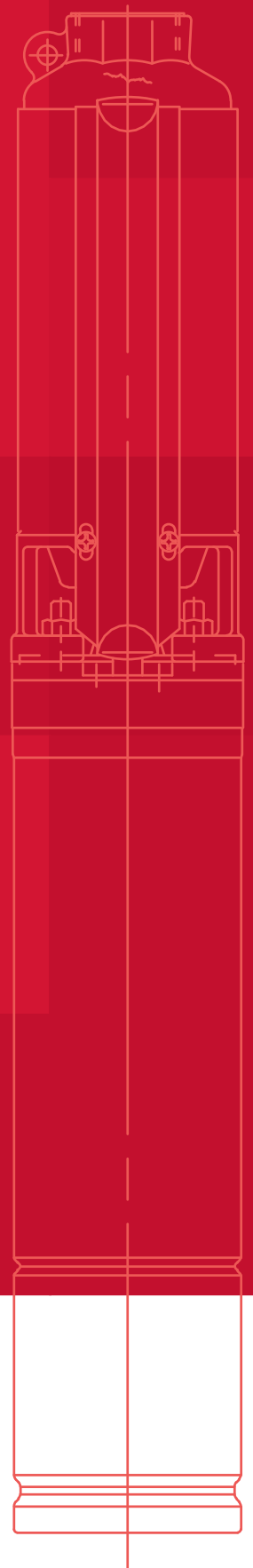


Serie S4G

Curvas de características

60 Hz



Datos eléctricos.....	4-7
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Curvas de características S4G, 60 Hz a 3500 rpm	
S4G 1	10
S4G 2	11
S4G 4	12
S4G 6	13
S4G 8	14
S4G 12	15
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Notas	17-18

Motores monofásicos O4I

TIPO DE MOTOR	P2		Tensión Nominal	Condensador		Características de funcionamiento				Arranque Directo			Factor Servicio	Factor Servicio	Temp. Max.	Tipo de Cable	
	Kw	HP		µF	V	A	rpm	%	cosφ	Is/In	Ts/Tn	Tmax/Tn	SF	AMPS SFA	Agua °C	N x A mm ²	L m
O4I 03 M 236	0.37	0.5	220	20	450	3.40	3495	49.7	0.99	4	1.23	2.98	1.6	4.50	35	4x1.5	1.75
			230			3.45	3500	47.4	0.98	4.13	1.35	3.26		4.42			
O4I 05 M 236	0.55	0.75	220	25	450	4.66	3445	54.3	0.99	3.26	0.84	2.26	1.5	6.23	35	4x1.5	1.75
			230			4.73	3460	52.2	0.97	3.36	0.92	2.47		6			
O4I 07 M 236	0.75	1	220	35	450	5.87	3460	59.8	0.97	3.85	0.74	2.47	1.4	7.41	35	4x1.5	1.75
			230			6.09	3470	56.9	0.94	3.88	0.82	2.72		7.36			
O4I 11 M 236	1.1	1.5	220	40	450	7.61	3450	66.2	0.99	3.64	0.79	2.27	1.3	9.34	35	4x1.5	1.75
			230			7.48	3460	64.4	0.99	3.87	0.87	2.49		9.05			
O4I 15 M 236	1.5	2	220	50	450	10.1	3435	67.8	0.99	3.90	0.63	2.26	1.25	12.2	35	4x1.5	1.75
			230			10.1	3445	66.1	0.97	4.08	0.70	2.49		11.9			
O4I 22 M 236	2.2	3	220	50	450	15.2	3405	70.5	0.93	3.14	0.50	1.79	1.15	17.1	35	4x1.5	1.75
			230			15.7	3420	68.2	0.90	3.18	0.55	1.97		17.1			
O4I 03 M 116	0.37	0.5	110	80	250	6.81	3495	49.8	0.99	4	1.23	2.97	1.6	9.02	35	4x1.5	1.75
			115			6.91	3500	47.5	0.98	4.22	1.36	3.32		8.86			
O4I 05 M 116	0.55	0.75	110	100	250	9.68	3480	53.4	0.98	3.63	0.63	2.72	1.5	12.3	35	4x1.5	1.75
			115			10.2	3490	49.9	0.94	3.54	0.67	2.98		12.3			
O4I 07 M 116	0.75	1	110	140	250	11.5	3480	60.7	0.98	4.05	0.56	2.94	1.4	14.5	35	4x1.5	1.75
			115			11.9	3490	57.8	0.95	4.06	0.59	3.02		14.3			
O4I 11 M 116	1.1	1.5	110	160	250	20.1	3465	69.1	0.99	4.05	0.46	2.37	1.3	18.1	35	4x1.5	1.75
			115			14.5	3475	67.3	0.98	4.46	0.49	2.57		17.7			

