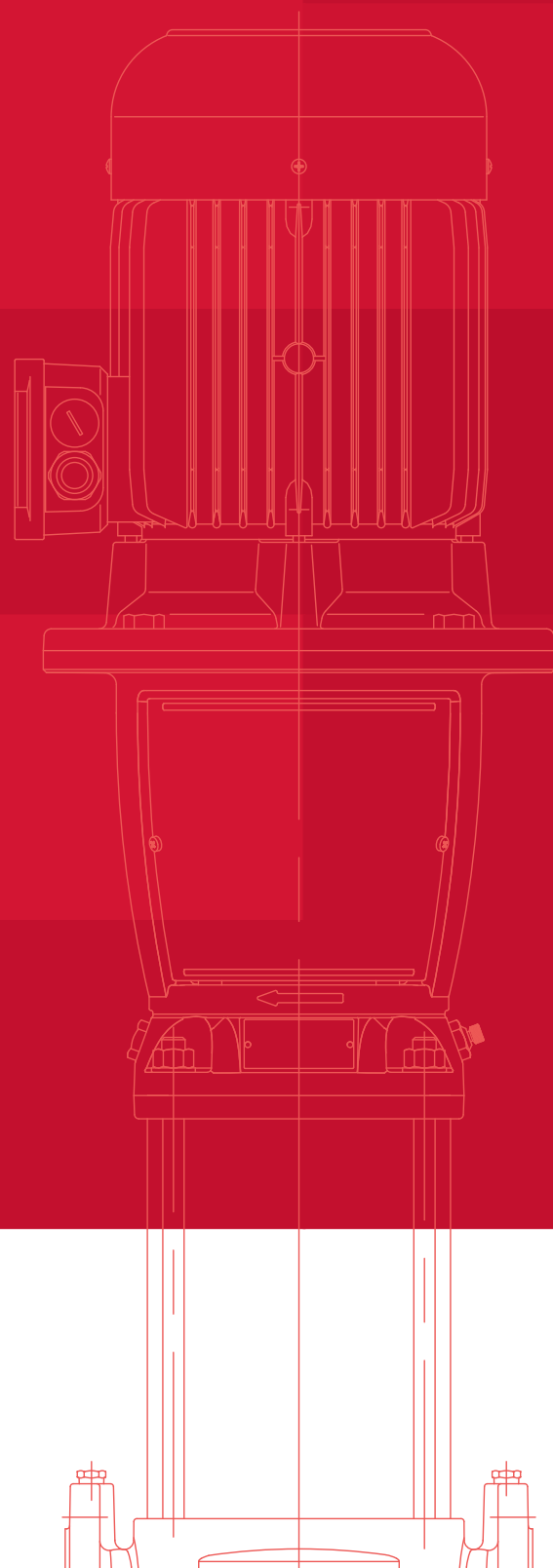


Serie XVM

Curvas de características

60 Hz



Datos eléctricos.....	4
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Tabla de prestaciones hidráulicas	5-7
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Curvas de características 60 Hz, 2 polos a 3500 rpm

XVM2	8
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XVM4	9
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XVM8	10
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XVM16.....	11
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XVM33.....	12
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XVM46.....	13
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XVM66.....	14
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XVM92.....	15
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Notas	16
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Motores monofásicos para la serie XVM 60 Hz, 2 polos

TIPO DE MOTOR			CORRIENTE ABSORBIDA	CONDENSADOR		DATOS RELATIVOS A LA TENSIÓN DE 220 V 60 Hz					
kW	Tamaño IEC	Forma Constructiva	In (A) 220-230 V	μF	V	min ⁻¹	Is/In	η %	cosφ	Tn Nm	Ts/Tn
0.55	71	B14	3.14-3.69	16	450	3420	3.88	68.7	0.97	1.54	0.60
0.75	80	B14	4.95-4.84	20	450	3430	3.72	70.6	0.98	2.09	0.53
1.1	80	B14	6.98-6.85	30	450	3445	4.51	73.9	0.97	3.05	0.57
1.5	90	B14	9.20-9.22	40	450	3450	4.49	76.8	0.97	4.15	0.47
2.2	90	B14	13.1-12.9	60	450	3425	4.52	79.8	0.95	6.14	0.49

Motores trifásicos para la serie XVM 60 Hz, 2 polos

TIPO DE MOTOR			CORRIENTE ABSORBIDA In (A) TRIFÁSICO		DATOS RELATIVOS A LA TENSIÓN DE 380 V 60 Hz					
kW	Tamaño IEC	Forma Constructiva	Δ 220 V	Y 380 V	min ⁻¹	Is/In	η %	cosφ	Tn Nm	Ts/Tn
0.55	71	B14	2.34	1.35	3385	5.64	75.9	0.82	1.55	3.37
0.75	80	B14	3.24	1.87	3390	5.76	72.9	0.84	2.11	3.09
1.1	80	B14	4.16	2.4	3420	6.26	79.3	0.88	3.07	2.52
1.5	90	B14	5.58	3.22	3435	6.77	80	0.88	4.17	2.94
2.2	90	B14	7.79	4.5	3420	7.31	83.4	0.89	6.14	3.20
3	100	B14	10.36	5.98	3445	7.10	86.5	0.89	8.36	2.96
4	112	B14	13.06	7.54	3475	8.20	88.4	0.91	11	3.23
5.5	132	B5	17.67	10.2	3465	8.85	87.9	0.93	15.2	3.16
7.5	132	B5	24.07	13.9	3505	7.54	89.7	0.91	20.4	2.31
11	160	B5	35.51	20.5	3485	7.73	88.7	0.92	30.1	2.61
15	160	B5	46.59	26.9	3525	6.5	92.1	0.92	40.6	1.77
18.5	160	B5	57.33	33.1	3540	7.94	93	0.91	49.9	2.20
22	180	B5	68.07	39.3	3530	7.36	91.5	0.93	59.5	2.05
30	200	B5	98	57	3540	6.80	92.5	0.87	81	2.40
37	200	B5	119	69	3540	7.20	92.9	0.88	100	2.50
45	225	B5	145	84	3550	6.70	92.9	0.88	121	2.40

