

Elettropompe centrifughe multistadio verticali KV1/12
Centrifuge multistage vertical pumps KV1/12
COSTRUZIONE

Sono elettropompe centrifughe multistadio verticale con bocche in linea, girante radiale, motore normalizzato e tenuta meccanica. L'accoppiamento pompa e motore è assicurato con giunto meccanico, costruito in due pezzi, di conseguenza l'operazione di montaggio e smontaggio è notevolmente semplificato. Grazie al giunto meccanico, si utilizzano motori standard in forma V1 e V18

- Cuscinetto a boccia che guida l'albero è in acciaio inox.
 - Albero ampiamente dimensionato in acciaio inox
 - Corpo di mandata e aspirazione in ghisa grigia.
 - Giranti e diffusori in policarbonato con fibre
 - Camicia, anelli di stadio, e anelli di rasamento in acciaio inox.
- La qualità dei materiali impiegati permette un'ottima resistenza alle abrasioni e alle corrosioni.

IMPIEGHI

Adatta per impianti idrici di approvvigionamento e pressurizzazione in impieghi di:

- Sistema di rifornimento idrico per usi civili ed industriali.
- Irrigazione a pioggia ed a scorrimento.
- Impianti automatici antincendio UNI 9490 e 10779.
- Impianti di sopraelevazione
- Applicazioni industriale varia.

LIQUIDI POMPATI

Chiari non aggressivi, non esplosivi e privi di sostanze solide e fibrose.

DATI DI FUNZIONAMENTO
Pompa

- Portate fino 54 m³/h
- Prevalenze fino a 128 m
- Temperatura liquido pompato da 0 a + 50 °C
- Massima temperatura ambiente +40 °C
- Massima pressione di esercizio 25 bar (2500 kPa)
- Installazione verticale fissa
- Senso di rotazione antiorario visto dal motore

Motore

- Di tipo asincrono 2 poli, chiuso raffreddato a ventilazione esterna.
- Tensione Trifase 380/415 V
- Frequenza 50 Hz
- Potenza fino a 18.5 kW
- Grado di protezione motore IP 54
- Grado di protezione morsetteria IP 55
- Classe di isolamento: F
- Forma costruttiva: V18 fino a 4 kW, oltre V1
- Protezione motori trifasi con relè termico secondo le norme VDE, classe di scatto (trip) 10 o 10 A / tempo di scatto < 10 s a 5 x A

CONSTRUCTION

These are centrifuge multistage vertical pump with mouth in-line, radial impeller, normalized motor and mechanical seal. The accomplished pump and motor is assured with mechanical coupling, built in two pieces, therefore, the operation of assembly and disassembly is considerably simplified. Thanks to the mechanical coupling, are utilized standard motors in form V1 e V18.

- The ferrule bearing that guides the shaft is in stainless steel
 - Shaft is amply dimensioned in stainless steel
 - Delivery body and intake in gray iron
 - Impellers and diffusers in polycarbonate with fibre
 - External housing, stage ring and shave ring in stainless steel
- The quality of these engaged materials, allows an excellent resistance to abrasions and corrosions

USES

Suitable for waterworks of procurement and pressurization, in uses of:

- System of hydric supplying for civil industrial uses
- Irrigation at rain and at slip
- Automatic fire fighting plants UNI 9490 and 10779
- Superelevation plants
- Various industrial appliances

PUMPED LIQUIDS

Clear, not aggressive and not explosive, without solid or fibre substances

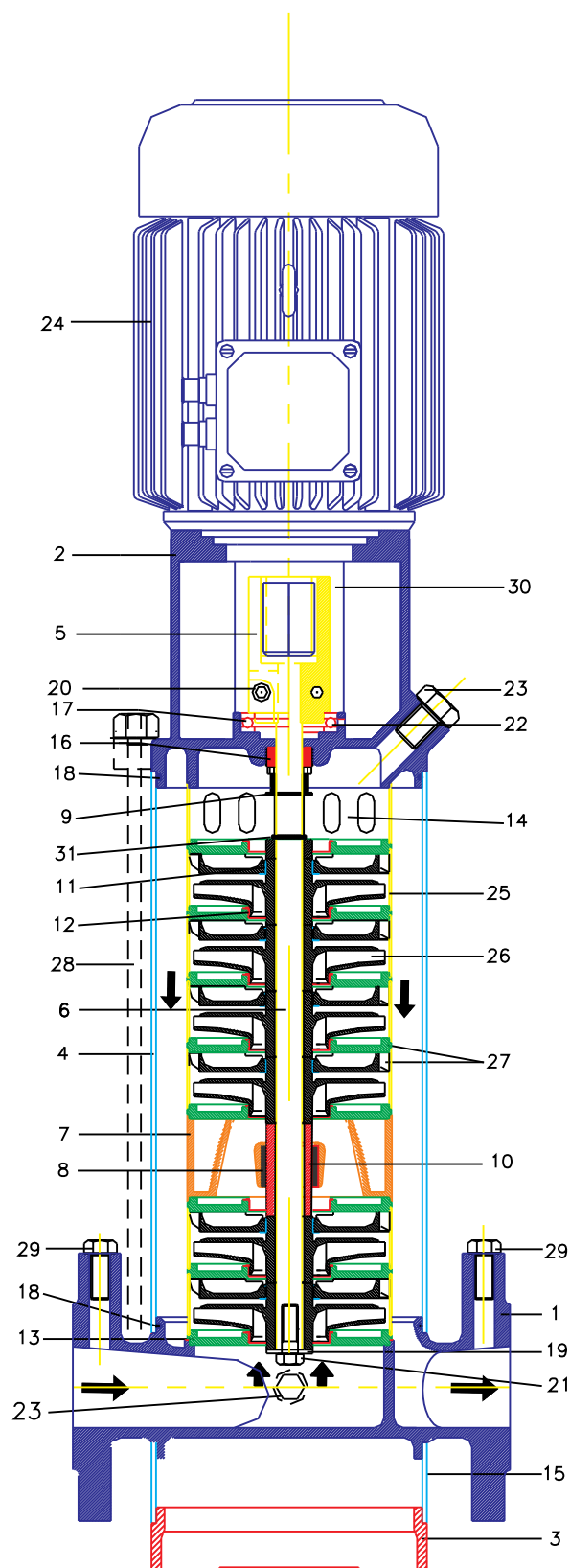
PERFORMANCE DATA
Pump

- Deliveries up to 54 m³/h
- Heads up to 128 m
- Temperature of pumped liquid from 0 to +50 °C
- Maximum temperature of habitat from +40 °C
- Maximum working pressure 25 bar (2500 kPa)
- Vertical fixed installation
- Anticlockwise rotation seen from motor