Motores trifásicos O4I

TIPO DE MOTOR	P2		Tensión Nominal	Características de funcionamiento				Arranque Directo			Factor Servicio	Factor Servicio	Temp. Max.	Tipo de Cable	
	Kw	HP		A	rpm	%	cosφ	Is/In	Ts/Tn	Tmax/Tn	SF	AMPS SFA	Agua °C	N x A mm²	L m
O4I 03 T 236	0.37	0.5	220	2.68	3485	58.5	0.62	6.40	5.71	4.73	1.6	3.17	35	4x1.5	1.75
			230	2.93	3495	56.4	0.56	6.19	6.33	5.25		3.31			
O4I 05 T 236	0.55	0.75	220	3.26	3430	62.3	0.71	5.52	4.40	3.22	1.5	4	35	4x1.5	1.75
			230	3.45	3450	61.1	0.65	5.48	4.91	3.59		4.05			
O4I 07 T 236	0.75	1	220	4.54	3450	66.3	0.66	5.58	4.23	3.27	1.4	5.21	35	4x1.5	1.75
			230	5.01	3465	63.7	0.59	5.32	4.69	3.62		5.51			
O4I 11 T 236	1.1	1.5	220	5.66	3425	71.5	0.72	5.45	3.80	2.89	1.3	6.53	35	4x1.5	1.75
			230	6.06	3445	70.1	0.65	5.37	4.24	3.22		6.70			
O4I 15 T 236	1.5	2	220	7.45	3430	74.4	0.71	5.73	3.64	3.01	1.25	8.40	35	4x1.5	1.75
			230	7.98	3445	72.6	0.65	5.62	4.05	3.35		8.73			
O4I 22 T 236	2.2	3	220	10.8	3425	75.7	0.71	5.53	3.63	2.90	1.15	11.6	35	4x1.5	2.5
			230	11.9	3440	72.6	0.64	5.32	4.04	3.22		12.5			
O4I 30 T 236	3	4	220	13.2	3455	76.3	0.79	5.41	2.44	2.79	1.15	14.5	35	4x1.5	2.5
			230	13.8	3470	75.7	0.72	5.46	2.72	3.11		14.8			
O4I 40 T 236	4	5.5	220	15.7	3435	78.9	0.85	5.85	1.81	2.70	1.15	17.7	35	4x1.5	2.5
			230	15.7	3455	78.8	0.81	6.17	2.02	3.01		17.4			
O4I 55 T 236	5.5	7.5	220	21.4	3415	78.6	0.86	5.48	1.63	2.51	1.15	24.4	35	4x2.5	2.5
			230	21.2	3440	78.5	0.83	5.81	1.82	2.79		23.8			
O4I 75 T 236	7.5	10	220	33.5	3460	78.7	0.75	6.28	2.53	3.41	1.15	36.8	35	4x2.5	4
			230	35.4	3475	77.6	0.68	6.26	2.81	3.79		38.1			
O4I 03 T 386	0.37	0.5	380	1.55	3485	58.5	0.62	6.40	5.71	4.73	1.6	1.83	35	4x1.5	1.75
O4I 05 T 386	0.55	0.75	380	1.88	3430	62.3	0.71	5.52	4.40	3.22	1.5	2.31	35	4x1.5	1.75
O4I 07 T 386	0.75	1	380	2.62	3450	66.3	0.66	5.58	4.23	3.27	1.4	3.01	35	4x1.5	1.75
O4I 11 T 386	1.1	1.5	380	3.27	3425	71.5	0.72	5.45	3.80	2.89	1.3	3.77	35	4x1.5	1.75
O4I 15 T 386	1.5	2	380	4.30	3430	74.4	0.71	5.73	3.64	3.01	1.25	4.85	35	4x1.5	1.75
O4I 22 T 386	2.2	3	380	6.25	3425	75.7	0.71	5.53	3.63	2.90	1.15	6.69	35	4x1.5	2.5
O4I 30 T 386	3	4	380	7.61	3455	76.3	0.79	5.41	2.44	2.79	1.15	8.35	35	4x1.5	2.5
O4I 40 T 386	4	5.5	380	9.05	3435	78.9	0.85	5.85	1.81	2.70	1.15	10.2	35	4x1.5	2.5
O4I 55 T 386	5.5	7.5	380	12.3	3415	78.6	0.86	5.48	1.63	2.51	1.15	14.1	35	4x1.5	2.5
O4I 75 T 386	7.5	10	380	19.4	3460	78.7	0.75	6.28	2.53	3.41	1.15	21.2	35	4x1.5	4