Series XVM2-16, 2 polos

TIPO DE BOMBA	P2		l/min m³/h	0	30	40	50	60	70	85	100	125	140	160
	kW	HP		0	1.8	2.4	3	3.6	4.2	5.1	6	7.5	8.4	9.6
XVM2 02	0.55	0.75		30	27	25	23	20	17	11				
XVM2 03	0.75	1		45	41	38	34	30	25	16.5				
XVM2 04	1.1	1.5		60	54	50	46	40	33	22				
XVM2 05	1.1	1.5		75	68	63	57	50	42	27.5				
XVM2 06	1.5	2		89	82	76	68	59	50	33				
XVM2 07	1.5	2		104	95	88	80	69	58	39				
XVM2 09	2.2	3		133	123	113	103	89	75	50				
XVM2 11	3	4		162	150	139	125	109	91	61				
XVM2 13	3	4		192	177	164	148	129	108	72				
XVM2 15	4	5.5		222	204	189	171	149	125	83				
XVM2 16	4	5.5		237	218	202	182	158	133	88				
XVM4 02	0.55	0.5		27			24	23	22	21	19	14.8	12	8
XVM4 03	1.1	1.5		40			36.5	35	34	31	28	22	18	12
XVM4 04	1.1	1.5		55			48.5	47	45	41	38	30	24	16
XVM4 05	1.5	2		67			61	59	56	52	47	37	30	20
XVM4 06	2.2	3		82.5			73	70	67	62	56	45	36	24
XVM4 07	2.2	3		95			85	82	78	73	66	52	42	28
XVM4 08	2.2	3		108			97	94	90	83	75	59	48	32
XVM4 09	3	4		122			109	105	101	93	85	67	54	37
XVM4 11	3	4		150			134	129	123	114	103	82	67	45
XVM4 13	4	5.5		177			158	152	146	135	122	86	79	53
XVM4 15	4	5.5		204			182	176	168	156	141	111	91	61

TIPO DE BOMBA	P2		l/min m³/h	0	125	140	160	167	200	233	283	350	400	450
	kW	HP		0	7.5	8.4	9.6	10	12	14	17	21	24	27
XVM8 02	2.2	3		40	36	35.5	34.5	34	31	27	19.5			
XVM8 03	3	4		60	55	53	51	51	46	40	29			
XVM8 04	4	5.5		80	73	71	69	68	61	53	39			
XVM8 05	4	5.5		99	91	89	86	84	77	67	49			
XVM8 06	5.5	7.5		119	109	107	103	101	92	80	58			
XVM8 07	5.5	7.5		138	127	125	120	118	107	93	68			
XVM8 08	7.5	10		158	145	142	137	135	122	107	78			
XVM8 09	7.5	10		178	164	160	154	152	138	120	87			
XVM8 10	11	15		197	182	178	172	169	153	133	97			
XVM8 11	11	15		217	200	196	189	186	168	146	107			
XVM8 12	11	15		237	218	214	206	203	184	160	117			
XVM16 02	4	5.5		49				46	45.5	44	42	36	31	24.5
XVM16 03	5.5	7.5		73				70	68	66	62	55	47	37
XVM16 04	7.5	10		97				93	91	89	83	73	63	49
XVM16 05	11	15		122				117	114	111	104	91	78	61
XVM16 06	11	15		147				140	137	133	125	109	94	73
XVM16 07	11	15		172				163	160	155	145	127	110	85
XVM16 08	15	20		196				186	182	177	166	146	125	98
XVM16 09	15	20		220				210	205	199	187	164	141	110