Motor

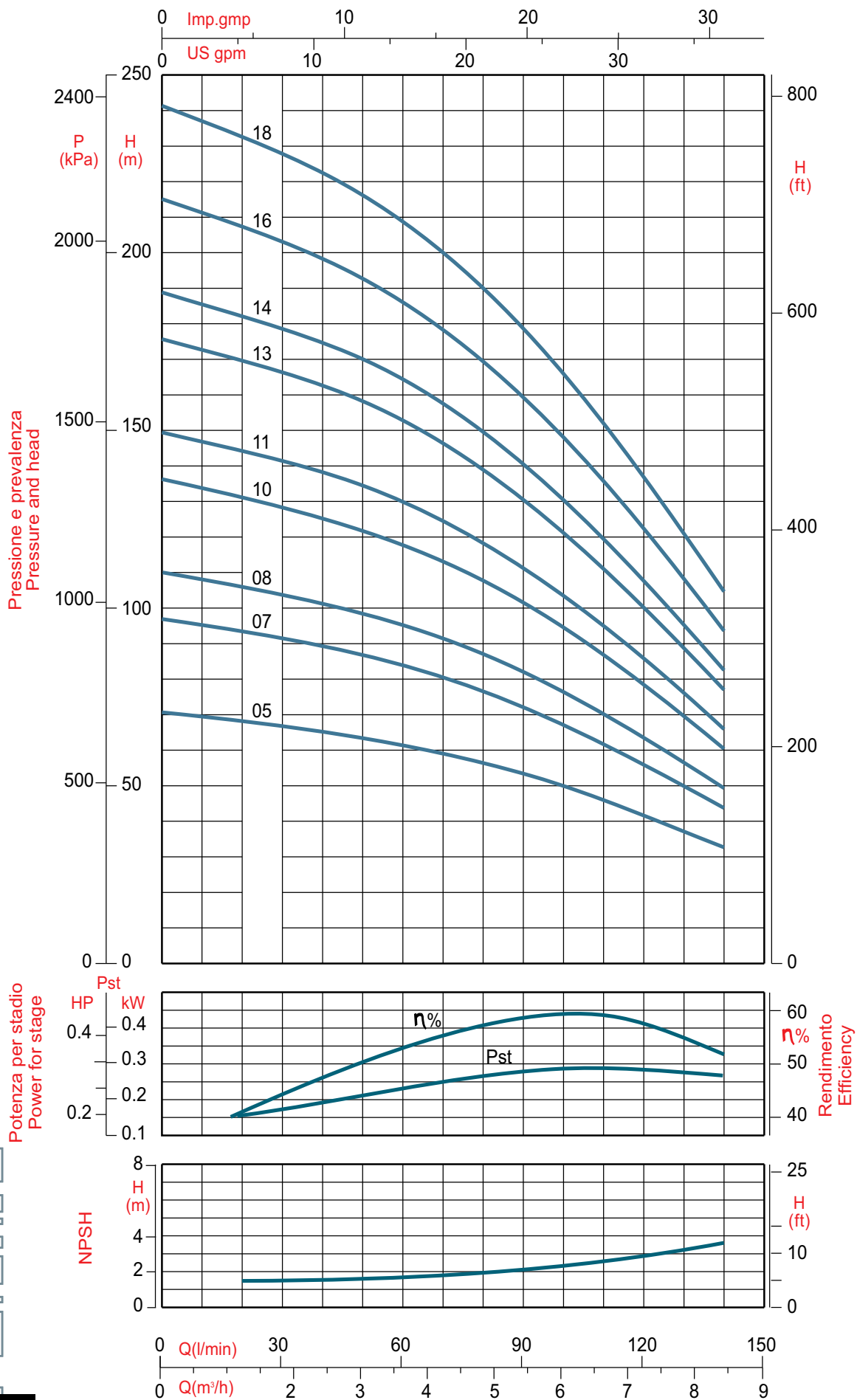
- Asynchronous type 2 poles, closed, cooled with external ventilation
- Three-phase tension 380/415 V
- Frequency 50 Hz
- Power until 18.5 kW
- Protection's level of motor IP 54
- Protection's level of terminal block IP 55
- Class of segregation: F
- Constructive form: V18 until 4 kW, over V1
- Protection of three-phase with thermal relay according to VDE, trip class 10 or 10 A / trip time < 10 s at 5 x

N. Rif. N. Ref.	Descrizione Description	Materiale Material
1	Corpo pompa Pump body	GG 20 Cast iron
2	Supporto Motore Motor support	
3	Basamento pompa Pump Base	
4	Camicia External housing	X5 Cr Ni 1810
5	Giunto Coupling	Lega leggera Light alloy
6	Albero Shaft	X10 Cr S 17
7	Supporto Bracket	Bronzo Bronze
8	Cuscinetto a boccia Ball bearing	Gomma nitrilica Nitrile rubber
9	Rondella Washer	X5 Cr Ni 1810
10	Boccola distanziale Distance ferrule	
11	Anello di rasamento mozzo Hub shaver ring	
12	Anello di rasamento bocchetto Rough shave ring	Policarbonato Polycarbonate
13	Disco diffusore Diffuser disc	
14	Anello distanziale forato Punched spacer ring	X5 Cr Ni 1810
15	Anello distanziale base/pompa Base pump spacer ring	
16	Tenuta meccanica Mechanical seal	Carburo di tungsteno Tungsten carbide
17	Cuscinetto Bearing	Gomma Rubber
18	O-ring O-ring	
19	Rondella blocco giranti Impeller lock washer	X5 Cr Ni 1810
20	Vite Serraggio giunto Screw lock coupling	
21	Bullone Bolt	
22	Ingrassatore Grease cup	Acciaio zincato Zinc plated steel
23	Bullone Bolt	X5 Cr Ni 1810
24	Motore Motor	
25	Anello distanziale stadio Stage spacer ring	X5 Cr Ni 1810
26	Girante Impeller	Policarbonato Polycarbonate
27	Diffusore completo Complete diffuser	
28	Tiranti Tie-rods	Acciaio zincato Zinc plated steel
29	Bullone Bolt	
30	Capri giunto Staff bead	X5 Cr Ni 1810
31	Anello seeger Seeger ring	X5 Cr Ni 1810



Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



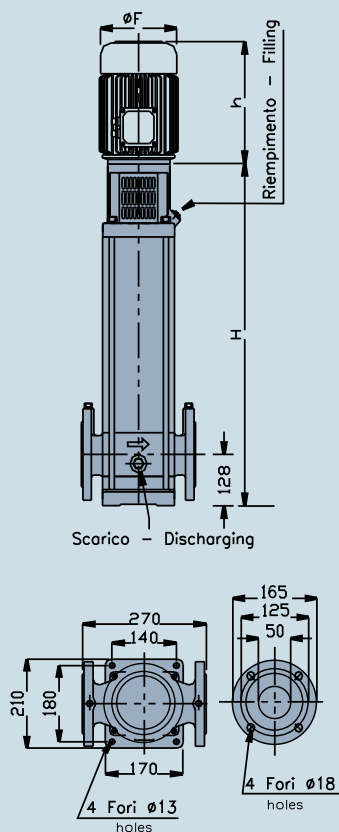
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2 poli/50Hz

2 poles/50Hz

TIPO - TYPE		DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA			DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	30	40	50	60	70	80	90	100	110	120	140	
					Q(m³/h) 0	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	
					H=prevalenza totale in m.c.a. H=total head w.c.m.												
KV1-05 20	2	1.5	6.27	3.4	71	67	65	64	62	59	56	54	50	46	42	33	
KV1-07 30	3	2.2	9.2	5	97	92	90	88	85	81	77	73	68	62	56	44	
KV1-08 30	3	2.2	9.2	5	110	105	102	100	96	92	87	83	78	71	64	49	
KV1-10 40	4	3	11.5	6.4	136	129	126	123	119	114	108	102	96	87	76	60	
KV1-11 40	4	3	11.5	6.4	149	142	138	135	130	125	118	112	105	95	86	66	
KV1-13 50	5.5	4	15.4	8.5	176	167	162	159	153	146	139	131	123	112	100	77	
KV1-14 50	5.5	4	15.4	8.5	189	179	174	171	164	157	149	141	132	120	108	83	
KV1-16 75	7.5	5.5	20	11.7	215	204	199	194	187	179	170	161	150	136	123	94	
KV1-18 75	7.5	5.5	20	11.7	241	229	223	218	209	201	190	180	168	153	137	105	



