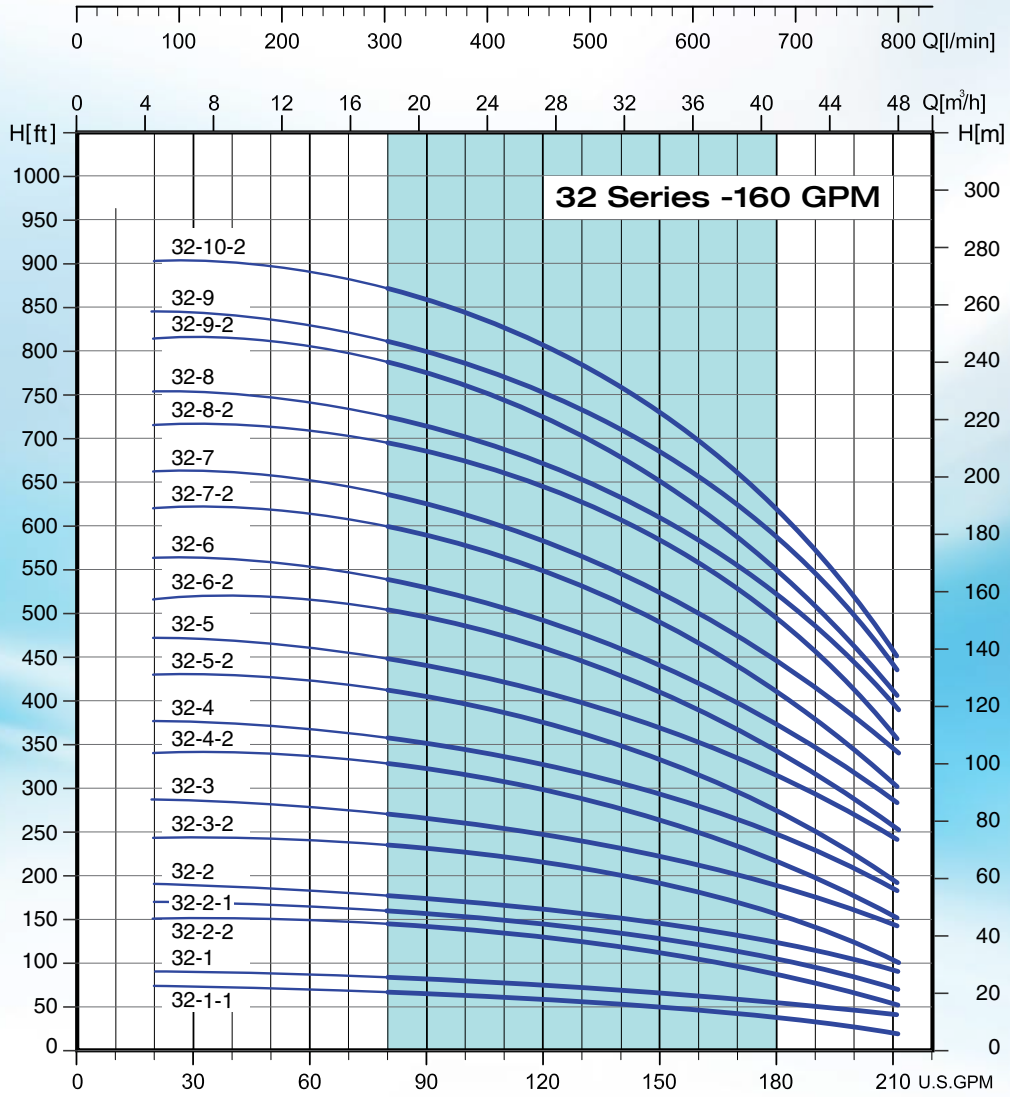


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 32-1-1	3	90L	19.8	504	105.3	47.6
VPS 32-1	4	100L	19.8	504	105.2	47.6
VPS 32-2-2	7.5	132S	22.6	574	111.6	50.5
VPS 32-2-1	7.5	132S	22.6	574	111.6	50.5
VPS 32-2	10	132S	22.6	574	111.6	50.5
VPS 32-3-2	15	160M	29.7	754	141.7	64.1
VPS 32-3	15	160M	29.7	754	141.7	64.1
VPS 32-4-2	15	160M	32.4	824	148.3	67.1
VPS 32-4	20	160M	32.4	824	148.3	67.1
VPS 32-5-2	20	160M	35.2	894	154.9	70.1
VPS 32-5	25	160L	35.2	894	155.1	70.2
VPS 32-6-2	25	160L	38.0	964	161.6	73.1
VPS 32-6	25	160L	38.0	964	161.8	73.2
VPS 32-7-2	30	180M	40.7	1034	167.7	75.9
VPS 32-7	30	180M	40.7	1034	168.0	76.0
VPS 32-8-2	40	200L	43.5	1104	199.9	90.4
VPS 32-8	40	200L	43.5	1104	199.8	90.4
VPS 32-9-	40	200L	46.2	1174	205.5	93.0
VPS 32-9	40	200L	46.2	1174	205.8	93.1
VPS 32-10-2	40	200L	49.0	1244	211.3	95.6

All measures must be used as reference only. Values may vary according to motor model.



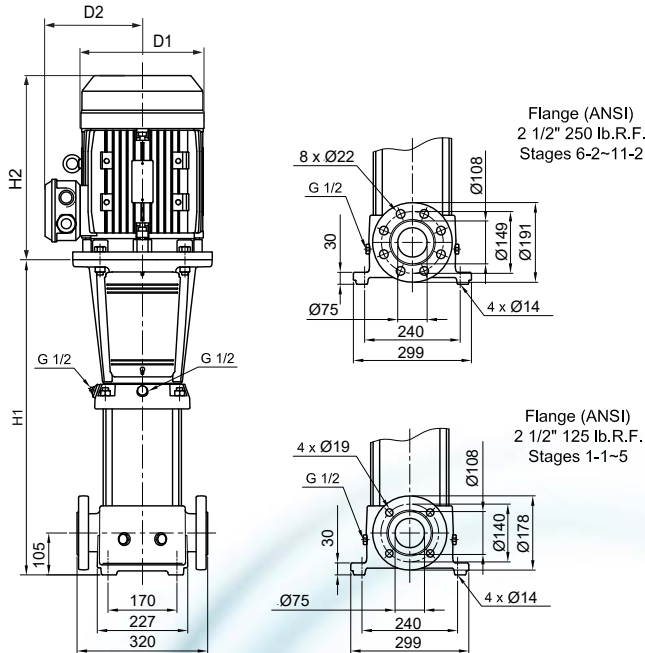
VPS 32 NEMA MOTOR BRACKET



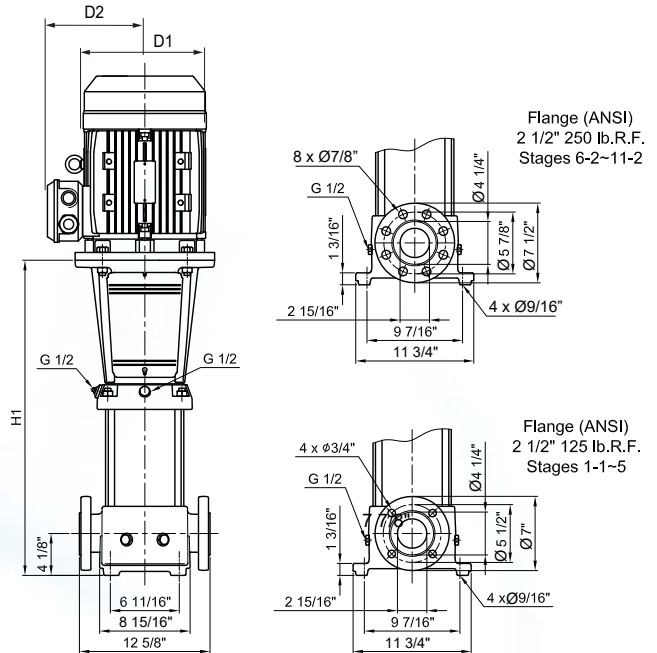
VPS 32 NEMA MOTOR BRACKET

Dimensions and weights

VPS 32 [MM]



VPS 32 [INCHES]

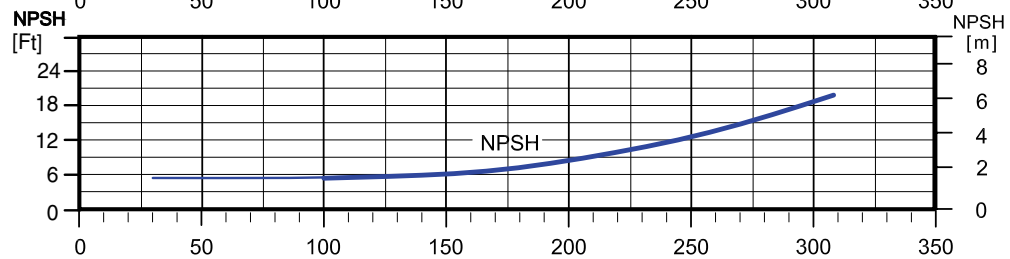
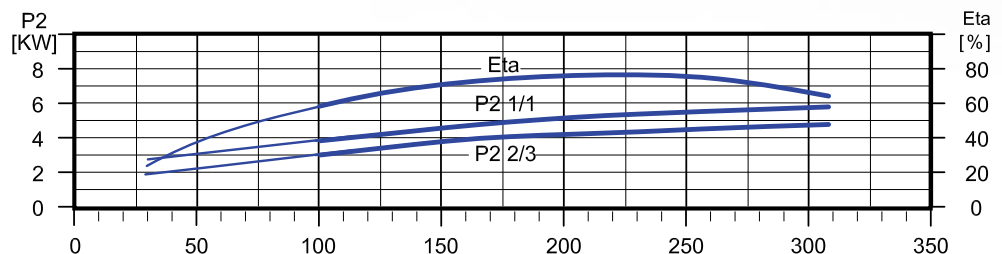
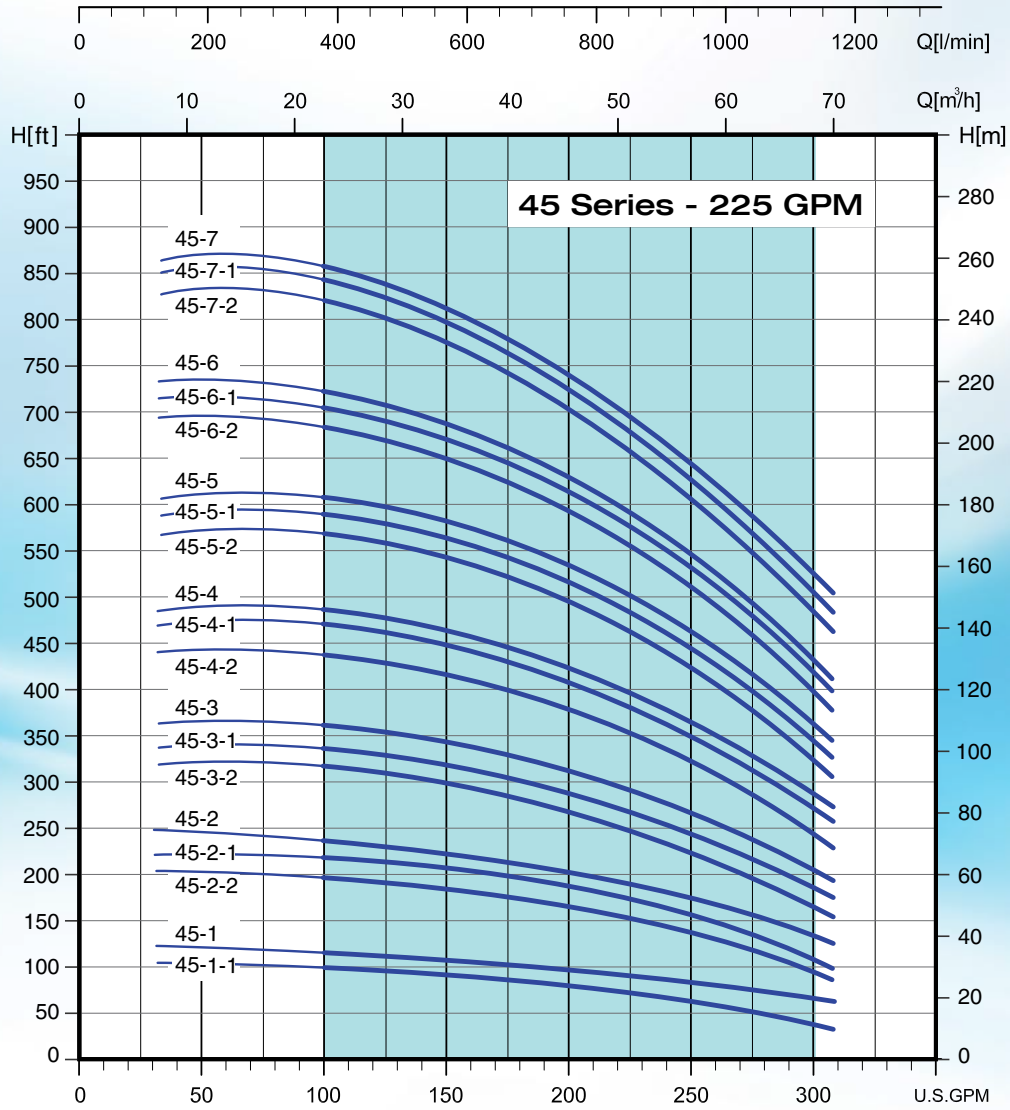