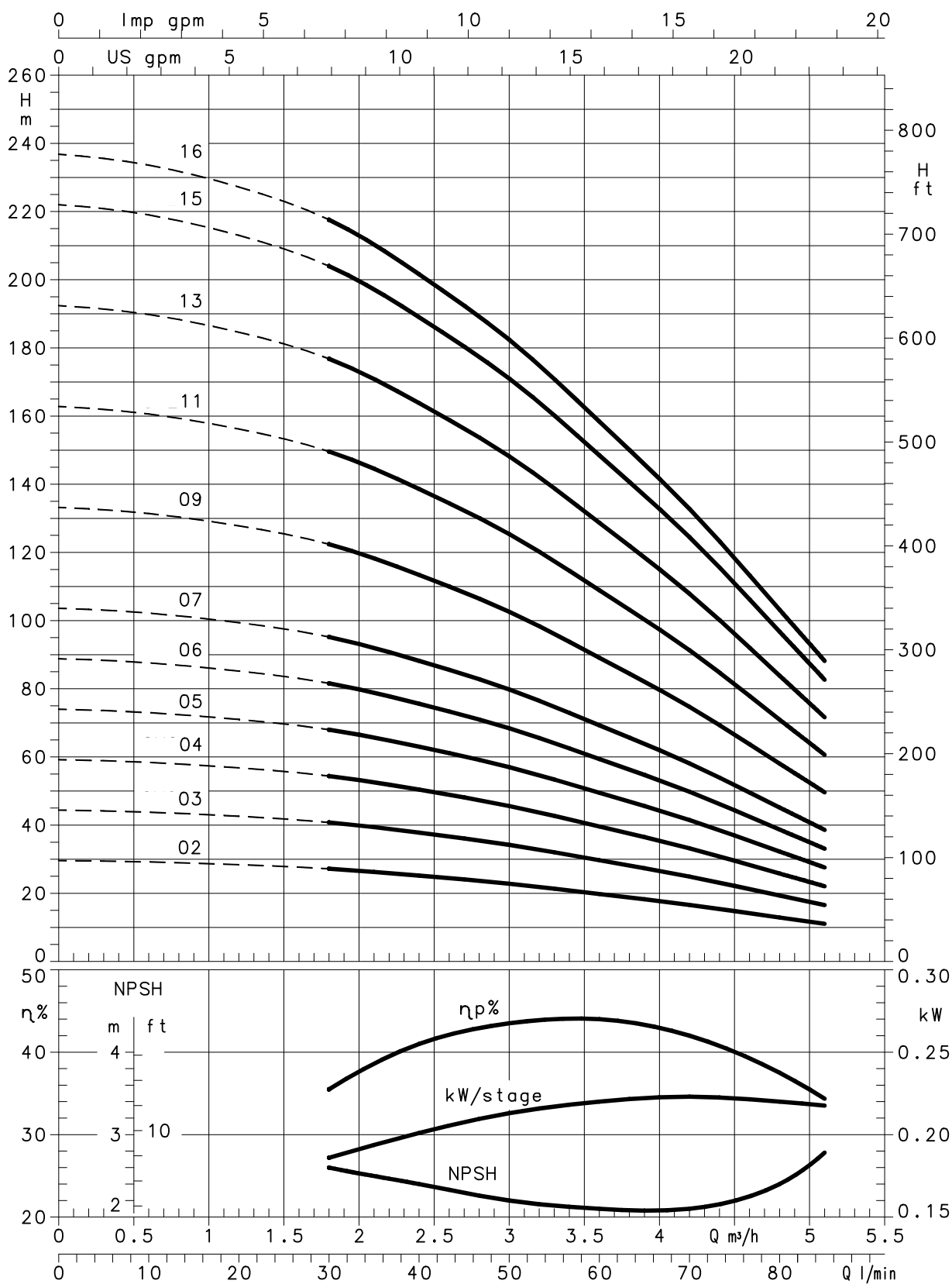
Series XVM33-46, 2 polos

TIPO DE BOMBA	P2		l/min m³/h	0 0	300 18	350 21	400 24	450 27	550 33	700 42	800 48	900 54	1000 60	1200 72
XVM33 01/1	3	4		24.5	22.8	22.2	21.5	20.6	18.2	13	8.3			
XVM33 01	5.5	7.5		34.5	33.1	32.7	32.2	31.6	30.1	26.6	23.2			
XVM33 02/2	5.5	7.5		49.6	47.7	46.7	45.3	43.6	39	28.9	20			
XVM33 02/1	7.5	10		59.6	56.5	55.5	54.3	52.8	48.9	40.2	32.2			
XVM33 02	11	15		69.4	66.8	66	65	64	61	54	47.3			
XVM33 03/2	11	15		86	81.8	80	78	76	70	57	44.7			
XVM33 03/1	11	15		94.7	90.4	89	87	85	80	68	56.9			
XVM33 03	15	20		104.2	100.2	99	98	96	91	81	71.1			
XVM33 04/2	15	20		119.8	114.8	113	110	107	99	82	65			
XVM33 04/1	15	20		128.9	123.7	122	120	117	110	94	79			
XVM33 04	18.5	25		138.3	132.9	131	129	127	121	107	93.8			
XVM33 05/2	18.5	25		155.8	149.4	147	145	141	132	112	94.1			
XVM33 05/1	22	30		163.9	157.5	155	153	150	142	123	105.3			
XVM33 05	22	30		173	166.2	164	162	159	151	134	117.3			
XVM33 06/2	22	30		189	181.7	179	176	172	162	139	116			
XVM33 06/1	30	40		199.2	191.9	190	187	183	174	152	130.4			
XVM33 06	30	40		208.5	200.9	199	196	192	183	163	142.8			
XVM33 07/2	30	40		224.6	216.5	214	210	206	194	168	141.8			
XVM33 07/1	30	40		233.9	225.4	223	219	215	204	179	154.2			
XVM33 07	30	40		243.3	234.3	232	228	225	214	190	166.6			
XVM33 08/2	37	50		259.3	250	247	243	238	225	195	165.6			
XVM33 08/1	37	50		268.7	258.9	256	252	247	235	206	178			
XVM33 08	37	50		278.1	267.8	265	261	257	245	217	190.4			
XVM46 01/1	5.5	7.5		29.1				28.6	27.7	25.4	23.1	20.2	16.7	7.9
XVM46 01	7.5	10		39.9				36	34.2	31.6	29.6	27.1	24.2	16.4
XVM46 02/2	11	15		56.7				58.8	58	54	50	45.2	39.1	24
XVM46 02/1	11	15		67.8				64.8	63	59	55	50	44.3	29
XVM46 02	15	20		78.2				72.1	70	67	64	60	54.7	40.8
XVM46 03/2	18.5	25		95.5				94.6	93	87	82	75	66	44.2
XVM46 03/1	18.5	25		106.1				101	99	93	88	82	74	52.1
XVM46 03	18.5	25		117.2				108.1	106	100	95	89	82	61.5
XVM46 04/2	22	30		134.1				130.3	127	120	113	103	92	62.7
XVM46 04/1	30	40		144.2				137.3	134	127	120	111	101	73
XVM46 04	30	40		155.7				143.9	140	133	126	118	108	80
XVM46 05/2	30	40		171.6				166.7	163	154	146	134	121	86
XVM46 05/1	30	40		183.1				173.3	169	160	152	141	127	93
XVM46 05	37	50		194.6				179.9	176	166	158	147	134	100
XVM46 06/2	37	50		210.5				202.7	198	188	177	164	147	105.9
XVM46 06/1	37	50		222				209.3	205	194	183	170	154	112.9
XVM46 06	37	50		233.6				215.9	211	200	190	177	161	120.1
XVM46 07/2	45	60		250.3				239.5	234	222	210	194	176	127.6
XVM46 07/1	45	60		261.8				246.2	241	228	216	201	183	134.6
XVM46 07	45	60		273.4				252.8	247	234	222	208	190	141.7