Dimensioni e pesi

Dimensions and weights

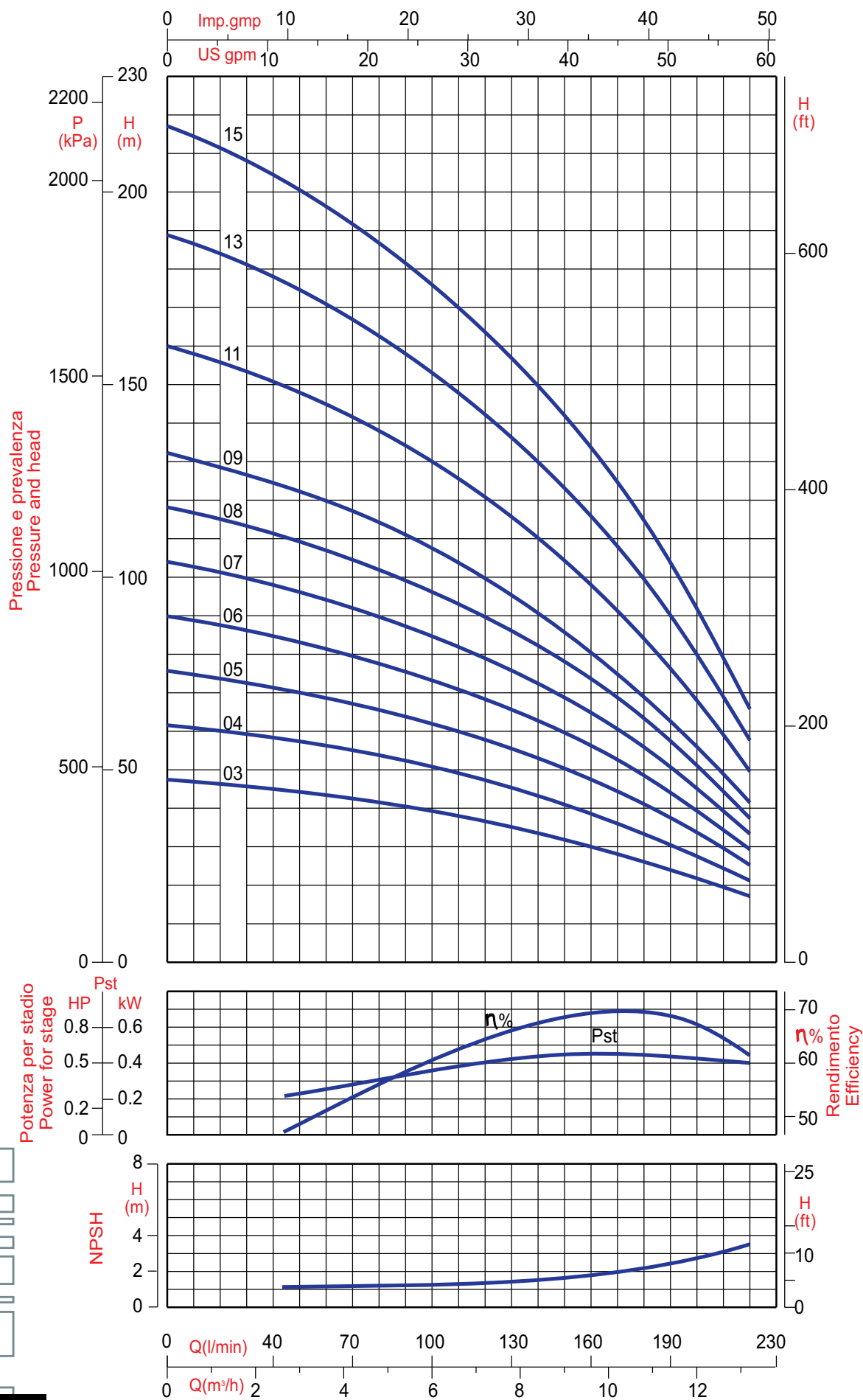
TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV1-05 20	618	26.4	270	12.9	90s	IMV18	177
KV1-07 30	700	28.1	270	15.5	90L	IMV18	177
KV1-08 30	741	29	270	15.5	90L	IMV18	177
KV1-10 40	823	31	340	22	100La	IMV18	197
KV1-11 40	864	31.6	340	22	100La	IMV18	197
KV1-13 50	946	33.4	340	27	112M	IMV18	197
KV1-14 50	987	34.3	340	27	112M	IMV18	197
KV1-16 75	1113	40.5	402	39.5	132Sa	IMV1	300
KV1-18 75	1201	42.2	402	39.5	132Sa	IMV1	300

* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



MD



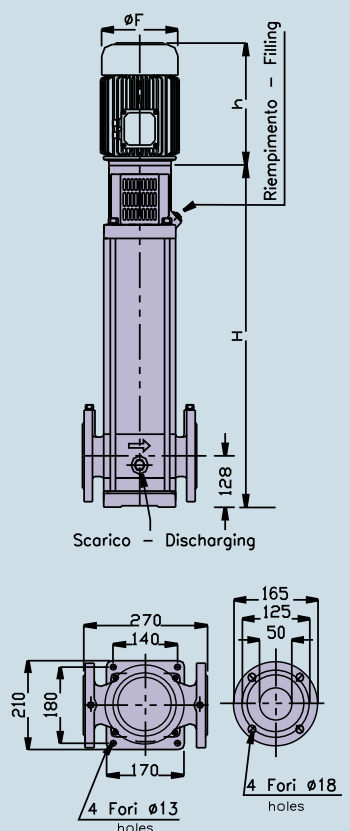
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA												
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY												
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	80	90	110	130	140	150	160	170	180	200	220	
					Q(m³/h) 0	2.4	2.7	6.6	7.8	8.4	9	9.6	10.2	10.8	12	13.2	
					H=prevalenza totale in m.c.a. H=total head w.c.m.												
KV3-03 20	2	1.5	6.2	3.4	47	42	41	38	36	34	32	31	29	27	22	17	
KV3-04 30	3	2.2	9.2	5	62	55	53	49	46	44	42	39	37	34	28	21	
KV3-05 30	3	2.2	9.2	5	76	67	64	60	57	54	51	48	46	41	34	25	
KV3-06 40	4	3	11.5	6.4	90	79	76	71	67	64	60	56	54	48	39	29	
KV3-07 40	4	3	11.5	6.4	104	92	88	82	77	74	69	65	62	55	45	33	
KV3-08 50	5.5	4	15.4	8.5	118	96	93	100	88	84	78	73	70	63	51	37	
KV3-09 50	5.5	4	15.4	8.5	132	136	122	112	104	98	87	82	78	70	56	41	
KV3-11 75	7.5	5.5	20	11.7	161	150	147	136	125	119	106	99	94	84	68	50	
KV3-13 75	7.5	5.5	20	11.7	189	177	173	160	147	140	124	116	110	99	79	58	
KV3-15 100	10	7.5	26	15	217	206	199	183	169	160	142	133	126	113	91	66	