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS														NET WEIGHT		NET WEIGHT					
				H1		H2		H2		D1		D1		D2		D2						D3		D3	
		ODP	TEFC	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
SINGLE PHASE MOTOR																									
VPS 32-1-1	3	182TC	182TC	20.0	508	12.3	313	13.7	347	9.1	232	8.6	218	5.6	142	6.9	174	9.0	229	8.9	225	166.3	75.4	178.3	80.9
VPS 32-1	5	-	184TC	20.0	508	-	-	15.2	386	-	-	8.6	218	-	-	6.9	174	-	-	8.9	225	-	-	197.2	89.4
VPS 32-2-2	7.5	-	-	22.8	578	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VPS 32-2-1	7.5	-	-	22.8	578	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VPS 32-2	10	-	215TC	22.8	578	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	278.6	126.4
THREE PHASE MOTOR																									
VPS 32-1-1	3	-	182TC	20.0	508	-	-	12.4	316	-	-	7.2	183	-	-	5.7	145	-	-	8.9	226	-	-	155.3	70.4
VPS 32-1	5	182TC	184TC	20.0	508	13.7	347	13.7	347	9.1	232	8.5	216	5.6	143	6.9	174	9.0	229	8.9	225	169.2	76.7	180.2	81.7
VPS 32-2-2	7.5	-	213TC	22.8	578	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	207.6	94.2
VPS 32-2-1	7.5	-	213TC	22.8	578	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	207.6	94.2
VPS 32-2	10	213TC	215TC	22.8	578	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	232.6	105.5	236.6	107.3
VPS 32-3-2	15	-	254TC	25.5	648	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	366.7	166.3
VPS 32-3	15	-	254TC	29.7	753	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	366.7	166.3
VPS 32-4-2	15	-	254TC	32.4	823	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	373.3	169.3
VPS 32-4	20	254TC	256TC	32.4	823	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	338.3	153.4	377.3	171.1
VPS 32-5-2	20	254TC	256TC	35.2	893	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	344.9	156.5	383.9	174.1
VPS 32-5	25	-	284TSC	35.2	893	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	478.1	216.9
VPS 32-6-2	25	-	284TSC	37.9	963	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	484.6	219.8
VPS 32-6	25	-	284TSC	37.9	963	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	484.8	219.9
VPS 32-7-2	30	284TSC	286TSC	40.7	1033	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	492.7	223.5	560.7	254.3
VPS 32-7	30	284TSC	286TSC	40.7	1033	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	493.0	223.6	561.0	254.4

All measures must be used as reference only. Values may vary according to motor model.

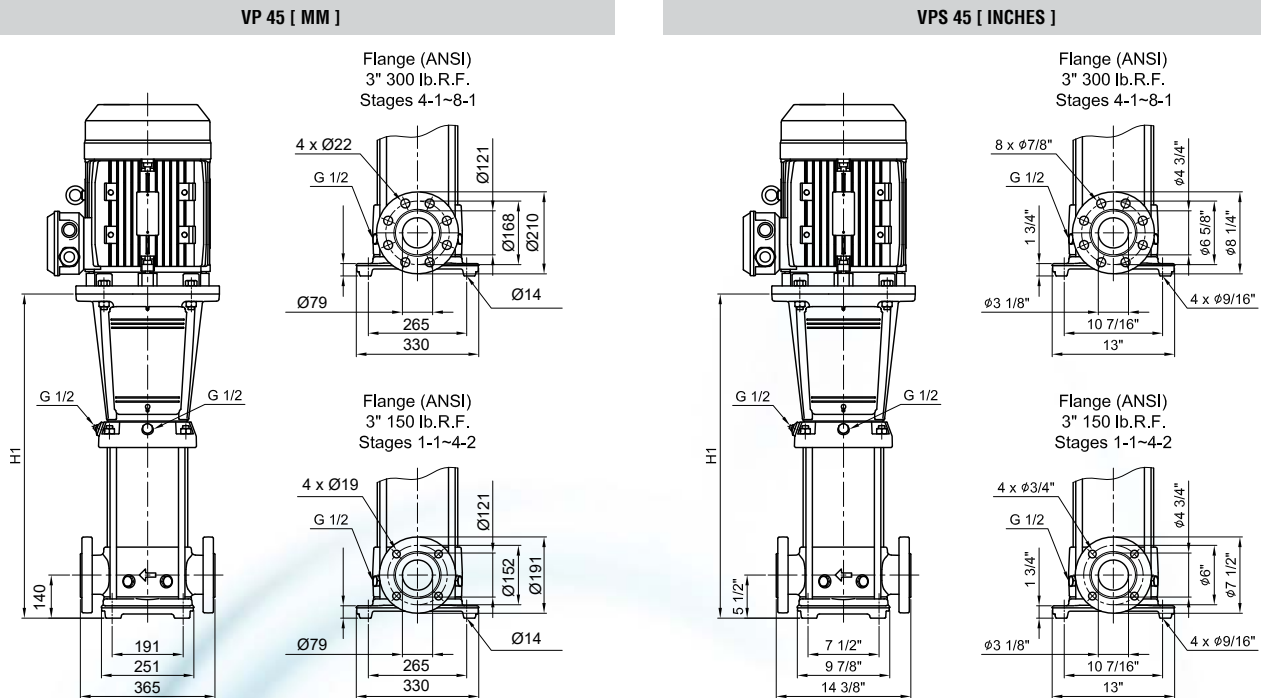


VPS 45 IEC MOTOR BRACKET



VPS 45 IEC MOTOR BRACKET

Dimensions and weights

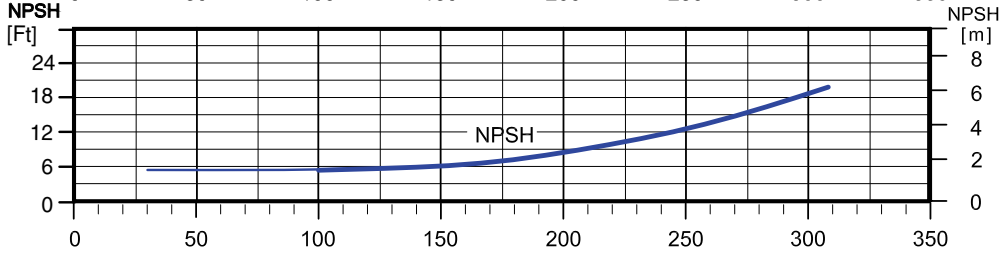
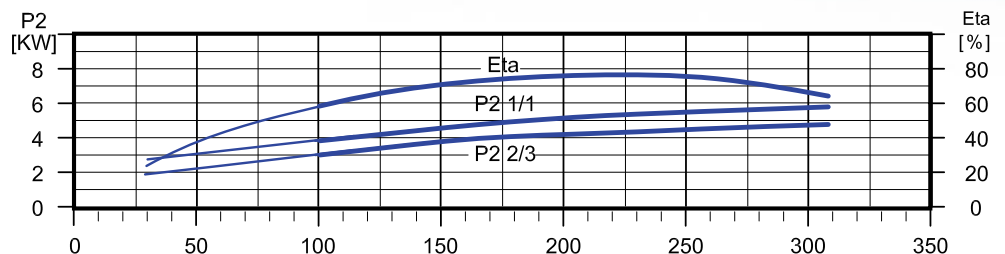
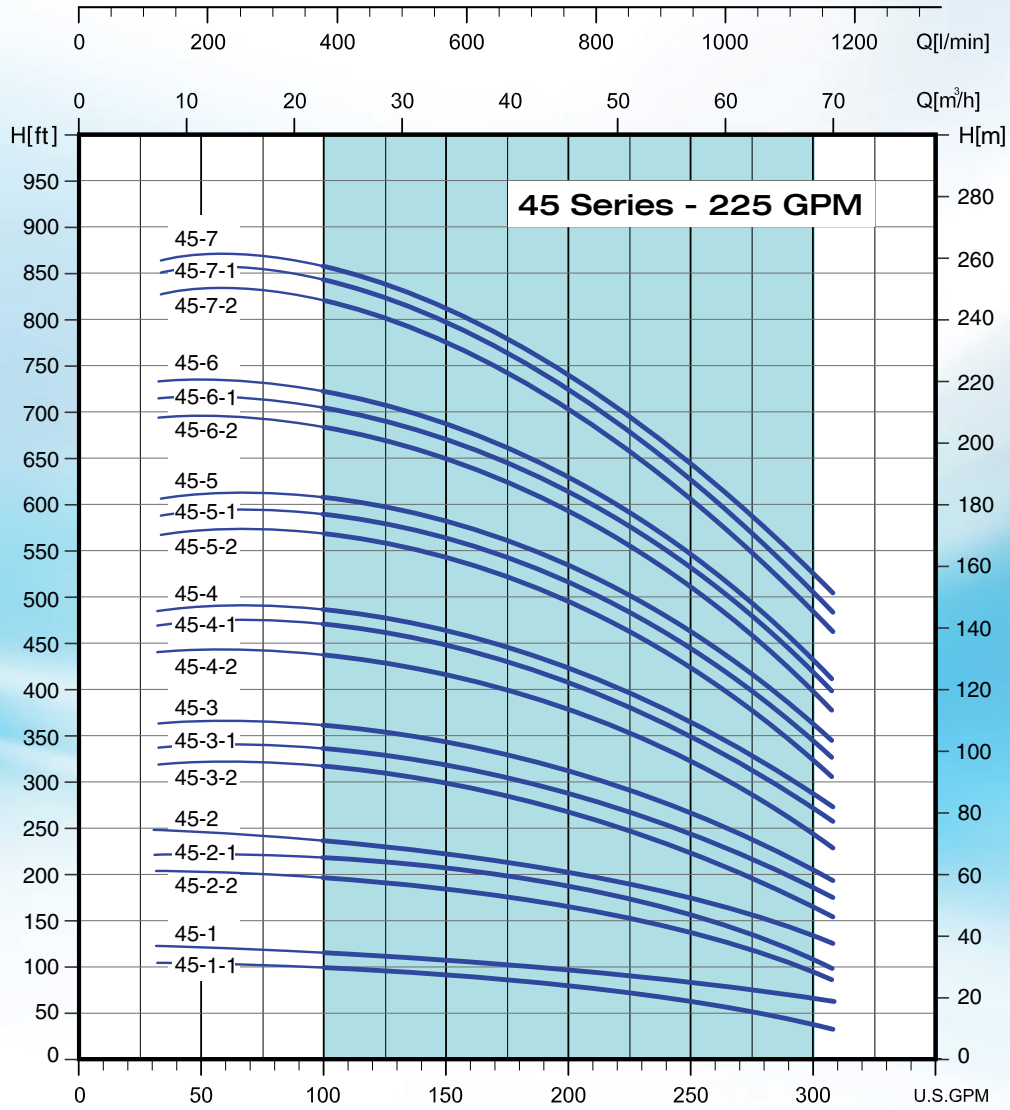


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 45-1-1	7.5	132S	22.0	559	119.6	54.1
VPS 45-1	10	132S	22.0	559	119.7	54.1
VPS 45-2-2	15	160M	29.5	749	151.1	68.4
VPS 45-2-1	15	160M	29.5	749	151.1	68.4
VPS 45-2	20	160M	29.5	749	151.1	68.4
VPS 45-3-2	25	160L	32.6	829	159.2	72.0
VPS 45-3-1	25	160L	32.6	829	159.2	72.1
VPS 45-3	25	160L	32.6	829	159.3	72.1
VPS 45-4-2	30	180M	35.8	909	166.8	75.5
VPS 45-4-1	40	200L	35.8	909	191.7	86.7
VPS 45-4	40	200L	35.8	909	191.7	86.7
VPS 45-5-2	40	200L	38.9	989	199.7	90.4
VPS 45-5-1	40	200L	38.9	989	199.8	90.4
VPS 45-5	40	200L	38.9	989	199.8	90.4
VPS 45-6-2	50	200L	42.1	1069	207.9	94.1
VPS 45-6-1	50	200L	42.1	1069	207.9	94.1
VPS 45-6	50	200L	42.1	1069	207.9	94.1
VPS 45-7-2	60	225M	45.2	1149	222.6	100.7
VPS 45-7-1	60	225M	45.2	1149	222.6	100.7
VPS 45-7	60	225M	45.2	1149	222.6	100.7

All measures must be used as reference only. Values may vary according to motor model.