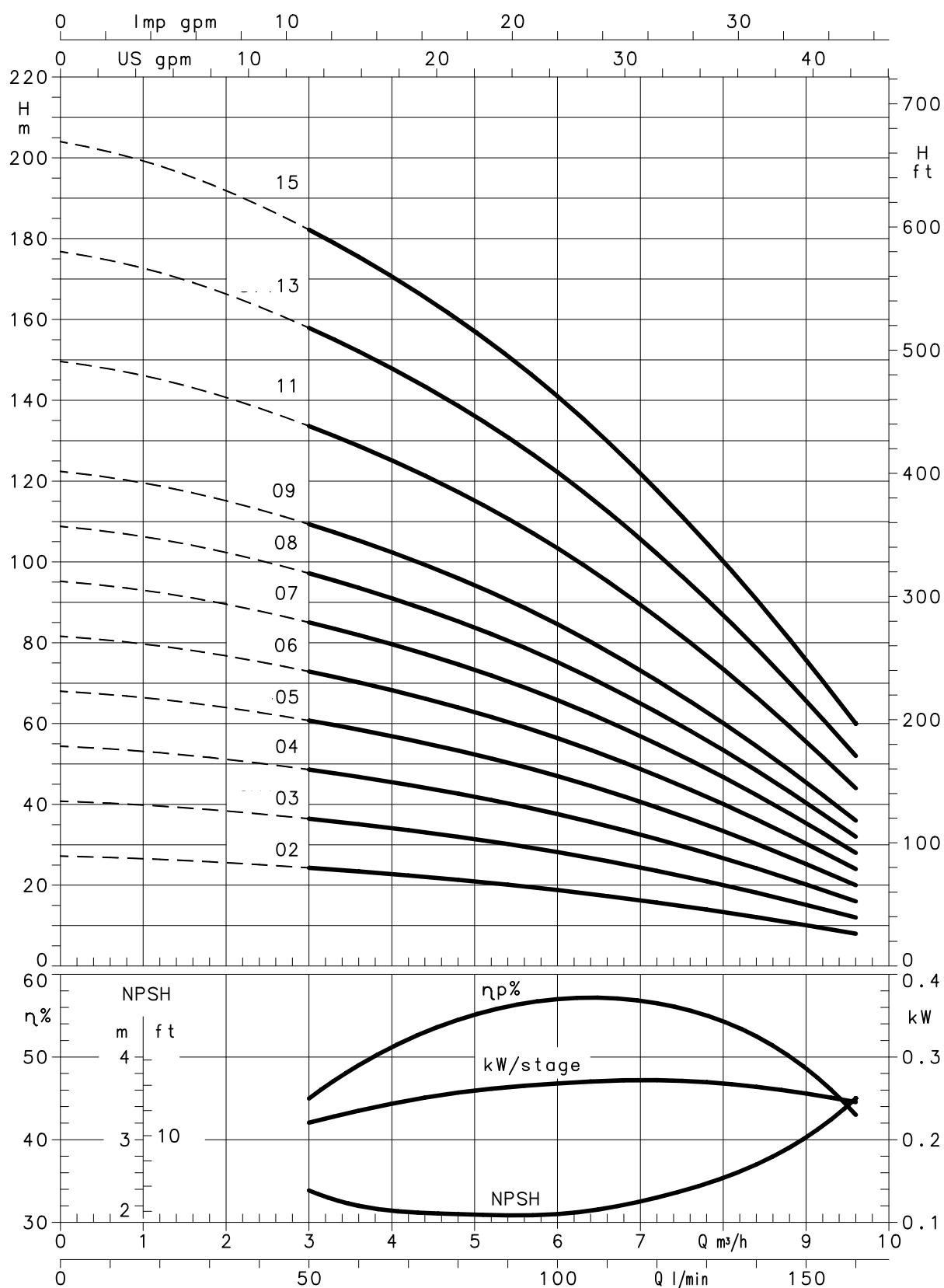
Series XVM66-92, 2 polos

TIPO DE BOMBA	P2		l/min m³/h	0	600	800	900	1200	1400	1600	1700	2000	2200	2400
	kW	HP		0	36	48	54	72	84	96	102	120	132	144
XVM66 01/1	7.5	10		31.4	28.6	26.7	25.6	21.2	17	11	7.8			
XVM66 01	11	15		43.8	40	37.9	36.8	33.1	29.9	25.9	23.4			
XVM66 02/2	15	20		64.5	60.1	58	56	49.4	42	32.8	27			
XVM66 02/1	18.5	25		74.9	69.7	67	65	58	51	42.3	37.1			
XVM66 02	18.5	25		85.4	79.5	76	74	66	60	52	47.7			
XVM66 03/2	22	30		106.6	99.5	96	93	82	72	59	52.2			
XVM66 03/1	30	40		117.4	110.3	106	103	92	82	70	63.7			
XVM66 03	30	40		127.8	120.3	115	112	101	92	80	74			
XVM66 04/2	37	50		149.1	139.9	135	131	117	103	87	77.5			
XVM66 04/1	37	50		159.2	150	144	141	126	113	97	88.1			
XVM66 04	37	50		169.3	160.2	154	150	136	123	108	98.6			
XVM66 05/2	45	60		191.9	180.9	174	170	152	135	115	103.2			
XVM66 05/1	45	60		202	191.2	184	180	162	146	125	113.6			
XVM66 05	45	60		212.2	201.4	194	189	172	156	136	124.1			
XVM92 01/1	11	15		36.4			31.8	29.7	27.8	25.3	23.9	18.3	13.5	7.6
XVM92 01	15	20		49.5			41.7	37.7	35.3	33	31.9	28.1	24.7	19.9
XVM92 02/2	18.5	25		69.9			64	60	57	52	50	39.6	31.1	21.1
XVM92 02/1	22	30		83.6			74.2	69	65	60	58	49	41.5	32.1
XVM92 02	30	40		97.9			84.7	78	73	69	66	59	52	43.8
XVM92 03/2	37	50		117.4			106.3	100	94	88	84	71	60	46.1
XVM92 03/1	37	50		131.5			117.5	109	103	96	92	80	69	56.5
XVM92 03	45	60		144.9			127.8	118	111	104	101	90	81	68.4
XVM92 04/2	45	60		163			147.6	138	131	122	117	100	86	67.8