Dimensioni e pesi

Dimensions and weights



FLANGE DN50 - DIN 2534 e UNI 2238

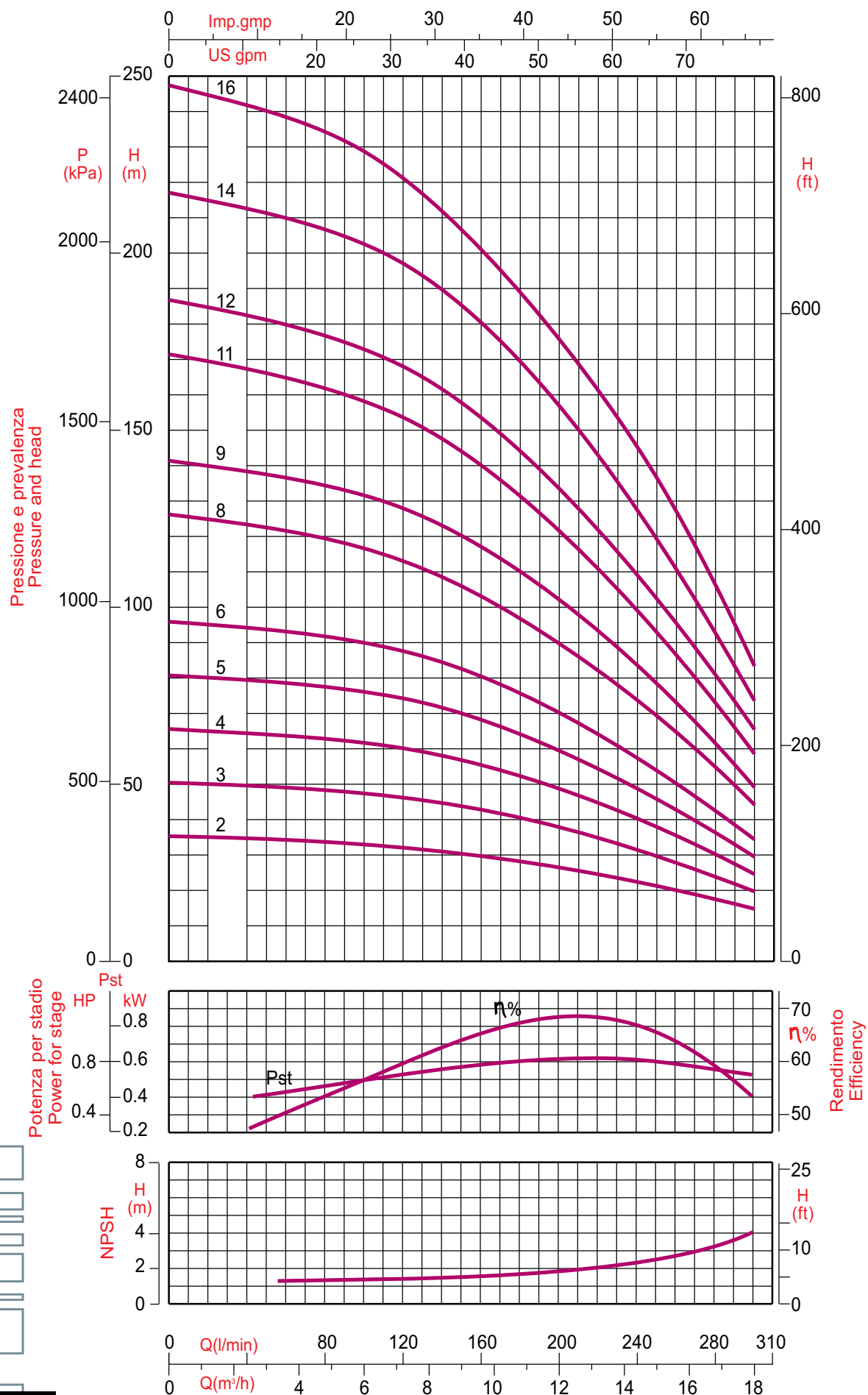
TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV3-03 20	537	24.7	270	12.9	90s	IMV18	177
KV3-04 30	578	25.5	270	15.5	90L	IMV18	177
KV3-05 30	618	26.4	270	15.5	90L	IMV18	177
KV3-06 40	660	27.3	340	22	100La	IMV18	197
KV3-07 40	701	28.2	340	22	100La	IMV18	197
KV3-08 50	742	29	340	27	112M	IMV18	197
KV3-09 50	783	30	340	27	112M	IMV18	197
KV3-11 75	909	36.1	402	39.5	132Sa	IMV1	300
KV3-13 75	997	37.9	402	39.5	132Sa	IMV1	300
KV3-15 100	1073	39.6	402	45	132Sa	IMV1	300

* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction

Curve caratteristiche 2 poli/50Hz

Performances curves 2 poles/50Hz



5
KV



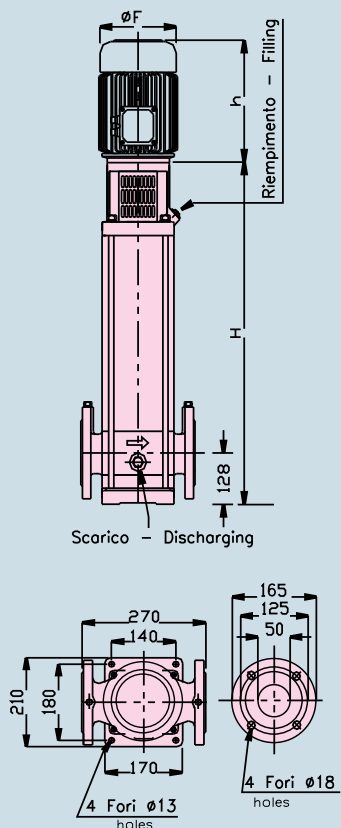
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3X230 V	A 3X400 V	Q(l/min) 0	120	140	160	180	200	210	230	240	260	280	300
					Q(m³/h) 0	7.2	8.4	9.6	10.8	12	12.6	13.8	14.4	15.6	16.8	18
					H=prevalenza totale in m.c.a. H=total head w.c.m.											
KV5-02 20	2	1.5	6.2	3.4	35	33	32	30	29	28	26	24	22	20	18	15
KV5-03 30	3	2.2	9.2	5	50	47	45	43	40	38	36	33	31	28	24	20
KV5-04 40	4	3	11.5	6.4	66	60	58	55	52	48	47	43	40	36	30	25
KV5-05 50	5.5	4	15.4	8.5	81	74	72	68	64	59	57	52	49	43	36	30
KV5-06 50	5.5	4	15.4	8.5	96	88	85	80	75	70	67	61	58	50	43	35
KV5-08 75	7.5	5.5	20	11.7	126	113	110	104	97	90	86	78	74	65	55	44
KV5-09 75	7.5	5.5	20	11.7	141	128	123	117	110	102	98	89	83	73	62	49
KV5-11 100	10	7.5	26	15.6	171	153	148	140	131	122	117	106	100	87	73	60
KV5-12 100	10	7.5	26	15.6	187	168	161	153	144	133	128	116	109	96	81	66
KV5-14 150	15	11	38	23.5	217	197	190	180	169	157	150	136	128	111	93	74
KV5-16 150	15	11	38	23.5	247	221	212	201	189	176	169	154	145	127	107	88