Motores monofásicos A4I

TIPO DE MOTOR	P2		Tensión Nominal	Condensador		Características de funcionamiento				Arranque Directo		Factor Servicio	Temp. Max. Agua °C	Tipo de Cable	
	Kw	HP		µF	V	A	rpm	%	cosφ	Is/In	Ts/Tn			Nc x sec mm²	L m
A4I 03 M 236	0.37	0.5	220	20	450	5.3	3460	55	0.93	4	0.60	1.6	35	4x1.5	1.7
			230			5.5	3480	52	0.89	3.87	0.65				
A4I 05 M 236	0.55	0.75	220	25	450	7	3460	60	0.89	3.90	0.60	1.5	35	4x1.5	1.7
			230			7.4	3485	57	0.84	3.70	0.65				
A4I 07 M 236	0.75	1	220	35	450	8.5	3485	59	0.93	5	0.60	1.4	35	4x1.5	1.7
			230			8.9	3500	57	0.89	4.80	0.65				
A4I 11 M 236	1.1	1.5	220	40	450	12.2	3480	61	0.88	4.30	0.66	1.3	35	4x1.5	1.7
			230			12.7	3485	58	0.84	4.10	0.72				
A4I 15 M 236	1.5	2	220	50	450	13.1	3430	65	0.98	4.30	0.60	1.25	35	4x1.5	1.7
			230			12.8	3455	65	0.97	4.60	0.65				
A4I 22 M 236	2.2	3	220	50	450	17.6	3410	68	0.96	3.30	0.44	1.15	35	4x1.5	1.7
			230			17.1	3420	67	0.96	3.60	0.48				
A4I 40 M 116	4	5.5	220	75	450	30.7	3440	74	0.93	3.80	0.32	1.15	35	4x2	1.7
			230			29.7	3460	74	0.92	4.10	0.34				
A4I 03 M 116	0.37	0.5	110	80	450	10.6	3460	55	0.93	4	0.60	1.6	35	4x1.5	1.7
			115			11	3480	52	0.89	3.87	0.65				
A4I 05 M 116	0.55	0.75	110	100	450	14	3460	60	0.89	3.90	0.60	1.5	35	4x1.5	1.7
			115			14.8	3485	57	0.84	3.70	0.65				
A4I 07 M 116	0.75	1	110	140	450	17	3485	59	0.93	5	0.60	1.4	35	4x1.5	1.7
			115			17.8	3500	57	0.89	4.80	0.65				