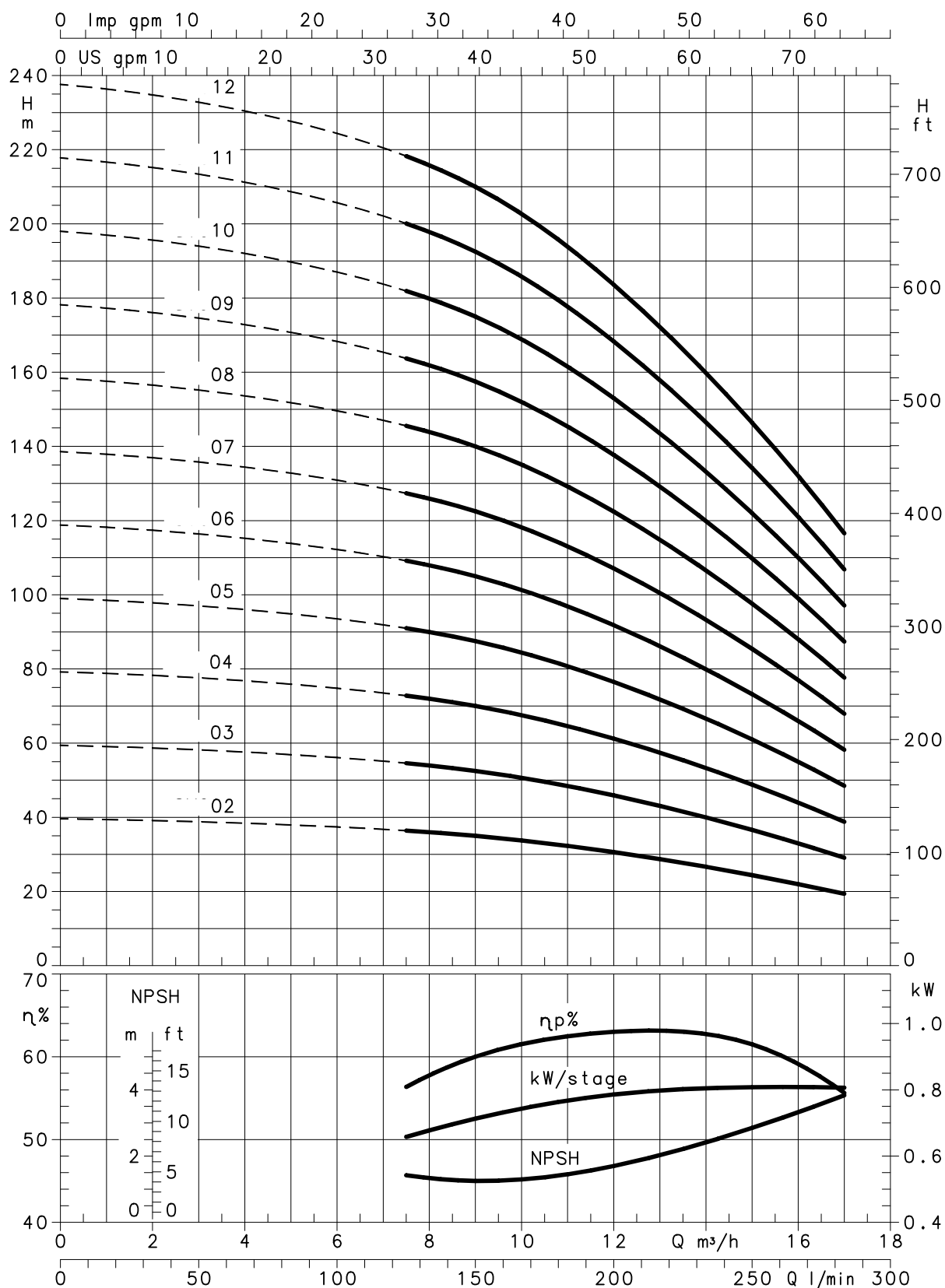
Serie XVM2



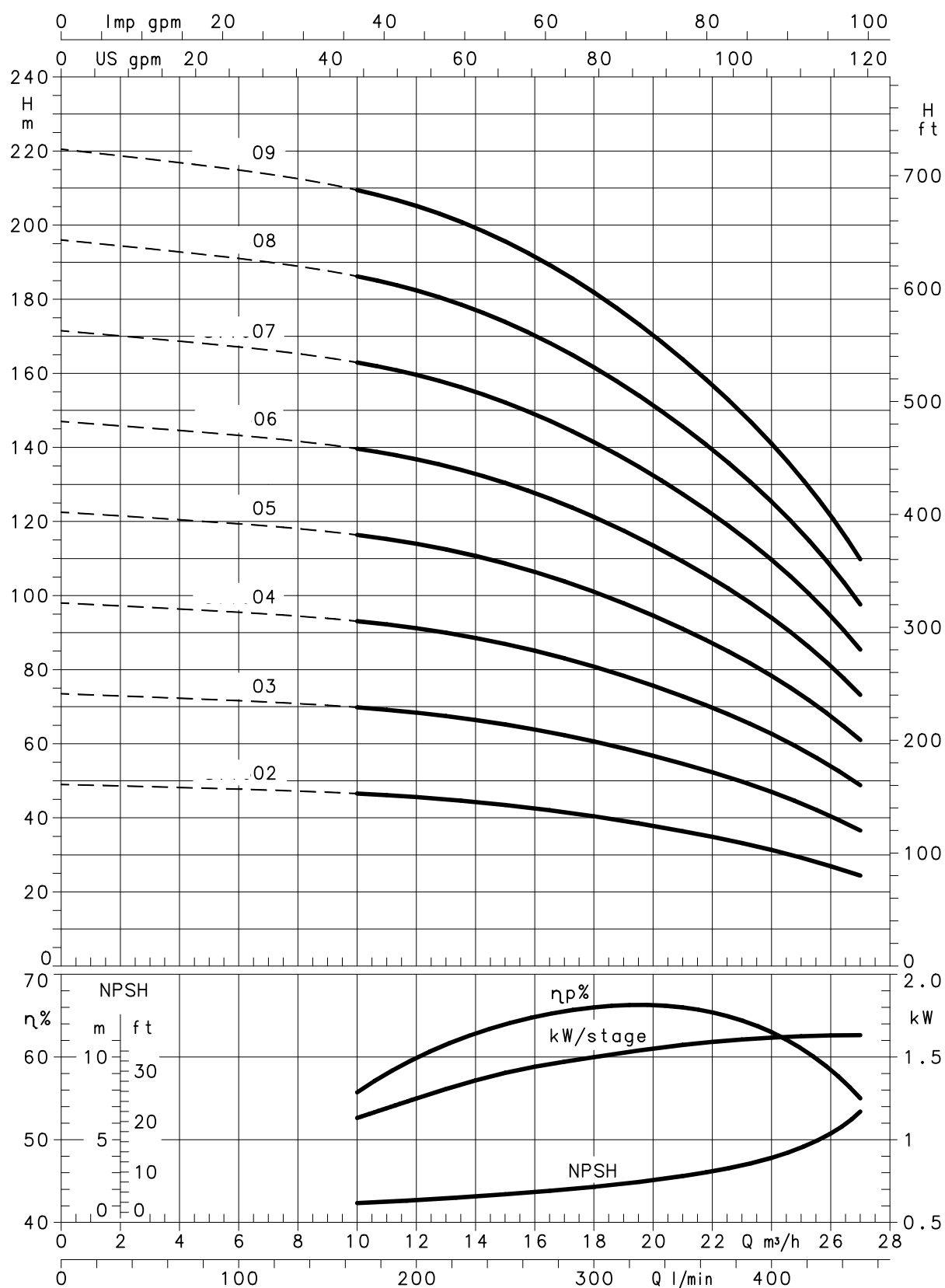