Dimensioni e pesi

Dimensions and weights



FLANGE DN50 - DIN 2534 e UNI 2238

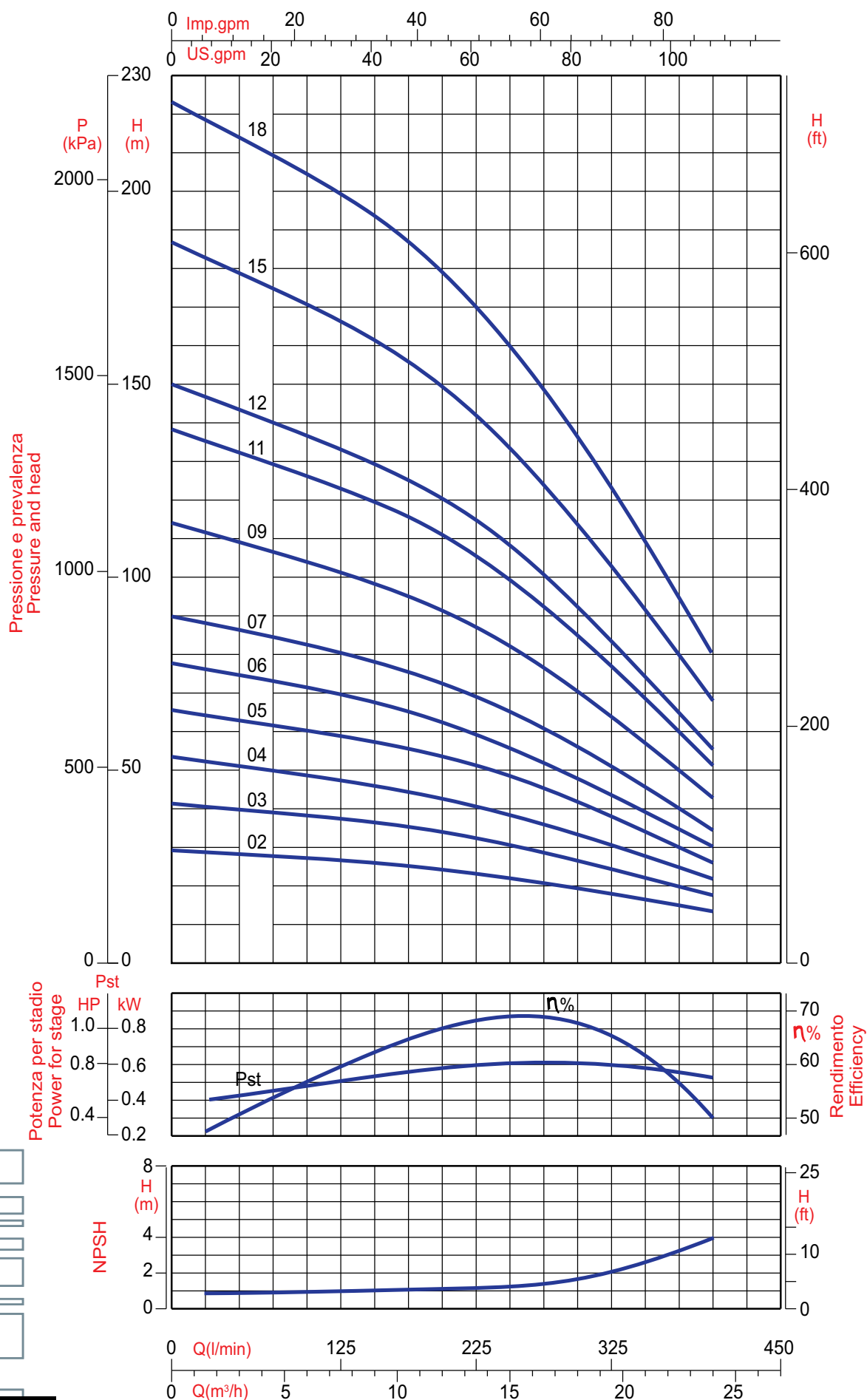
TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV5-02 20	496	23.8	270	12.9	90s	IMV18	177
KV5-03 30	537	24.6	270	15.5	90L	IMV18	177
KV5-04 40	578	25.6	340	22	100La	IMV18	177
KV5-05 50	618	26.4	340	27	112M	IMV18	197
KV5-06 50	660	27.3	340	27	112M	IMV18	197
KV5-08 75	742	33.5	402	39.5	132Sa	IMV1	300
KV5-09 75	783	34.4	402	39.5	132Sa	IMV1	300
KV5-11 100	909	36.2	402	45	132Sb	IMV1	300
KV5-12 100	950	37	402	45	132Sb	IMV1	300
KV5-14 150	1032	38.8	538	64	160Ma	IMV1	350
KV5-16 150	1114	40.6	538	64	160Ma	IMV1	350

* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



9
KV



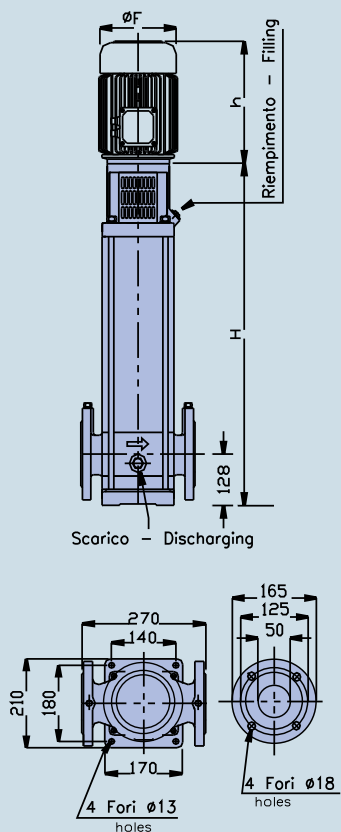
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	160	200	240	260	280	300	320	340	360	380	400
					Q(m³/h) 0	10.2	12	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8	24
					H=prevalenza totale in m.c.a. H=total head w.c.m.											
KV9-02 20	2	1.5	6.2	3.4	29	25	24	23	22	21	20	19	17	16	15	13
KV9-03 30	3	2.2	9.2	5	41	36	34	32	30	29	27	25	23	22	20	18
KV9-04 40	4	3	11.5	6.4	53	47	44	41	39	36	34	32	29	27	25	22
KV9-05 50	5.5	4	15.4	8.5	66	57	54	50	47	44	42	39	36	33	30	26
KV9-06 50	5.5	4	15.4	8.5	78	67	63	59	55	52	49	46	42	38	35	30
KV9-07 75	7.5	5.5	20	11.7	90	78	73	67	64	60	56	53	48	44	40	34
KV9-09 75	7.5	5.5	20	11.7	114	99	92	85	81	76	71	66	60	55	50	43
KV9-11 100	10	7.5	26	15.6	138	120	112	103	97	92	86	80	71	66	60	51
KV9-12 100	10	7.5	26	15.6	150	130	122	112	106	100	93	87	78	71	64	55
KV9-15 150	15	11	38	23.5	187	161	151	139	131	123	115	107	96	88	78	68
KV9-18 150	15	11	38	23.5	223	192	180	166	156	147	137	128	114	104	92	81

Dimensioni e pesi

Dimensions and weights



TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV9-02 20	528	24.4	270	12.9	90s	IMV18	177
KV9-03 30	585	25.6	270	15.5	90L	IMV18	177
KV9-04 40	642	26.7	340	22	100La	IMV18	177
KV9-05 50	699	27.9	340	27	112M	IMV18	197
KV9-06 50	756	29.1	340	27	112M	IMV18	197
KV9-07 75	857	34.7	402	39.5	132Sa	IMV1	300
KV9-09 75	914	37.9	402	39.5	132Sa	IMV1	300
KV9-11 100	1028	39.4	402	45	132Sb	IMV1	300
KV9-12 100	1085	40.6	402	45	132Sb	IMV1	300
KV9-15 150	1256	44.1	538	64	160Ma	IMV1	350
KV9-18 150	1427	47.7	538	64	160Ma	IMV1	350