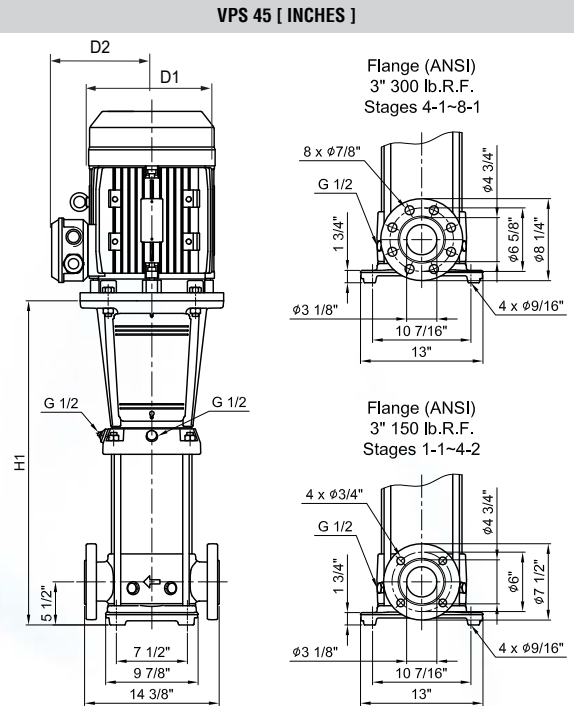
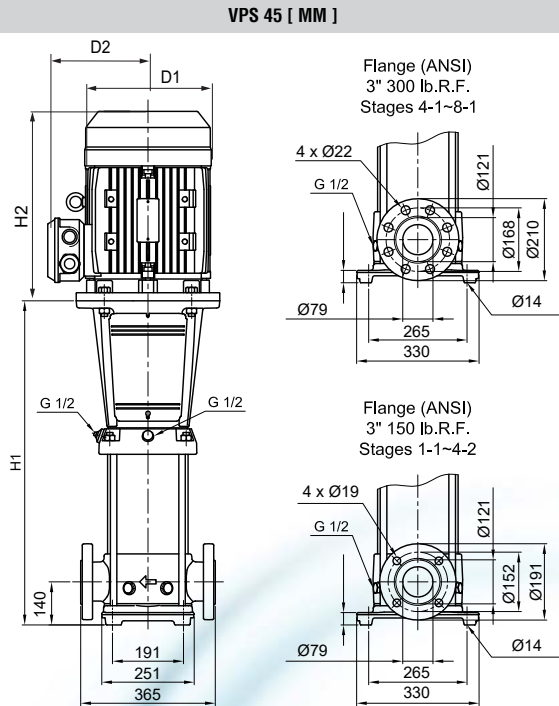


VPS 45 NEMA MOTOR BRACKET



VPS 45 NEMA MOTOR BRACKET

Dimensions and weights

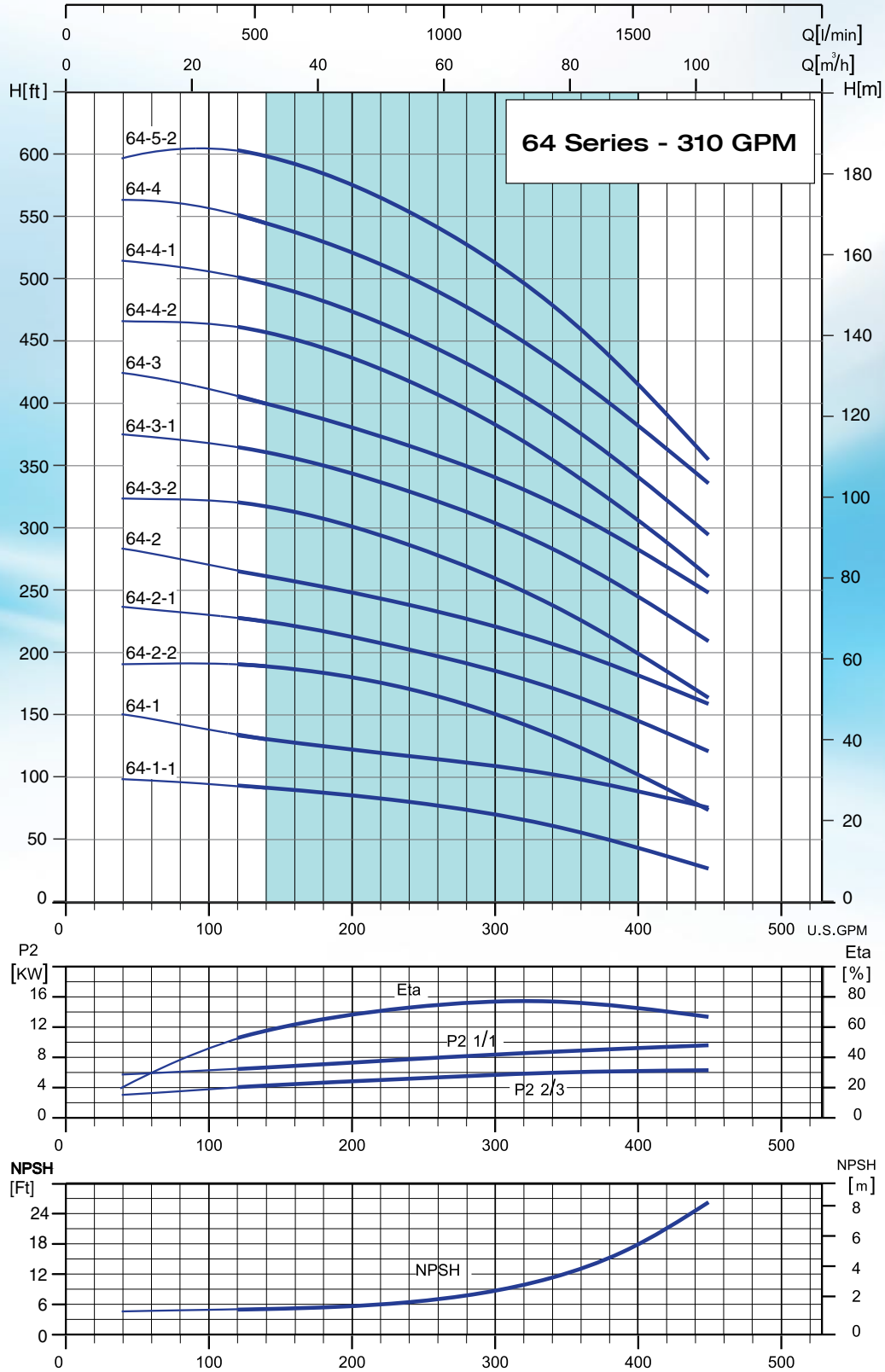


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		D1		D2		D3		NET WEIGHT											
		ODP	TEFC	PUMP END	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC	ODP	TEFC									
SINGLE PHASE MOTOR																									
VPS 45-1	10	-	215TC	22.2	564	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	286.7	130.0
THREE PHASE MOTOR																									
VPS 45-1-1	7.5	-	213TC	22.2	564	-	-	15.2	386	-	-	8.6	218	-	-	5.9	150	-	-	8.9	226	-	-	215.6	97.8
VPS 45-1	10	213TC	215TC	22.2	564	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	240.7	109.2	244.7	111.0
VPS 45-2-2	15	-	254TC	29.5	749	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	376.1	170.6
VPS 45-2-1	15	-	254TC	29.5	749	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	376.1	170.6
VPS 45-2	20	254TC	256TC	29.5	749	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	341.1	154.7	380.1	172.4
VPS 45-3-2	25	-	284TSC	32.6	829	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	482.2	218.7
VPS 45-3-1	25	-	284TSC	32.6	829	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	482.2	218.7
VPS 45-3	25	-	284TSC	32.6	829	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	482.3	218.7
VPS 45-4-2	30	284TSC	286TSC	35.8	909	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	491.8	223.1	559.8	253.9
VPS 45-6-2	50	324TSC	326TSC	42.1	1069	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	676.9	307.0	785.9	356.5
VPS 45-6-1	50	324TSC	326TSC	0.0	0	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	676.9	307.0	785.9	356.5
VPS 45-6	50	324TSC	326TSC	42.1	1069	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	676.9	307.0	785.9	356.5
VPS 45-7-2	60	326TSC	364TSC	45.2	1149	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	680.6	308.7	1,052.6	477.4
VPS 45-7-1	60	326TSC	364TSC	0.0	0	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	680.6	308.7	1,052.6	477.5
VPS 45-7	60	326TSC	364TSC	45.2	1149	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	680.6	308.7	1,052.6	477.5
VPS 45-8-1	60	326TSC	364TSC	48.4	1229	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	458.0	207.7	830.0	376.5

All measures must be used as reference only. Values may vary according to motor model.