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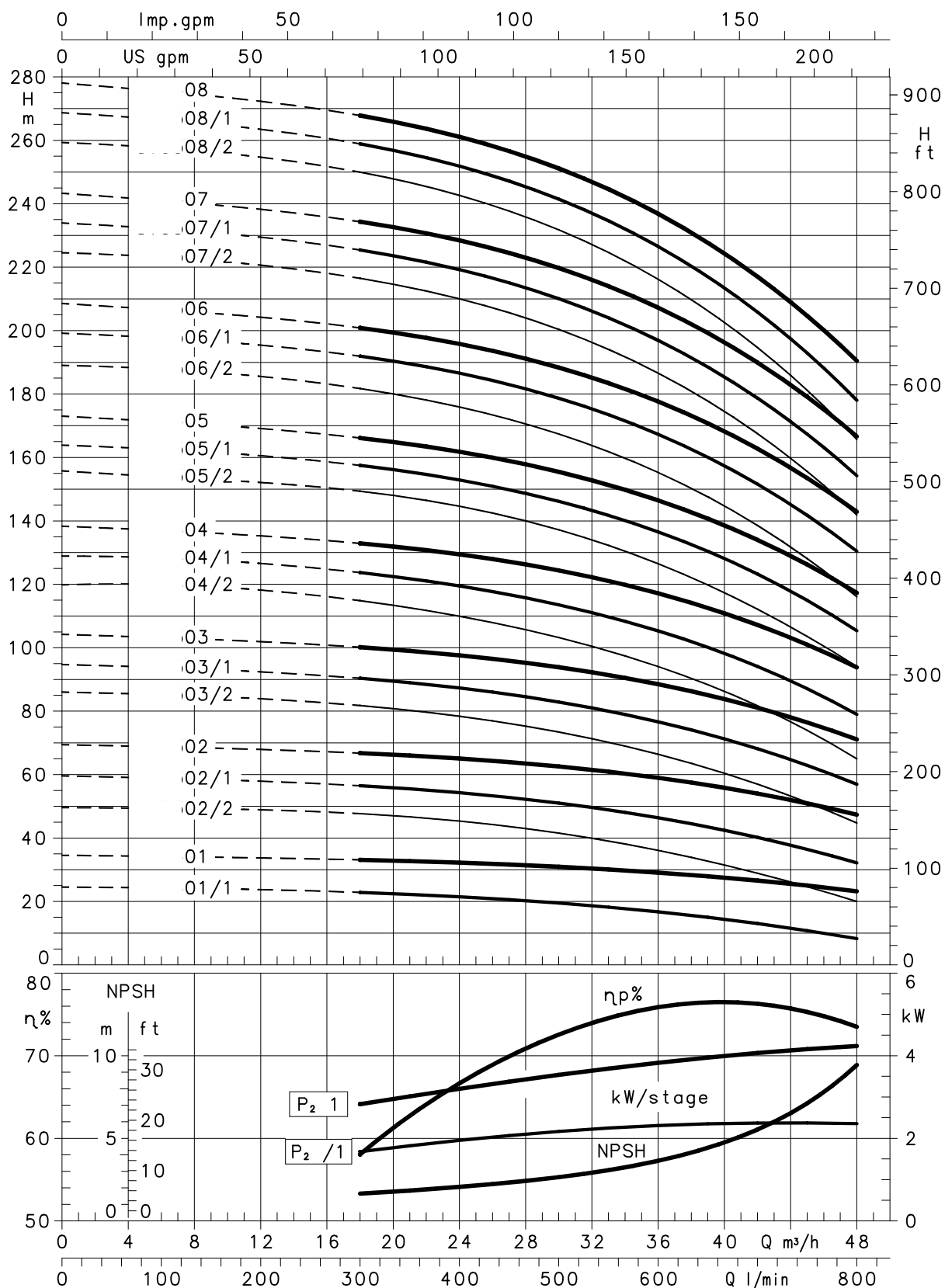
Serie XVM8