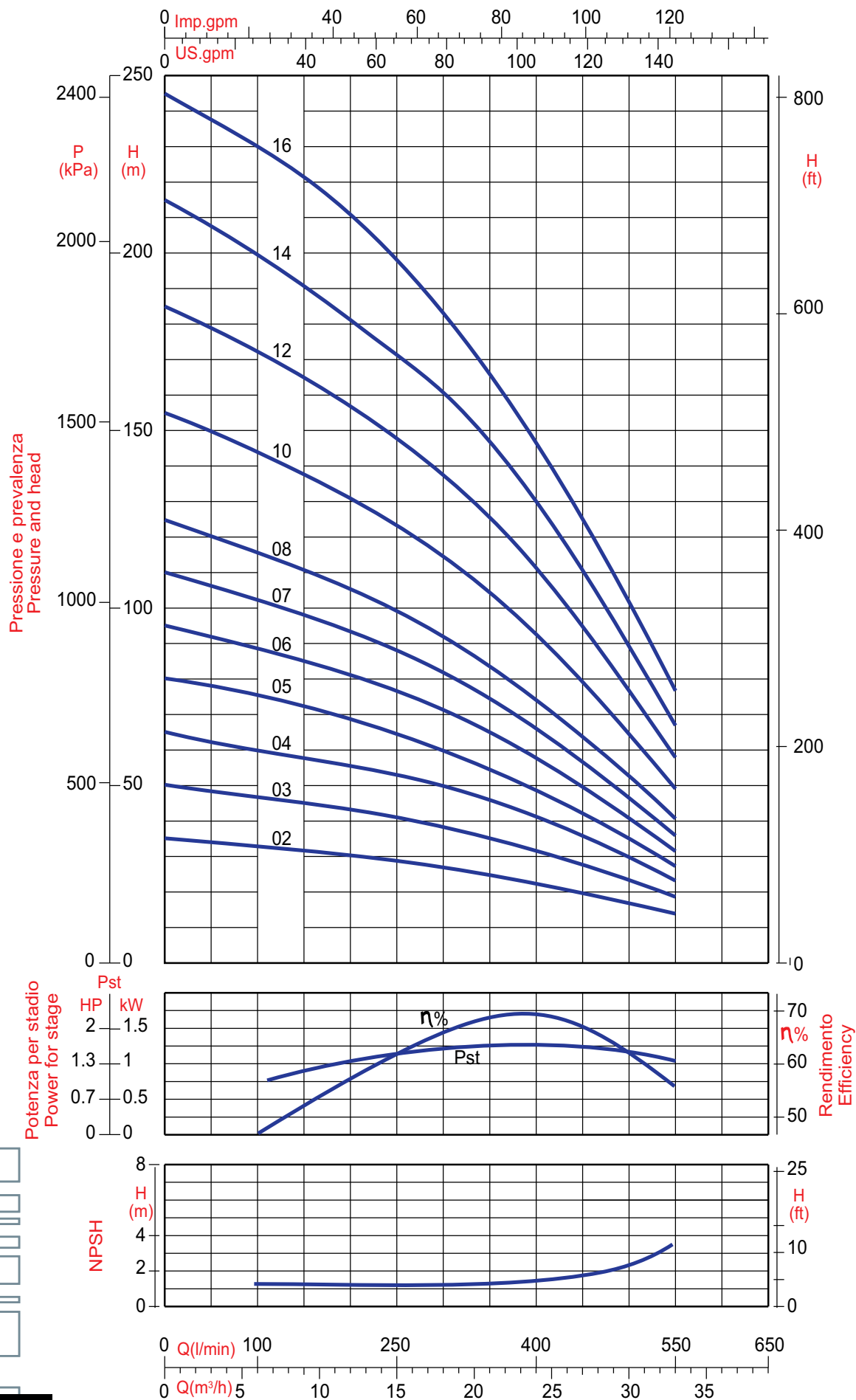
* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction

FLANGE DN50 - DIN 2534 e UNI 2238

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



KV10



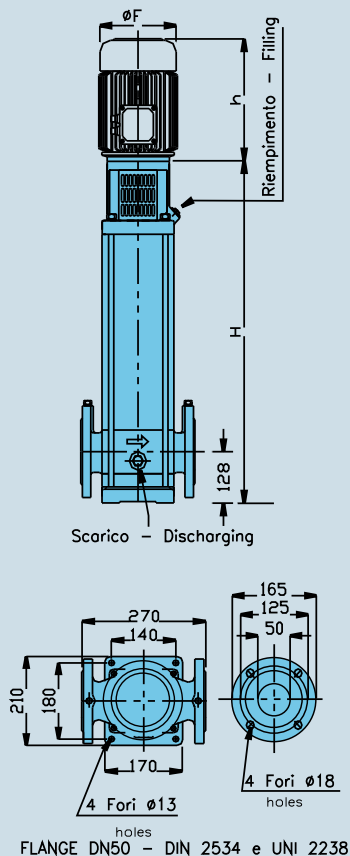
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE TRHEE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	200	250	300	325	350	375	400	425	450	500	550
					Q(m³/h) 0	12	15	18	19.5	21	22.5	24	25.5	27	30	33
					H=prevalenza totale in m.c.a. H=total head w.c.m.											
KV10-02 30	3	2.2	9.2	5	35	30	28	27	25	24	23	22	21	19	17	14
KV10-03 40	4	3	11.5	6.4	50	43	41	38	36	35	33	30	29	27	23	19
KV10-04 50	5.5	4	15.4	8.5	64	55	53	50	48	46	44	41	38	35	29	23
KV10-05 75	7.5	5.5	20	11.7	80	68	64	59	57	54	51	49	46	42	35	27
KV10-06 75	7.5	5.5	20	11.7	95	81	76	72	69	65	62	58	54	50	41	31
KV10-07 100	10	7.5	26	15.6	110	93	89	82	78	74	70	65	62	57	46	36
KV10-08 100	10	7.5	26	15.6	125	105	99	92	89	84	79	74	69	64	53	41
KV10-10 150	15	11	38	23.5	154	131	124	115	110	104	99	92	86	79	64	49
KV10-12 150	15	11	38	23.5	185	157	147	137	131	126	118	111	103	94	76	58
KV10-14 200	20	15	52	31.2	215	181	171	160	154	146	138	129	119	109	89	66
KV10-16 200	20	15	52	31.2	245	210	197	183	174	165	156	145	136	125	102	76