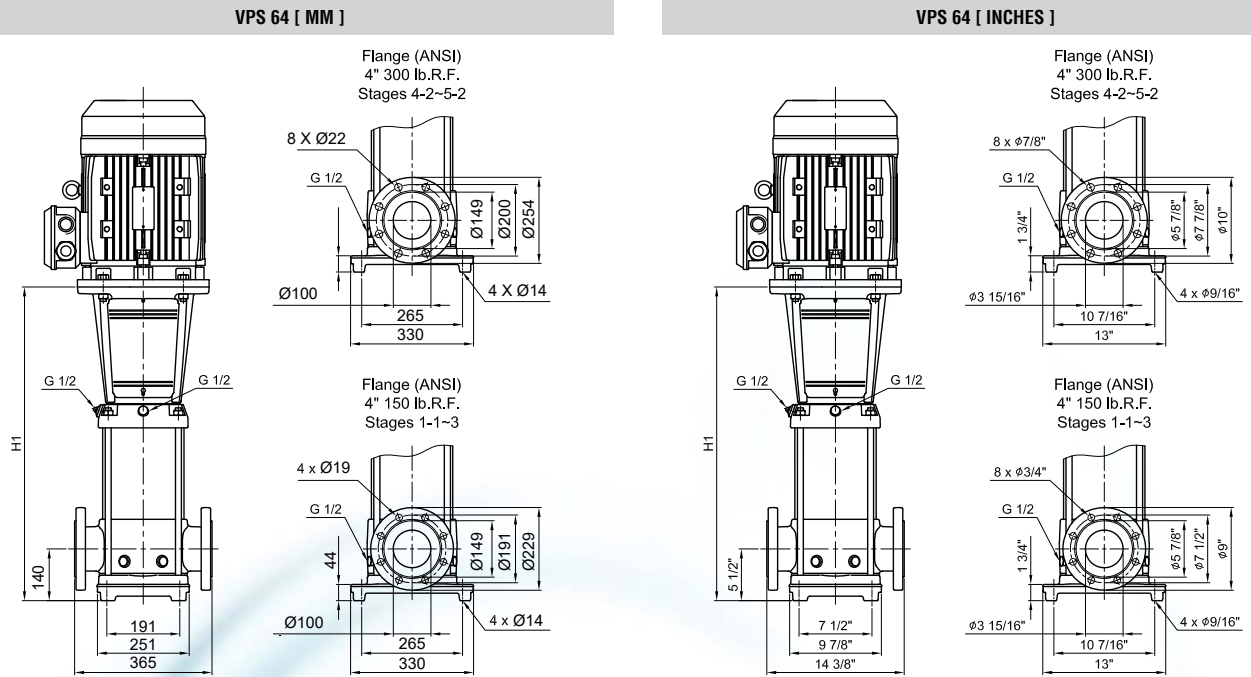


VPS 64 IEC MOTOR BRACKET



VPS 64 IEC MOTOR BRACKET

Dimensions and weights

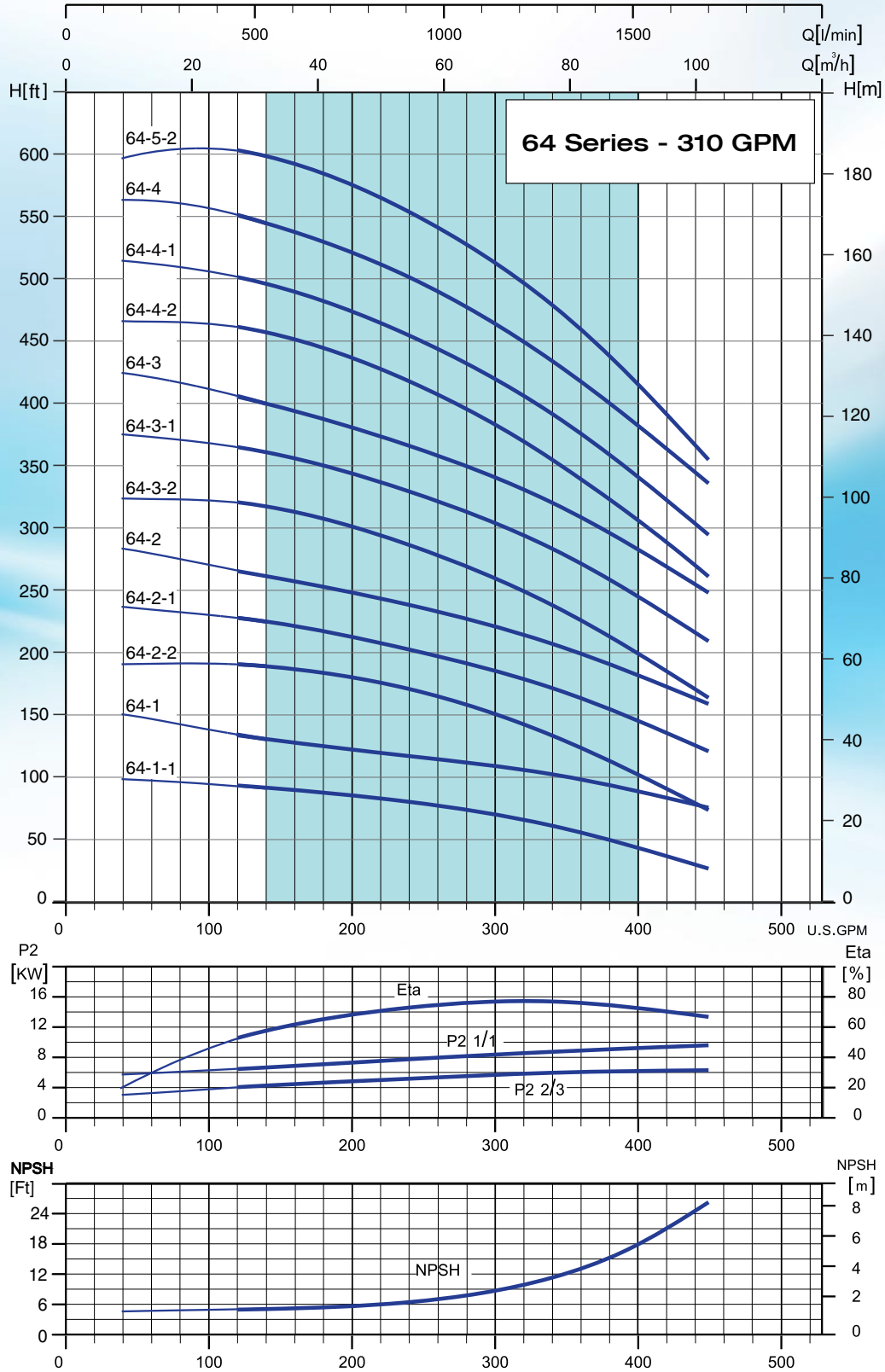


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 64-1-1	10	132S	22.2	563	110.1	49.8
VPS 64-1	15	160M	26.5	673	133.5	60.4
VPS 64-2-2	20	160M	29.8	756	142.2	64.3
VPS 64-2-1	25	160L	29.8	756	142.2	64.3
VPS 64-2	30	180M	29.8	756	141.6	64.1
VPS 64-3-2	30	180M	33.0	838	150.5	68.1
VPS 64-3-1	40	200L	33.0	838	175.3	79.3
VPS 64-3	40	200L	33.0	838	175.3	79.3
VPS 64-4-2	50	200L	36.3	921	183.9	83.2
VPS 64-4-1	50	200L	36.3	921	183.9	83.2
VPS 64-4	60	225M	36.4	925	190.5	86.2
VPS 64-5-2	60	225M	39.6	1007	190.3	86.1

All measures must be used as reference only. Values may vary according to motor model.



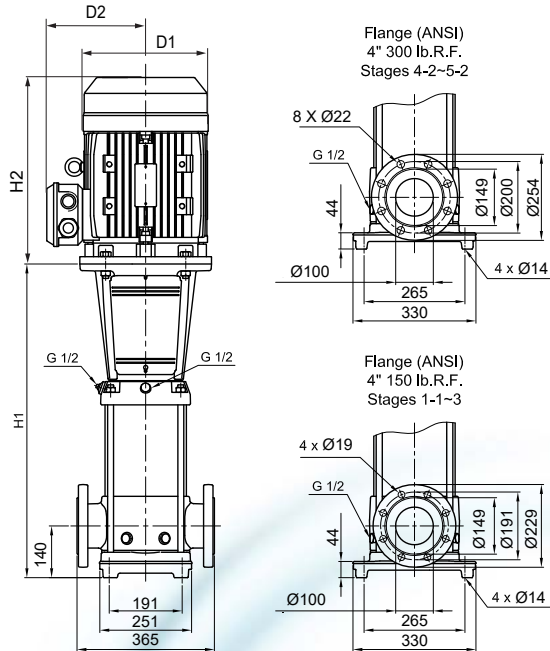
VPS 64 NEMA MOTOR BRACKET



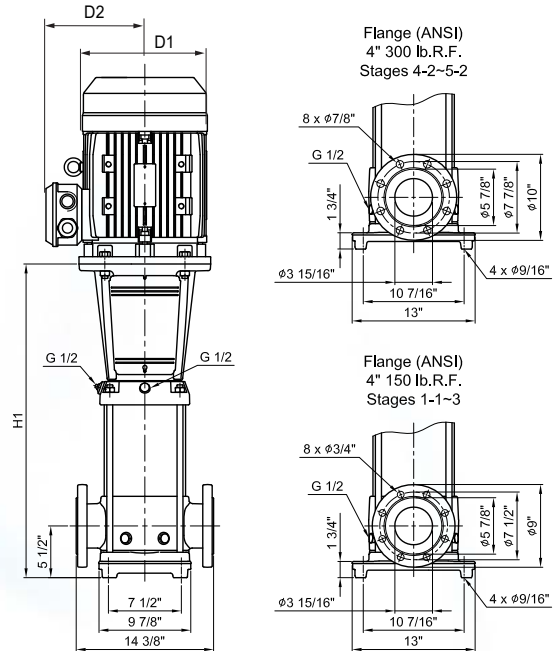
VPS 64 NEMA MOTOR BRACKET

Dimensions and weights

VPS 64 [MM]



VPS 64 [INCHES]

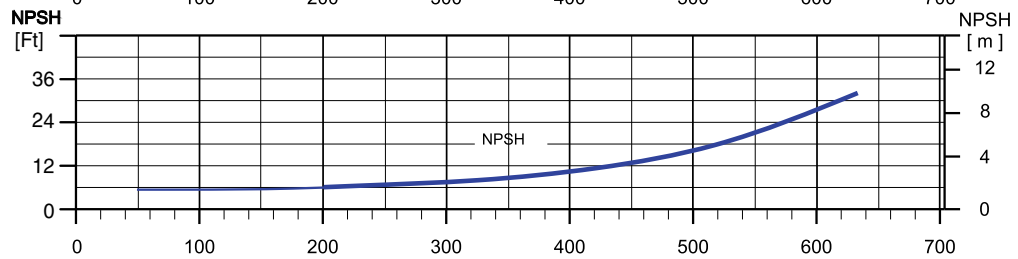
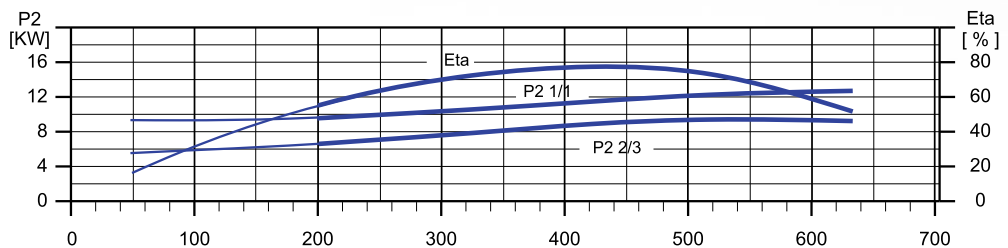
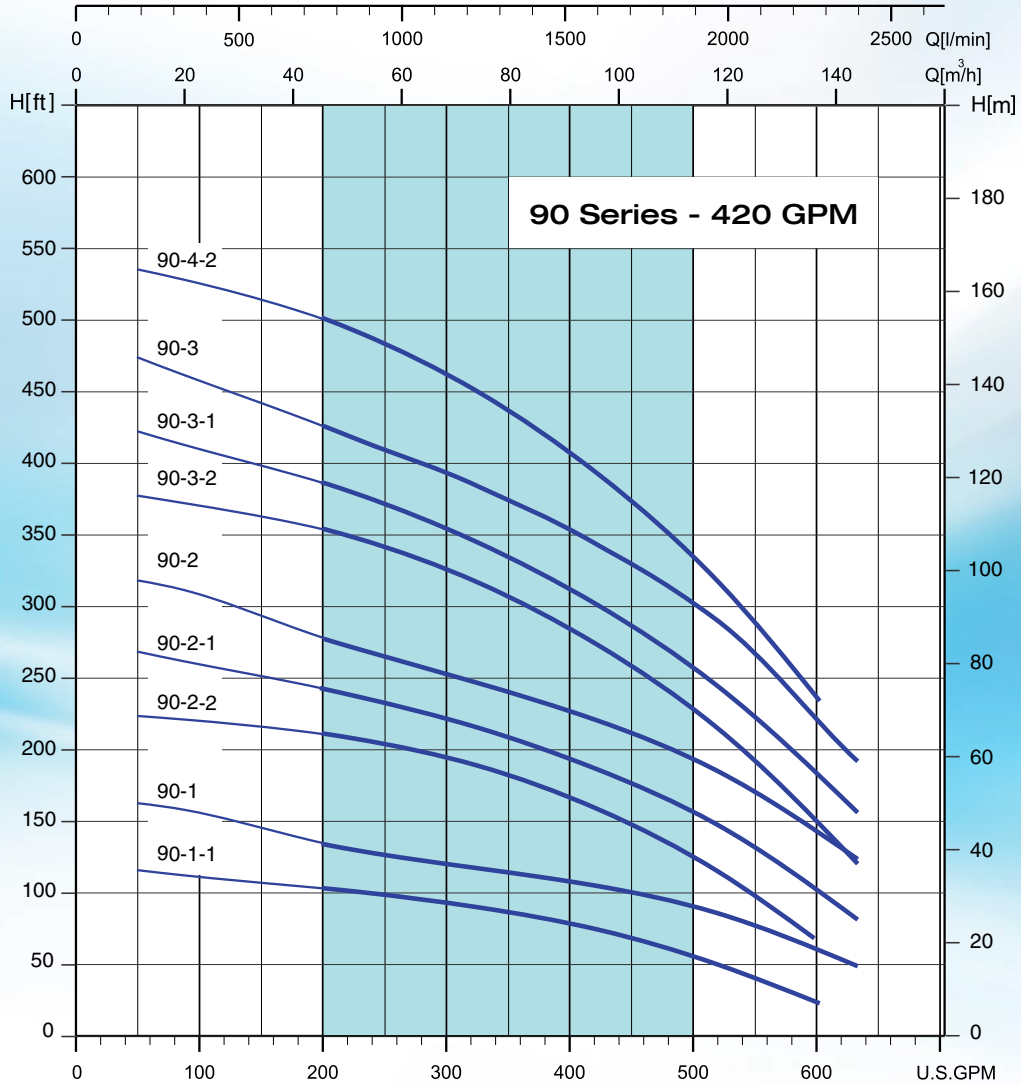


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT			
		ODP	TEFC	PUMP END		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP	TEFC		
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
SINGLE PHASE MOTOR																									
VPS 64-1-1	10	-	215TC	22.4	568	-	-	16.4	416	-	-	10.3	261	-	-	8.8	223	-	-	9.0	230	-	-	277.1	125.7
THREE PHASE MOTOR																									
VPS 64-1-1	10	213TC	215TC	22.4	568	14.6	370	15.3	388	10.2	259	10.3	261	7.9	201	8.1	204	9.0	230	9.0	230	231.1	104.8	235.1	106.6
VPS 64-1	15	-	254TC	26.5	673	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	358.5	162.6
VPS 64-2-2	20	254TC	256TC	29.7	755	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	332.2	150.7	371.2	168.4
VPS 64-2-1	25	-	284TSC	29.7	755	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	465.2	211.0
VPS 64-2	30	284TSC	286TSC	29.7	755	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	466.6	211.7	534.6	242.5
VPS 64-3-2	30	284TSC	286TSC	33.0	838	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	475.5	215.7	543.5	246.5
VPS 64-4-2	50	324TSC	326TSC	36.2	920	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	652.9	296.1	761.9	345.6
VPS 64-4-1	50	324TSC	326TSC	36.2	920	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	652.9	296.1	761.9	345.6
VPS 64-4	60	326TSC	364TSC	36.2	920	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	648.5	294.2	1,020.5	462.9
VPS 64-5-2	60	326TSC	364TSC	39.5	1003	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	648.3	294.0	1,020.3	462.8

All measures must be used as reference only. Values may vary according to motor model.