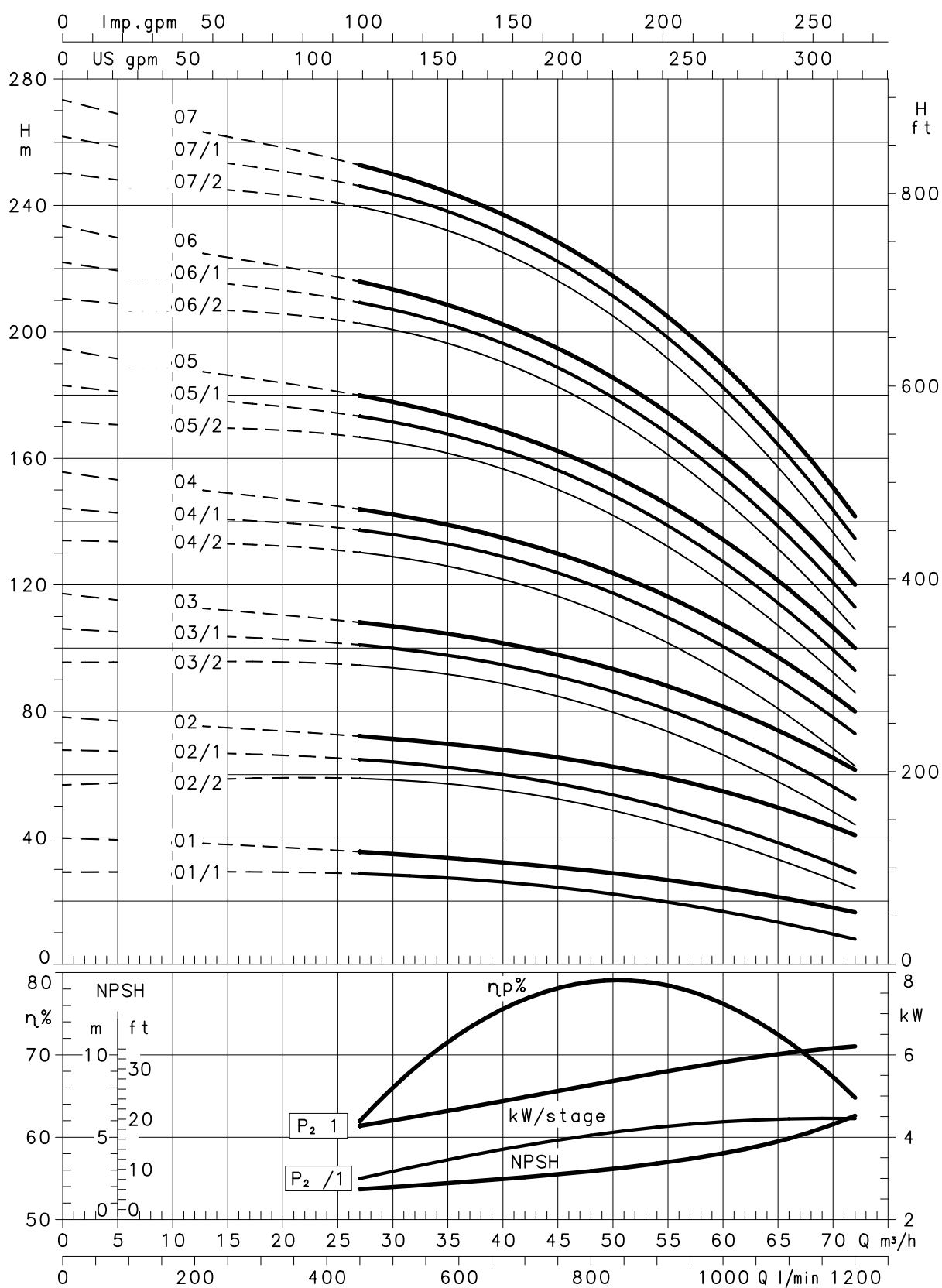
Serie XVM16



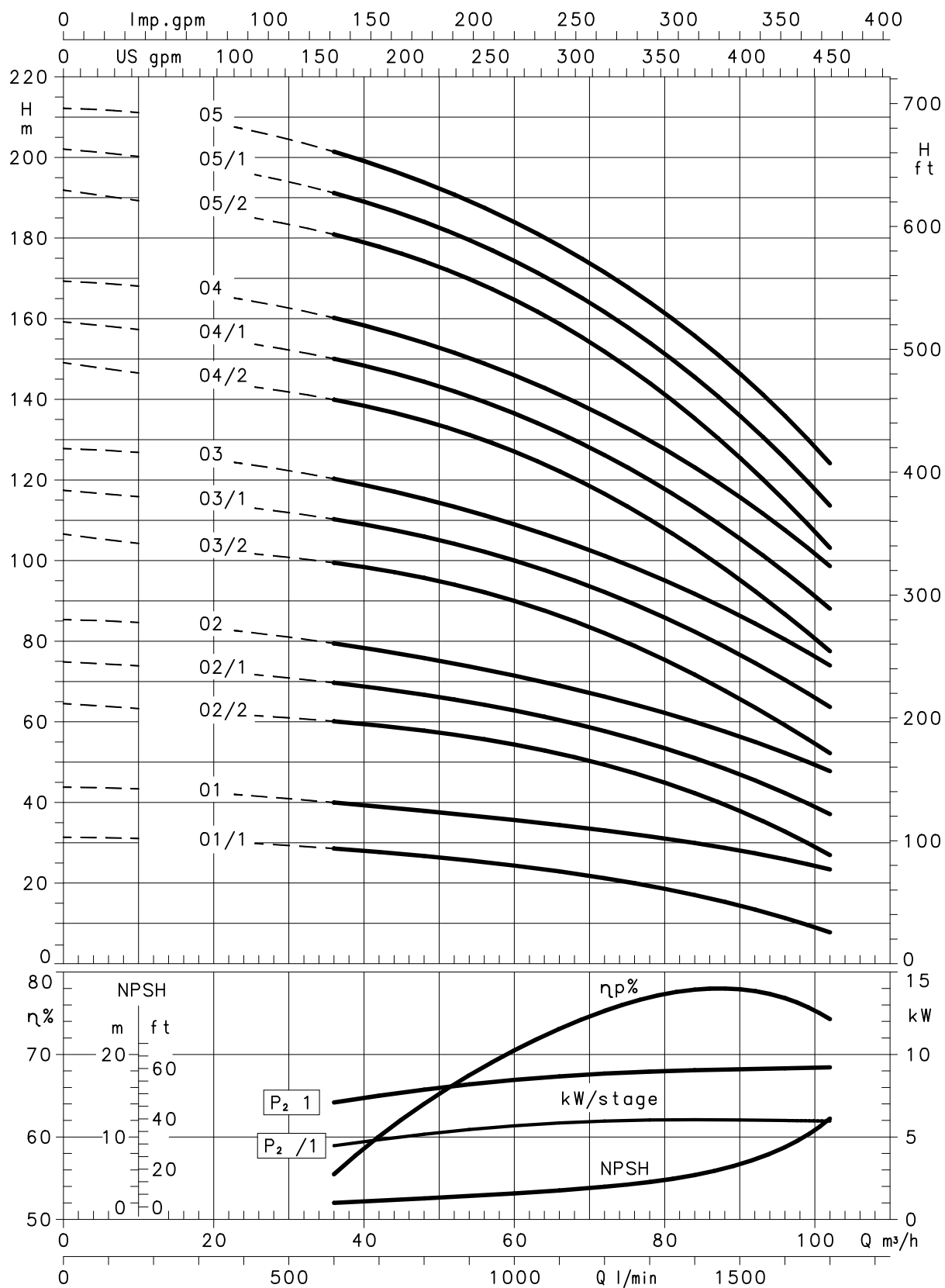
Serie XVM33