Dimensioni e pesi

Dimensions and weights



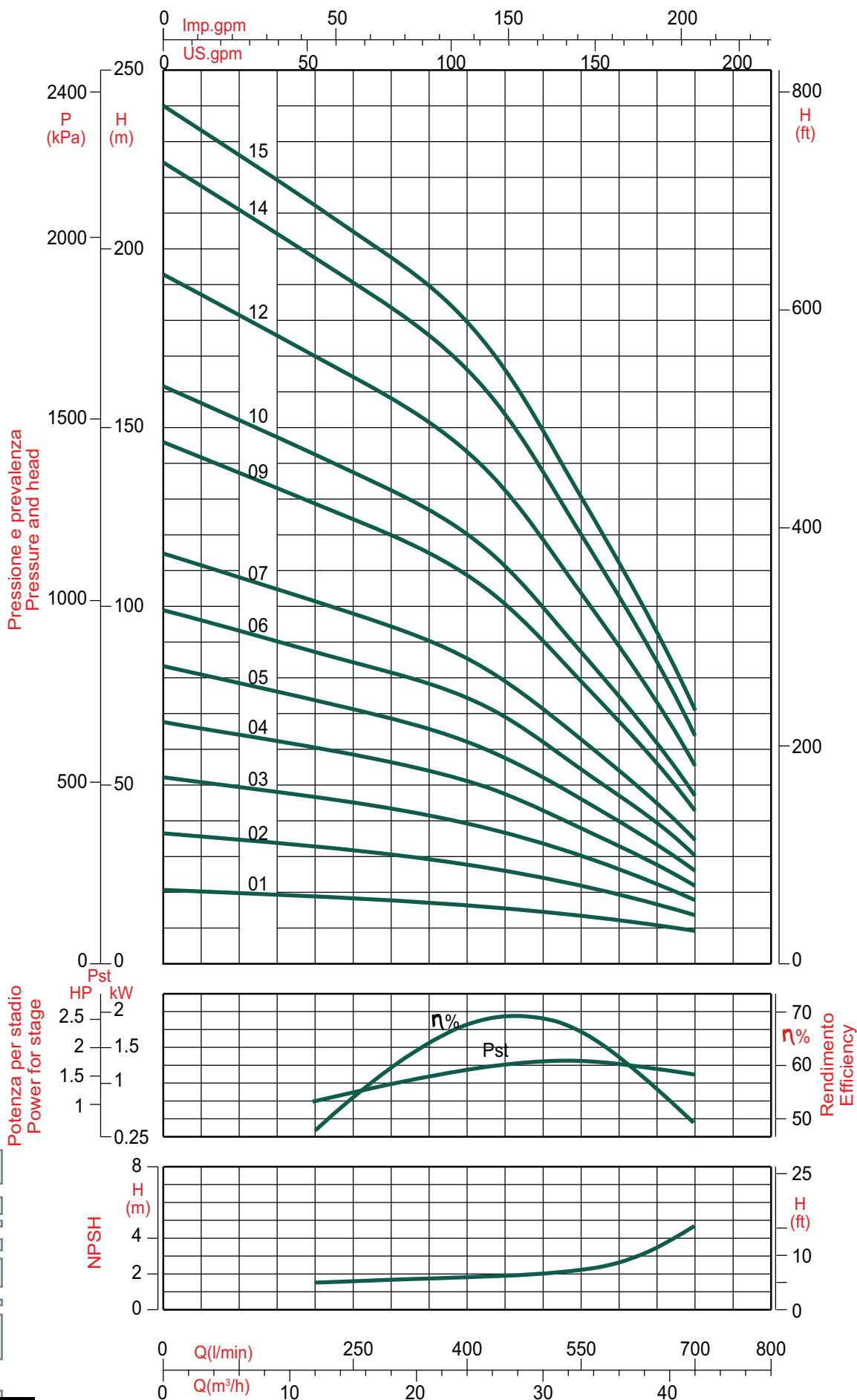
TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV10-02 30	528	30.1	270	15.5	90L	IMV18	177
KV10-03 40	585	31.2	340	22	100La	IMV18	177
KV10-04 50	642	32.4	340	27	112M	IMV18	197
KV10-05 75	699	38.0	402	39.5	132Sa	IMV1	300
KV10-06 75	800	39.2	402	39.5	132Sa	IMV1	300
KV10-07 100	857	40.4	402	45	132Sb	IMV1	300
KV10-08 100	914	41.6	402	45	132Sb	IMV1	300
KV10-10 150	1028	43.9	538	64	160Ma	IMV1	350
KV10-12 150	1142	46.3	538	64	160Ma	IMV1	350
KV10-14 200	1256	48.6	538	72	160Mb	IMV1	350
KV10-16 200	1370	51.0	538	72	160Mb	IMV1	350

* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



11KD



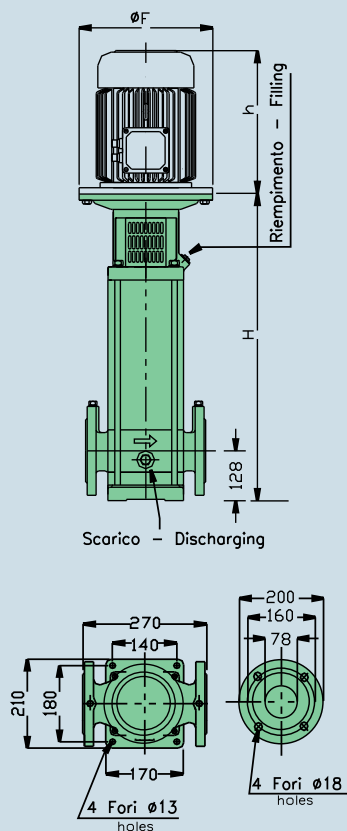
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	250	300	350	400	450	475	500	550	600	650	700
					Q(m³/h) 0	15	18	21	24	27	28.5	30	33	36	39	42
H=prevalenza totale in m.c.a. H=total head w.c.m.																
KV11-01 30	3	2.2	9.2	5	21	19	18	17	16	15	15	14	13	12	11	10
KV11-02 40	4	3	11.5	6.4	33	32	31	30	29	27	26	24	21	19	16	14
KV11-03 50	5.5	4	15.4	8.5	46	45	43	41	39	37	35	33	29	26	22	17
KV11-04 75	7.5	5.5	20	11.7	60	57	56	54	51	47	43	42	37	33	28	21
KV11-05 100	10	7.5	26	15.6	73	71	69	66	62	58	55	52	46	40	33	26
KV11-06 100	10	7.5	26	15.6	87	84	81	78	74	69	64	61	54	47	39	30
KV11-07 150	15	11	38	23.5	101	97	94	90	85	79	75	71	62	54	45	34
KV11-09 150	15	11	38	23.5	128	123	120	115	108	101	95	90	79	68	56	42
KV11-10 200	20	15	52	31.2	142	137	133	127	120	111	105	99	87	75	62	47
KV11-12 200	20	15	52	31.2	170	163	158	152	143	133	126	118	103	89	74	55
KV11-14 250	25	18.5	63	38	197	190	184	176	166	154	155	137	120	103	85	63
KV11-15 250	25	18.5	63	38	211	203	197	188	178	165	154	146	128	110	91	71

Dimensioni e pesi

Dimensions and weights



TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV11-01 30	471	28.9	270	15.5	90L	IMV18	177
KV11-02 40	528	30.1	340	22	100La	IMV18	177
KV11-03 50	585	31.2	340	27	112M	IMV18	197
KV11-04 75	689	36.9	402	39.5	132Sa	IMV1	300
KV11-05 100	743	38.0	402	45	132Sb	IMV1	300
KV11-06 100	800	39.3	402	45	132Sb	IMV1	300
KV11-07 150	857	41.0	538	64	160Ma	IMV1	350
KV11-09 150	914	43.4	538	64	160Ma	IMV1	350
KV11-10 200	971	46.3	538	72	160Mb	IMV1	350
KV11-12 200	1085	48.3	538	72	160Mb	IMV1	350
KV11-14 250	1199	50.7	538	84	160L	IMV1	350
KV11-15 250	1256	51.7	538	84	160L	IMV1	350