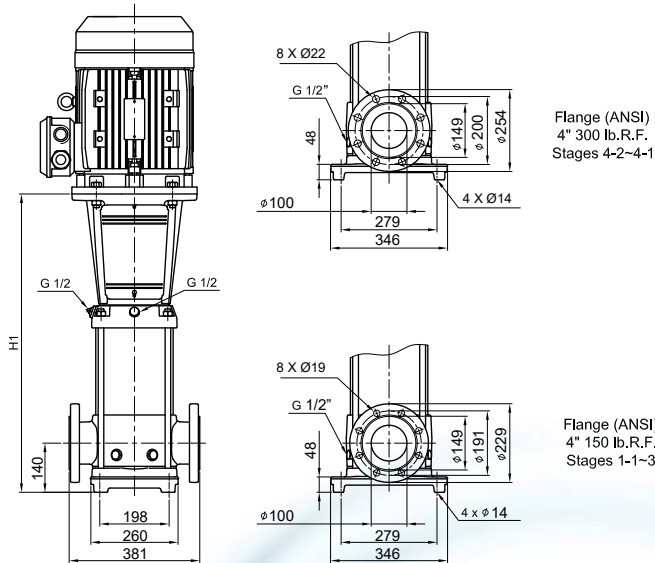
VPS 90 IEC MOTOR BRACKET



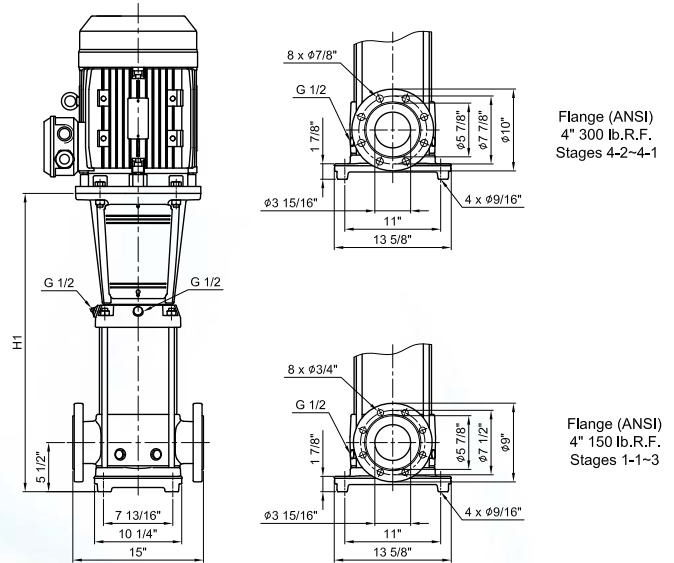
VPS 90 IEC MOTOR BRACKET

Dimensions and weights

VPS 90 [MM]



VPS 90 [INCHES]

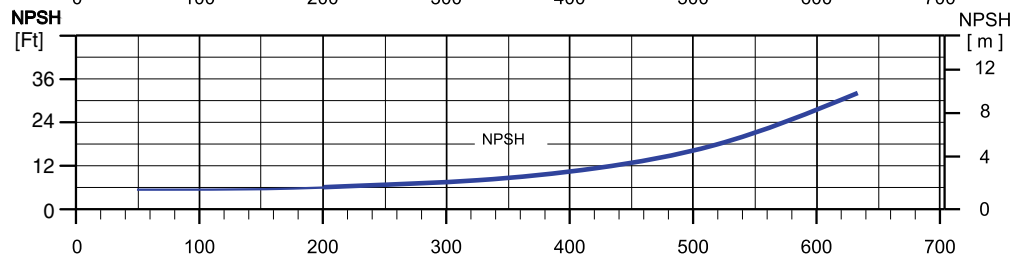
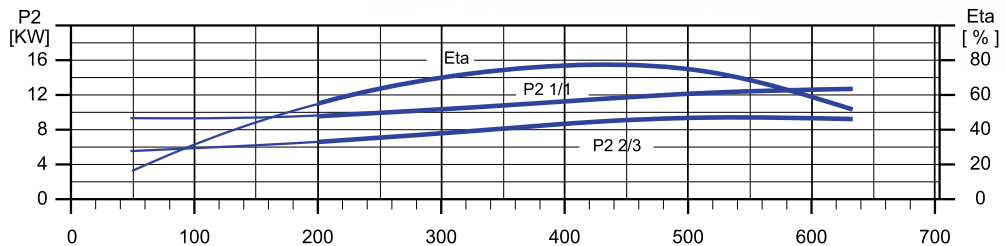
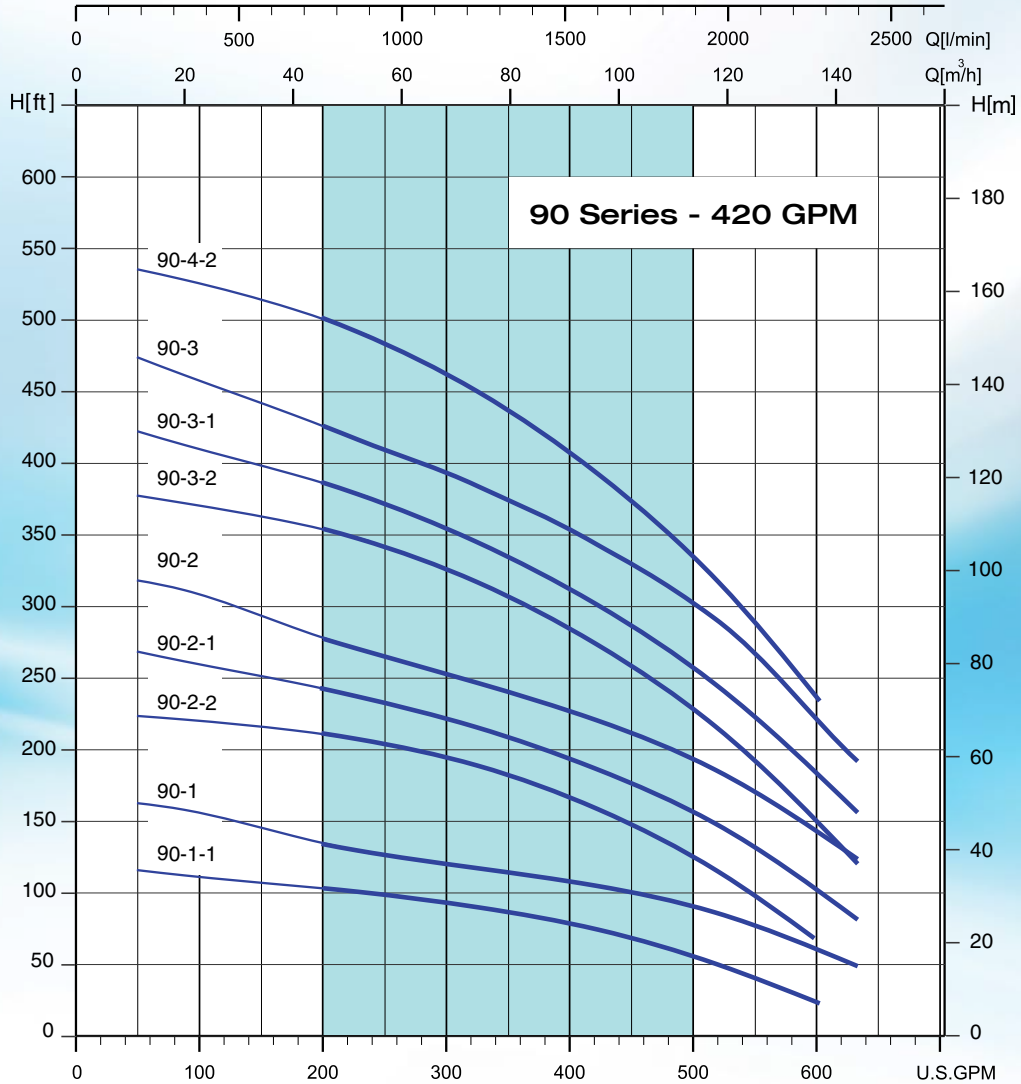


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 90-1-1	15	160M	27.0	686	156.6	70.9
VPS 90-1	20	160M	27.0	686	156.7	70.9
VPS 90-2-2	25	160L	30.6	778	167.8	75.9
VPS 90-2-1	30	180M	30.6	778	167.3	75.7
VPS 90-2	40	200L	30.6	778	192.2	87.0
VPS 90-3-2	50	200L	34.3	870	203.3	92.0
VPS 90-3-1	50	200L	34.3	870	203.4	92.0
VPS 90-3	60	225M	34.3	870	210.0	95.0
VPS 90-4-2	60	225M	37.9	962	225.0	101.8

All measures must be used as reference only. Values may vary according to motor model.



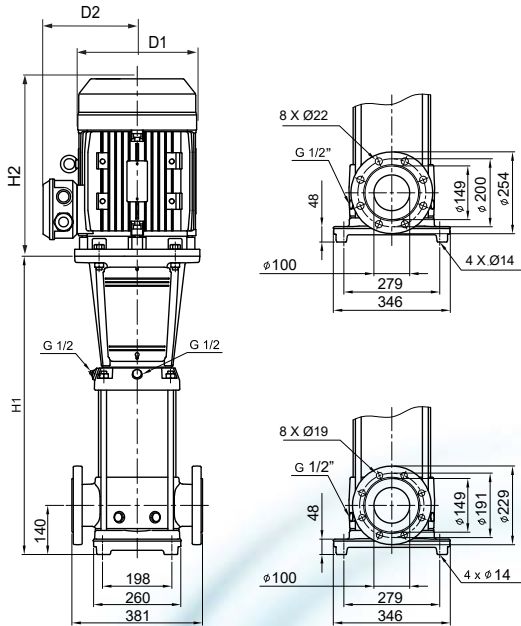
VPS 90 NEMA MOTOR BRACKET



VPS 90 NEMA MOTOR BRACKET

Dimensions and weights

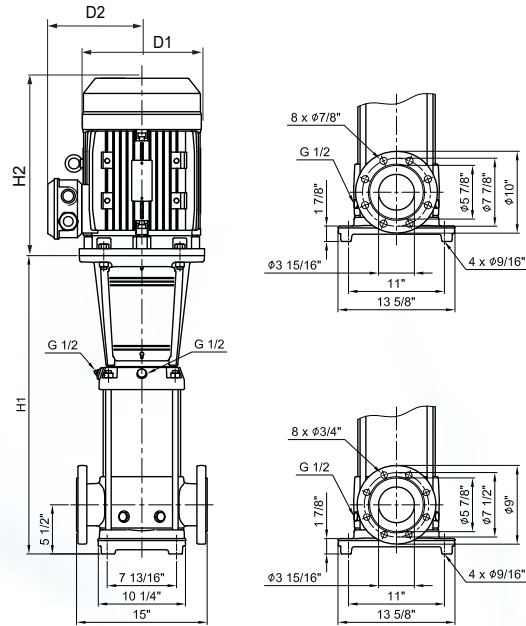
VPS 90 [MM]



Flange (ANSI)
4" 300 lb.R.F.
Stages 4-2-4-1

Flange (ANSI)
4" 150 lb.R.F.
Stages 1-1-3

VPS 90 [INCHES]