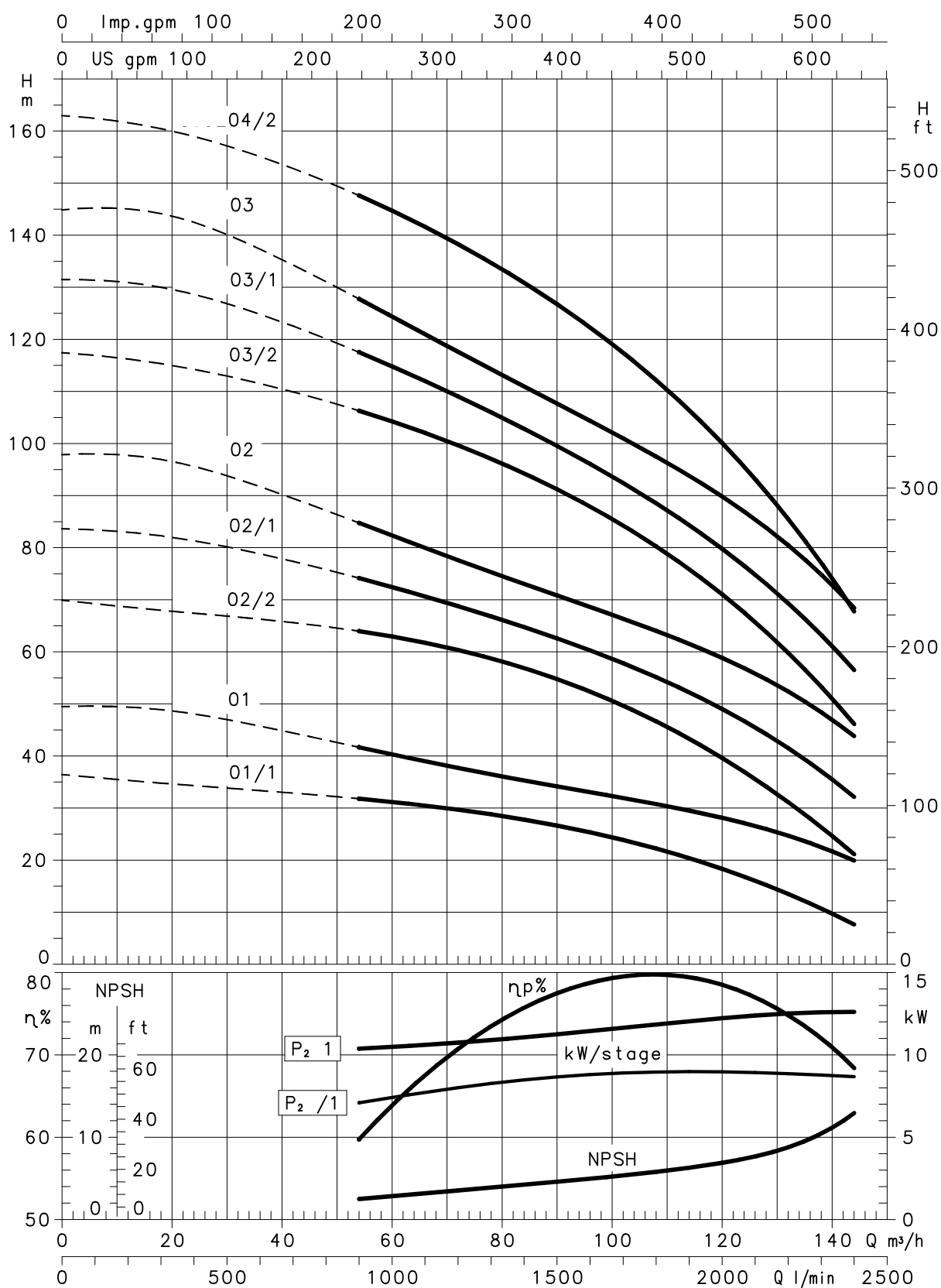
Serie XVM46



Serie XVM66



Serie XVM92



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