* Dimensioni e pesi variabile secondo indicazioni del costruttore

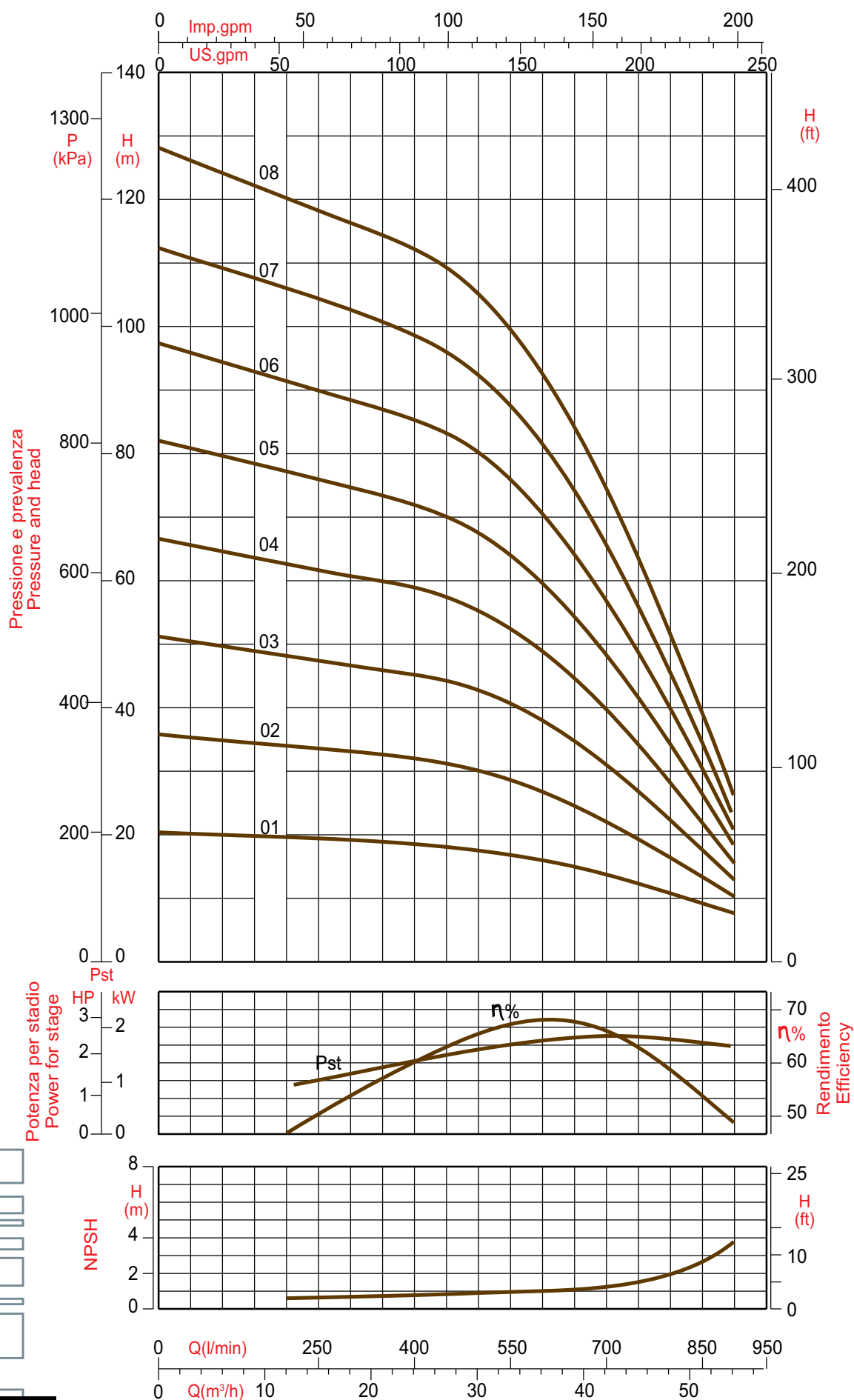
* Variable dimensions and weights as per manufacturer's instruction

FLANGE DN80 - DIN 2534 e UNI 2238

Si riserva la facoltà di apportare modifiche senza obbligo di preavviso
Reserves the right to make modification without prior notice

Curve caratteristiche 2 poli/50Hz

Performance curves 2 poles/50Hz



KDU12



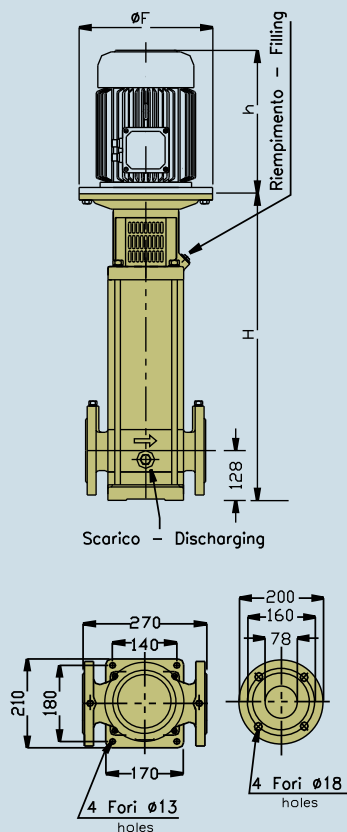
2 poli/50 Hz

2 poles/50 Hz

TIPO - TYPE	DATI FUNZIONAMENTO MOTORE MOTOR OPERATING DATA				DATI IDRAULICI - HYDRAULIC DATA											
TRIFASE THREE - PHASE 400 V 50 Hz	POTENZA POWER		CORRENTE CURRENT		PORTATA CAPACITY											
	HP	kW	A 3x230 V	A 3x400 V	Q(l/min) 0	350	400	450	500	550	600	650	700	750	800	900
					Q(m³/h) 0	21	24	27	30	33	36	39	42	45	48	54
					H=prevalenza totale in m.c.a. H=total head w.c.m.											
KV12-01 30	3	2.2	9.2	5	21	20	19	18	17	16	15	14	13	12	11	10
KV12-02 50	5.5	4	15.4	8.5	36	33	32	31	30	29	27	25	22	20	17	10
KV12-03 75	7.5	5.5	20	11.7	51	46	46	44	43	40	38	35	31	27	22	13
KV12-04 100	10	7.5	26	15.6	67	60	59	58	55	52	49	45	40	34	28	15
KV12-05 150	15	11	38	23.5	82	73	72	71	68	64	60	55	48	42	34	18
KV12-06 150	15	11	38	23.5	97	87	86	84	81	76	71	65	57	49	40	21
KV12-07 200	20	15	52	31.2	113	101	100	97	93	88	82	75	66	56	45	23
KV12-08 200	20	15	52	31.2	128	114	113	110	106	99	93	85	74	64	51	26

Dimensioni e pesi

Dimensions and weights



FLANGE DN80 - DIN 2534 e UNI 2238

TIPO - TYPE	POMPA PUMP		MOTORE 2 POLI 50 Hz IP55 2 POLES 50 Hz IP55 MOTOR				
	H	kg	h*	kg*	Grandezza Frame size IEC 72	Forma Flange	F
KV12-01 30	477	29.1	270	15.5	90L	IMV18	177
KV12-02 50	537	30.4	340	27	112M	IMV18	177
KV12-03 75	637	36.0	340	27	112M	IMV18	300
KV12-04 100	697	37.3	402	39.5	132Sa	IMV1	300
KV12-05 150	757	39.1	538	64	160Ma	IMV1	350
KV12-06 150	817	40.3	402	64	160Ma	IMV1	350
KV12-07 200	877	43.0	538	72	160Mb	IMV1	350
KV12-08 200	937	44.2	538	72	160Mb	IMV1	350

* Dimensioni e pesi variabile secondo indicazioni del costruttore

* Variable dimensions and weights as per manufacturer's instruction