Flange (ANSI)
4" 300 lb.R.F.
Stages 4-2-4-1

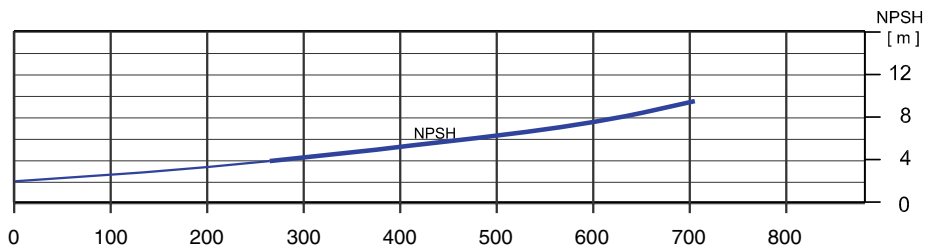
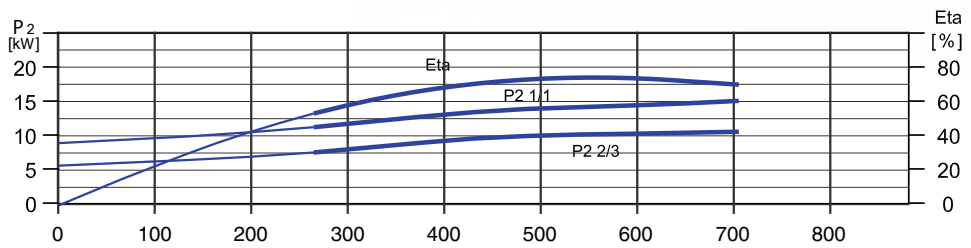
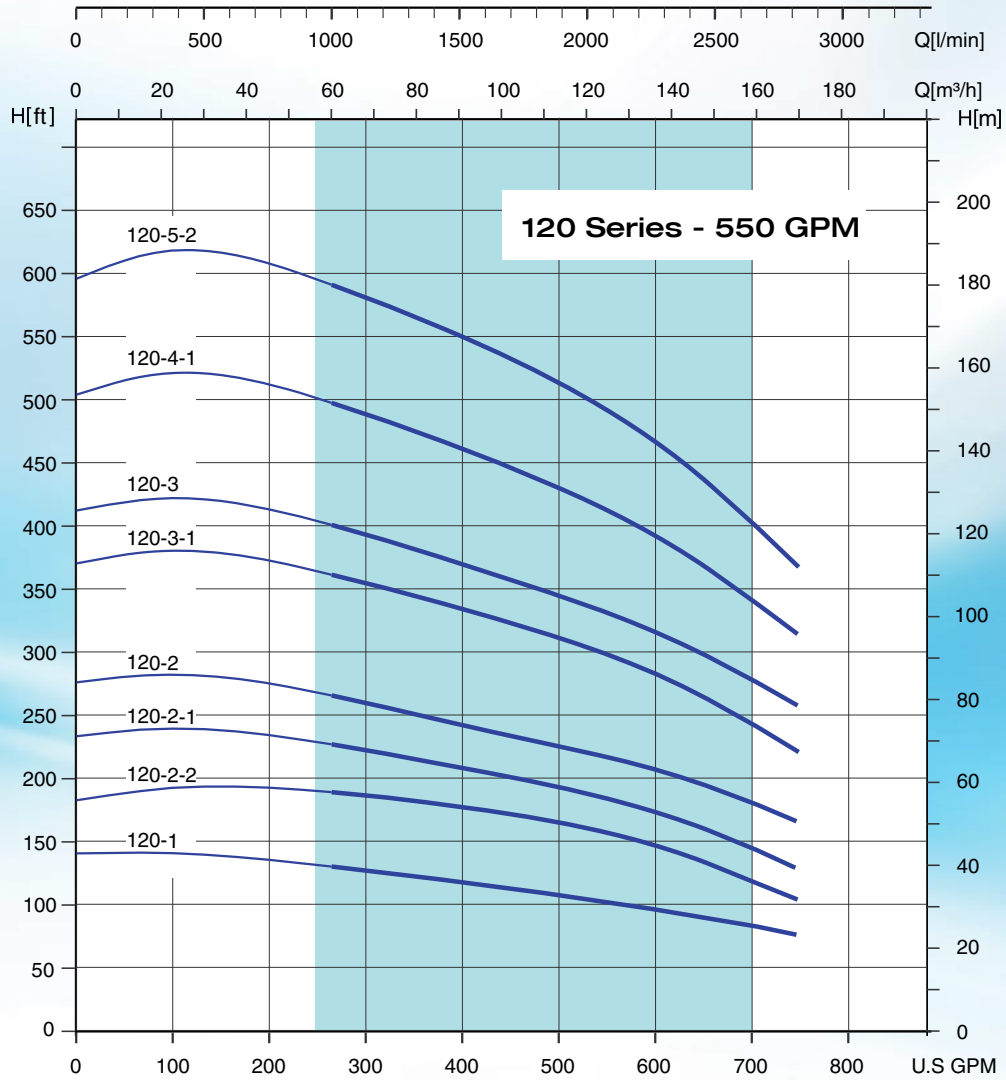
Flange (ANSI)
4" 150 lb.R.F.
Stages 1-1-3

MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS														NET WEIGHT							
				H1		H2		H2		D1		D1		D2		D2				D3		D3			
		ODP	TEFC	PUMP END		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC					
				in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg		
THREE PHASE MOTOR																									
VPS 90-1-1	15	-	254TC	26.6	676	-	-	16.3	415	-	-	10.3	261	-	-	9.2	234	-	-	9.1	231	-	-	381.6	173.1
VPS 90-1	20	254TC	256TC	26.6	676	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	346.7	157.3	385.7	174.9
VPS 90-2-2	25	-	284TSC	30.2	767	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	490.8	222.6
VPS 90-2-1	30	284TSC	286TSC	30.2	767	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	492.3	223.3	560.3	254.1
VPS 90-3-2	50	324TSC	326TSC	33.8	858	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	672.3	305.0	781.3	354.4
VPS 90-3-1	50	324TSC	326TSC	33.8	858	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	672.4	305.0	781.4	354.4
VPS 90-3	60	326TSC	364TSC	33.8	858	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	668.0	303.0	1,040.0	471.8
VPS 90-4-2	60	326TSC	364TSC	37.2	945	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	683.0	309.8	1,055.0	478.5
VPS 90-4-1	60	326TSC	364TSC	37.2	945	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	458.0	207.7	830.0	376.5

All measures must be used as reference only. Values may vary according to motor model.



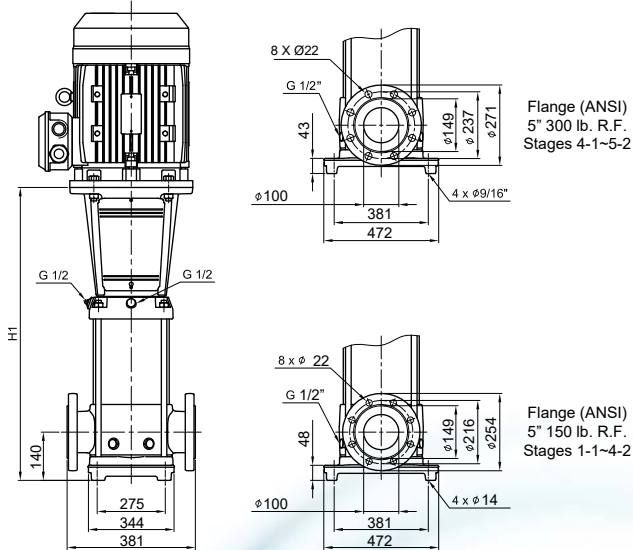
VPS 120 IEC MOTOR BRACKET



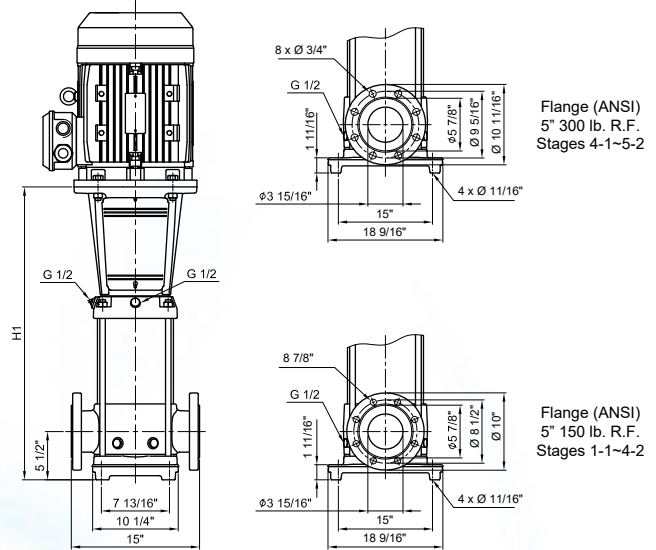
VPS 120 IEC MOTOR BRACKET

Dimensions and weights

VPS 120 [MM]



VPS 120 [INCHES]

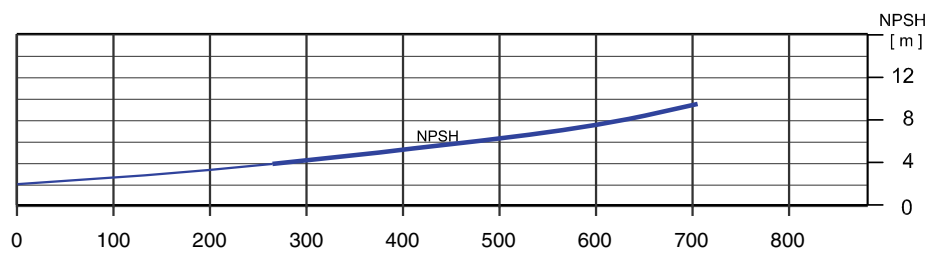
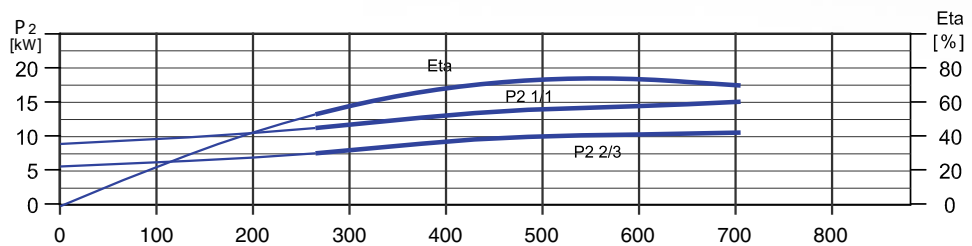
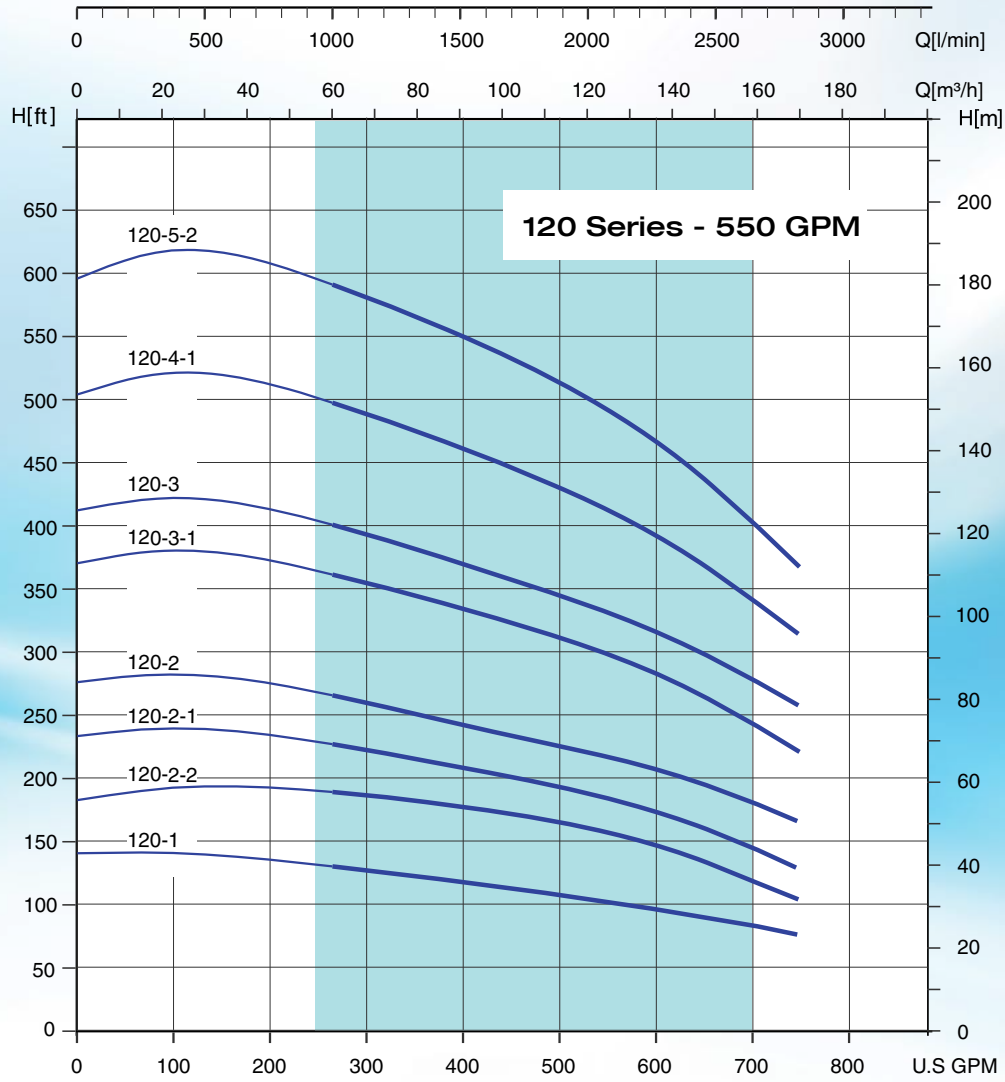


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 120-1-1	20	160M	32.8	834		
VPS 120-1	25	160L	32.8	834	776	352
VPS 120-2-2	40	200L	39.0	989	1351	613
VPS 120-2-1	40	200L	39.0	989	1351	613
VPS 120-2	50	200L	39.0	989	1437	652
VPS 120-3-2	60	225M	45.1	1145		
VPS 120-3-1	60	225M	45.1	1145	1656	751
VPS 120-3	75	250M	45.6	1157	2181	989
VPS 120-4-2	75	250M	51.7	1312		
VPS 120-4-1	100	280S	51.7	1312	2802	1271
VPS 120-4	100	280S	51.7	1312		
VPS 120-5-2	100	280S	57.8	1468	2824	1281

All measures must be used as reference only. Values may vary according to motor model.



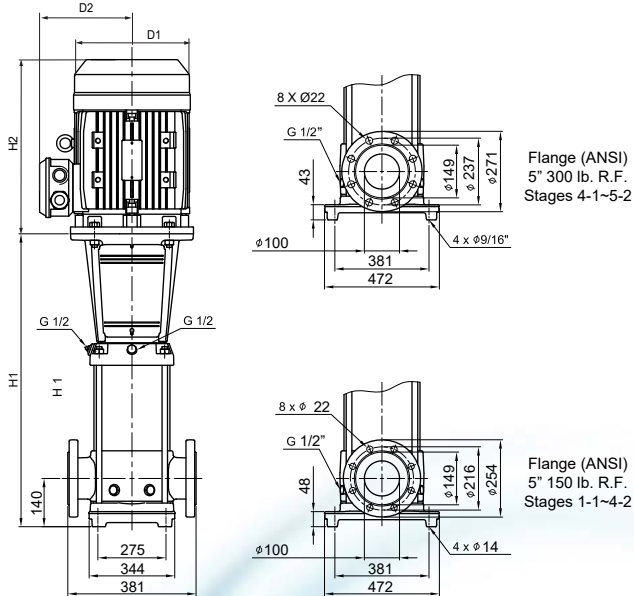
VPS 120 NEMA MOTOR BRACKET



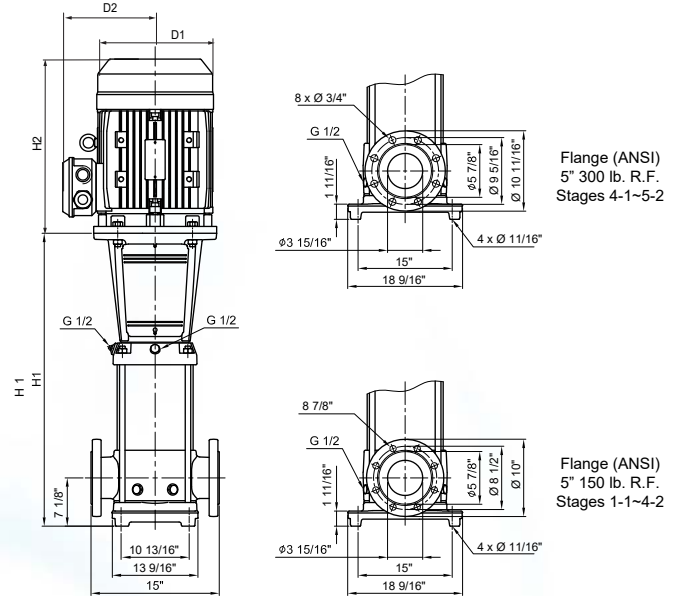
VPS 120 NEMA MOTOR BRACKET

Dimensions and weights

VPS 120 [MM]



VPS 120 [INCHES]

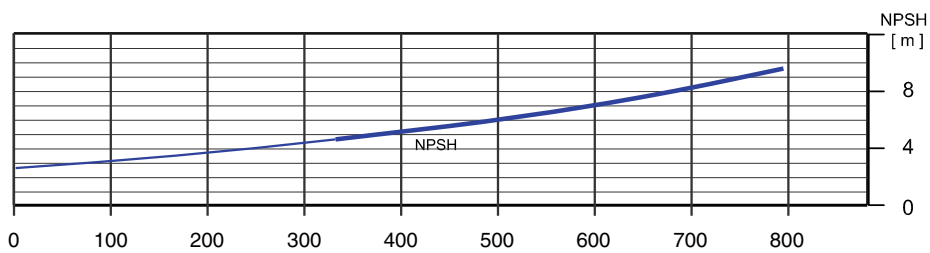
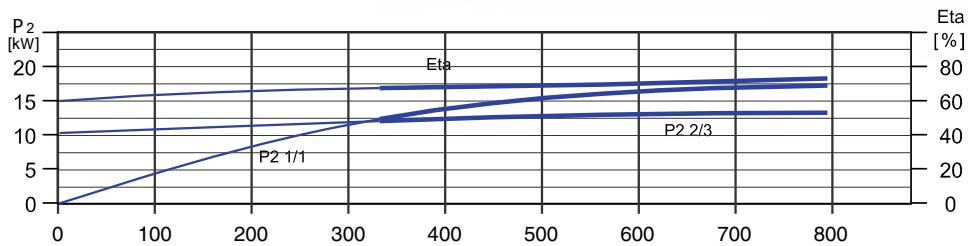
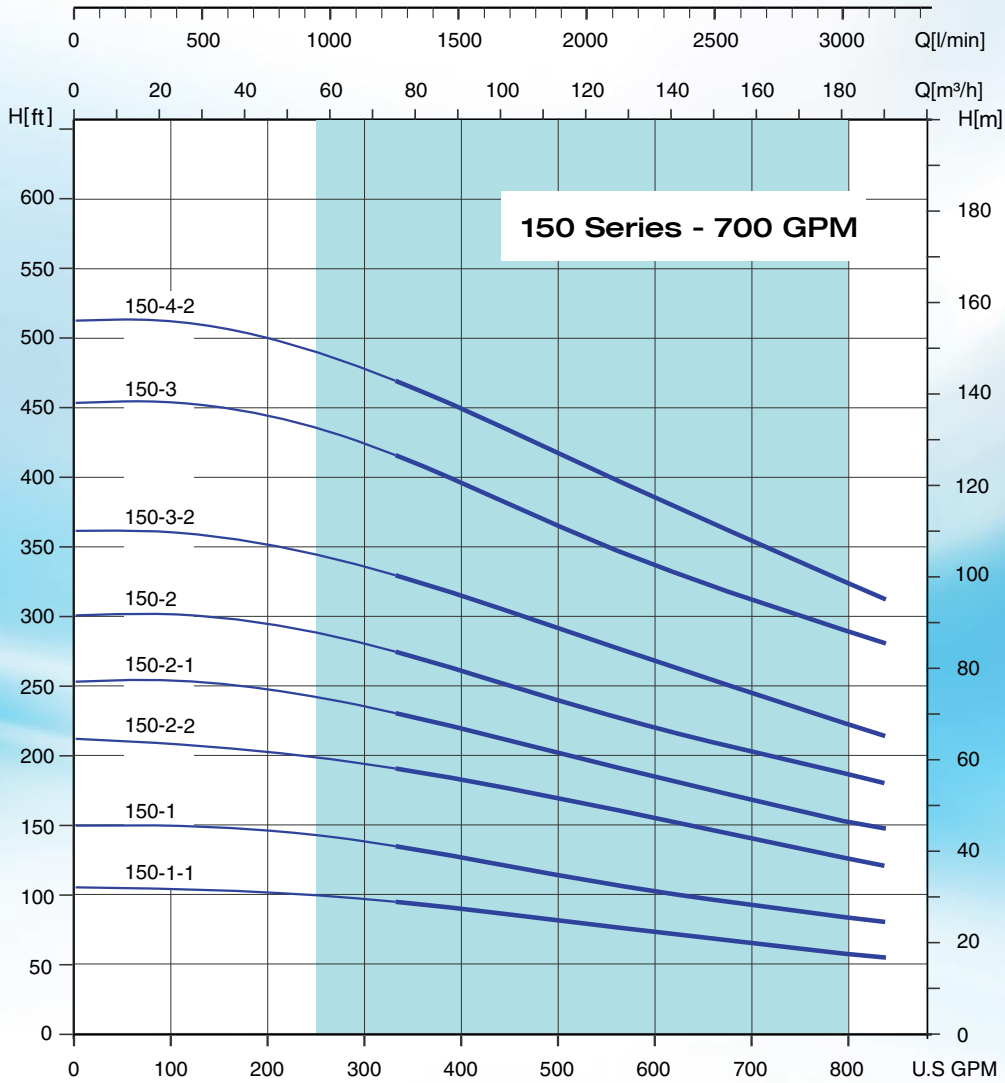


MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																NET WEIGHT					
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT	NET WEIGHT		
		PUMP END		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP	TEFC				
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
THREE PHASE MOTOR																									
VPS 120-1-1	20	254TC	256TC	32.8	834	19.3	489	19.8	503	11.5	292	12.9	329	8.9	227	10.0	255	9.5	240	9.1	231	190.0	86.2	229.0	103.9
VPS 120-1	25	-	284TSC	32.8	834	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	323.0	146.5
VPS 120-2	50	324TSC	326TSC	39.0	989	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	469.0	212.7	578.0	262.2
VPS 120-3-2	60	326TSC	364TSC	45.1	1145	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	458.0	207.7	830.0	376.5
VPS 120-3-1	60	326TSC	364TSC	45.1	1145	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	458.0	207.7	830.0	376.5
VPS 120-3	75	364TSC	365TSC	45.6	1157	27.9	707	27.5	699	16.8	427	19.5	495	14.0	355	18.1	460	13.5	343	13.0	329	758.0	343.8	905.0	410.5
VPS 120-4-2	75	364TSC	365TSC	51.7	1312	27.9	707	27.5	699	16.8	427	19.5	495	14.0	355	18.1	460	13.5	343	13.0	329	758.0	343.8	905.0	410.5

All measures must be used as reference only. Values may vary according to motor model.



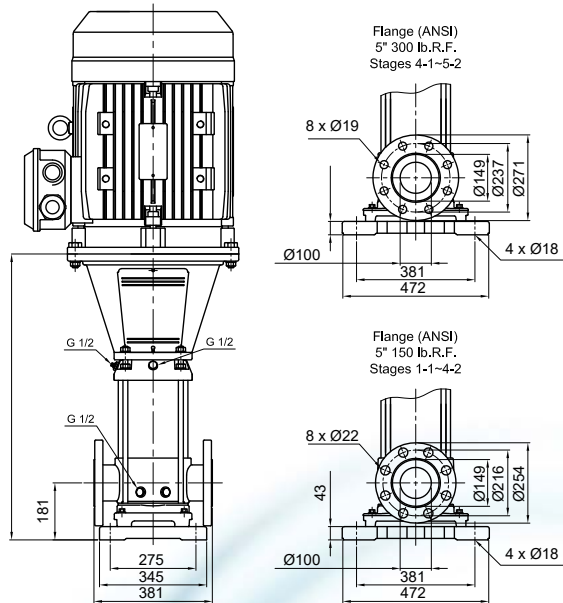
VPS 150 IEC MOTOR BRACKET



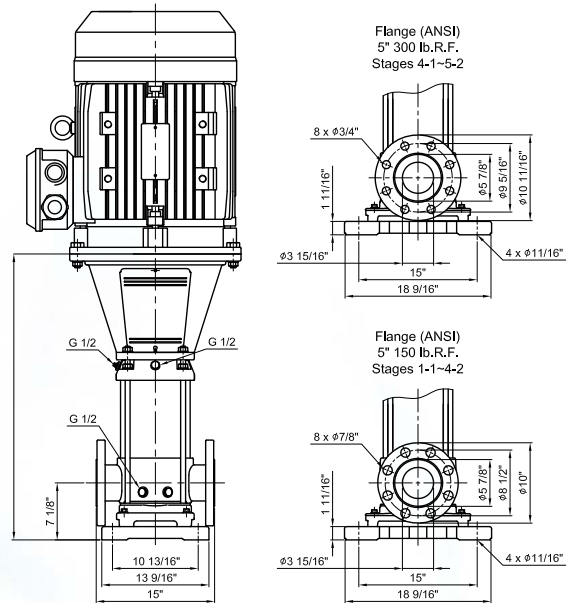
VPS 150 IEC MOTOR BRACKET

Dimensions and weights

VPS 150 [MM]



VPS 150 [INCHES]

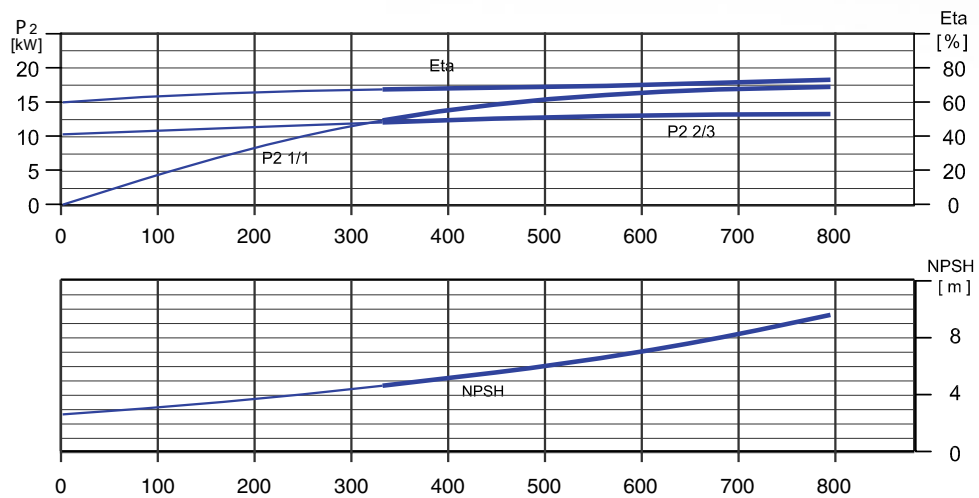
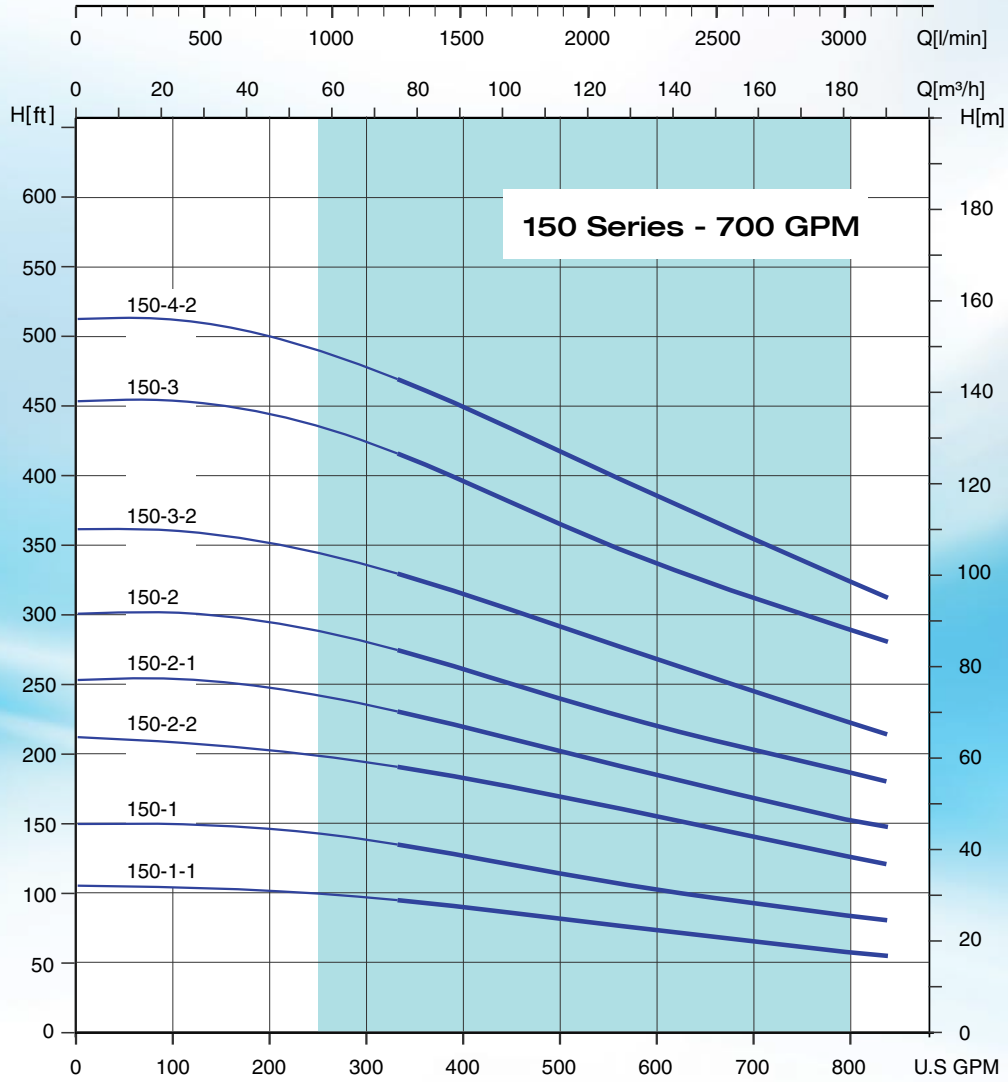


MODEL	HP	FRAME	DIMENSIONS AND WEIGHT FOR VPS SERIES - IEC MOTORS			
			H1		NET WEIGHT	
			in	mm	lbs	kg
VPS 150-1-1	25	160L	32.8	834	784	356
VPS 150-1	30	180M	32.8	834	969	440
VPS 150-2-2	40	200L	39.0	989	1349	612
VPS 150-2-1	50	200L	39.0	989	1435	651
VPS 150-2	60	225M	39.0	989	971	440
VPS 150-3-2	75	250M	45.6	1157	2179	989
VPS 150-3-1	75	250M	45.6	1157		
VPS 150-3	100	280S	45.6	1157	2778	1260
VPS 150-4-1	100	280S	51.7	1312		
VPS 150-4-2	100	280S	51.7	1312	2798	1269

All measures must be used as reference only. Values may vary according to motor model.



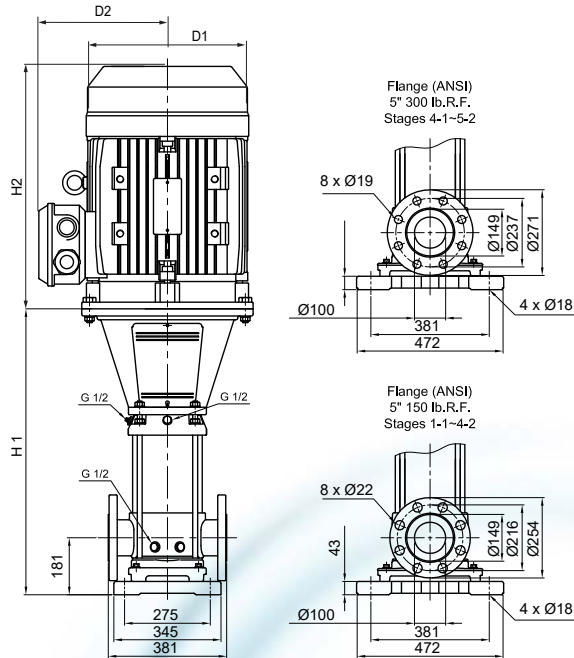
VPS 150 NEMA MOTOR BRACKET



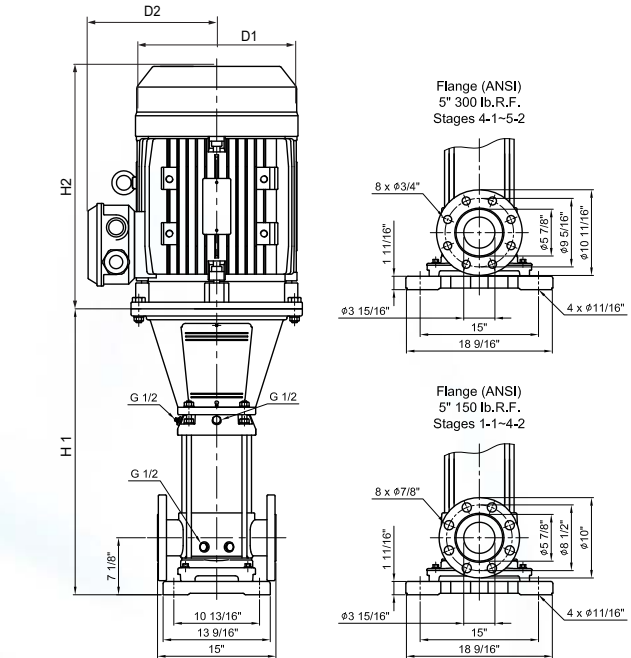
VPS 150 NEMA MOTOR BRACKET

Dimensions and weights

VPS 150 [MM]



VPS 150 [INCHES]



MODEL	HP	MOTOR FRAME		DIMENSIONS AND WEIGHT FOR VPS SERIES - NEMA MOTORS																					
				H1		H2		H2		D1		D1		D2		D2		D3		D3		NET WEIGHT			
		ODP	TEFC	PUMP END		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP		TEFC		ODP	TEFC		
				in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
THREE PHASE MOTOR																									
VPS 150-1-1	25	-	284TSC	32.8	834	-	-	19.2	486	-	-	12.9	329	-	-	11.5	293	-	-	11.2	284	-	-	323.0	146.5
VPS 150-1	30	284TSC	286TSC	32.8	834	21.9	555	19.2	486	13.3	337	12.9	329	12.2	310	11.5	293	11.3	286	11.2	284	325.0	147.4	393.0	178.3
VPS 150-2-1	50	324TSC	326TSC	39.0	989	23.1	587	25.0	636	15.2	386	17.9	453	13.2	336	14.6	372	15.2	386	13.4	340	469.0	212.7	578.0	262.2
VPS 150-2	60	326TSC	364TSC	39.0	989	23.1	587	27.3	693	15.2	386	19.5	495	13.2	336	18.1	460	15.2	386	13.0	329	458.0	207.7	830.0	376.5
VPS 150-3-2	75	364TSC	365TSC	45.6	1157	27.9	707	27.5	699	16.8	427	19.5	495	14.0	355	18.1	460	13.5	343	13.0	329	758.0	343.8	905.0	410.5
VPS 150-3-1	75	364TSC	365TSC	45.6	1157	27.9	707	27.5	699	16.8	427	19.5	495	14.0	355	18.1	460	13.5	343	13.0	329	758.0	343.8	905.0	410.5

All measures must be used as reference only. Values may vary according to motor model.

Pumped Liquids

PUMPED FLUID	"FLUID CONCENTRATION, TEMPERATURE"	VPC / VPS	
		EPDM	Viton
Alkaline cleaner		•	
Ammonia water (A.hydroxide)	20%, 40 °C	•	
Ammonia hydrogen carbonate	10%, 40 °C	•	
Butanol	60 °C	•	
Calcium acetate	30%, 50 °C	•	
Calcium hydroxide	Saturated solution, 50 °C	•	
Condensate	90 °C	•	
Ethanol	100%, 20 °C	•	
Ethylene glycol / Diethylene glycol	40%, 70 °C	•	•
Glycerine	50%, 50 °C	•	
Heating oil (Light)		•	
Hydraulic oil	100%, 100 °C		•
Isopropanol		•	
Linoleic acid	100%, 20 °C	•	
Linseed oil	60 °C		•
Maize oil	80 °C		•
Methanol	100%, 20 °C	•	
Motor oil	100%, 80 °C	•	
Oil-water-mixture	100 °C		•
Peanut oil	100%, 80 °C		•
Polyglycols	90 °C		•
Polyethylene glycols	40%, 70 °C	•	
Potassium carbonate	10%, 60 °C	•	
Potassium hydrogen carbonate	10%, 60 °C	•	
Rapeseed oil	100%, 80 °C		•
Silicone oil	100%		•
Swimming pool water	35 °C	•	
Rinsing water		•	





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