Motores trifásicos A4I

TIPO DE MOTOR	P2		Tensión Nominal	Características de funcionamiento				Arranque Directo		Factor Servicio	Temp. Max. Agua °C	Tipo de Cable	
	Kw	HP		A	rpm	%	cosφ	Is/In	Ts/Tn			N x A mm²	L m
Trifásicos			V							SF			
A4I 03 T 236	0.37	0.5	220	3.5	3400	57	0.78	4.6	3.2	1.6	35	4x1.5	1.7
			230	3.8	3415	51	0.76	5	3.4				
A4I 05 T 236	0.55	0.75	220	4.6	3440	58	0.82	5.1	3.6	1.5	35	4x1.5	1.7
			230	4.8	3450	56	0.77	5.4	4				
A4I 07 T 236	0.75	1	220	5.3	3450	69	0.74	5.3	4.2	1.4	35	4x1.5	1.7
			230	5.6	3460	65	0.72	5.7	4.8				
A4I 11 T 236	1.1	1.5	220	7.5	3450	68	0.75	6	4.1	1.3	35	4x1.5	1.7
			230	7.8	3465	65	0.72	6.6	4.5				
A4I 15 T 236	1.5	2	220	9.4	3470	73	0.71	6.1	5	1.25	35	4x1.5	1.7
			230	9.8	3490	70	0.68	6.7	5.4				
A4I 22 T 236	2.2	3	220	11.5	3450	76	0.77	6.6	4.8	1.15	35	4x1.5	1.7
			230	12	3470	72	0.75	7.1	5.2				
A4I 30 T 236	3	4	220	16.5	3460	73	0.73	7.2	4.2	1.15	35	4x1.5	2.7
			230	17.3	3480	72	0.70	7.5	4.4				
A4I 40 T 236	4	5.5	220	18.8	3470	82	0.80	6.8	4	1.15	35	4x2	2.7
			230	19.2	3490	78	0.78	7.4	4.4				
A4I 55 T 236	5.5	7.5	220	25.4	3480	83	0.80	6.9	3.8	1.15	35	4x2	2.7
			230	26	3500	80	0.78	7.5	4.2				
A4I 03 T 386	0.37	0.5	380	2.3	3415	51	0.76	5.2	3.2	1.6	35	4x1.5	1.7
A4I 05 T 386	0.55	0.75	380	2.9	3450	56	0.77	5.8	3.6	1.5	35	4x1.5	1.7
A4I 07 T 386	0.75	1	380	3.4	3460	65	0.72	5.8	4.2	1.4	35	4x1.5	1.7
A4I 11 T 386	1.1	1.5	380	4.7	3465	65	0.72	6.6	4.1	1.3	35	4x1.5	1.7
A4I 15 T 386	1.5	2	380	5.9	3490	70	0.68	6.8	5	1.25	35	4x1.5	1.7
A4I 22 T 386	2.2	3	380	7.2	3470	72	0.75	7.1	4.8	1.15	35	4x1.5	1.7
A4I 30 T 386	3	4	380	9.5	3460	73	0.73	7.2	4.2	1.15	35	4x1.5	1.7
A4I 40 T 386	4	5.5	380	11.6	3490	78	0.78	7.5	4	1.15	35	4x1.5	2.7
A4I 55 T 386	5.5	7.5	380	15.7	3500	80	0.78	7.5	3.8	1.15	35	4x1.5	2.7
A4I 75 T 386	7.5	10	380	20	3480	81	0.80	7.1	3.9	1.15	35	4X2	3.5

Serie S4G 1

TIPO DE BOMBA	P2		l/min m³/h	0	10	15	20	25	27
	kW	HP		0	0.6	0.9	1.2	1.5	1.62
S4G 1 036	0.37	0.5		58	51.1	45	38	28	23
S4G 1 056	0.55	0.75		96	85.2	75	63	46	38.3
S4G 1 076	0.75	1		135	119	105	88	65	53.6
S4G 1 116	1.1	1.5		192	171	151	126	93	76.6
S4G 1 156	1.5	2		269	239	211	176	130	107

Serie S4G 2

TIPO DE BOMBA	P2		l/min m³/h	0	25	30	40	50	60
	kW	HP		0	1.5	1.8	2.4	3	3.6
S4G 2 036	0.37	0.5		39	36	34	30	24	16
S4G 2 056	0.55	0.75		59	53	51	45	36	25
S4G 2 076	0.75	1		79	71	68	60	48	33
S4G 2 116	1.1	1.5		118	107	102	90	72	49
S4G 2 156	1.5	2		158	142	137	119	96	66
S4G 2 226	2.2	3		217	196	188	164	132	90
S4G 2 306	3	4		296	267	256	224	179	123

Serie S4G 4

TIPO DE BOMBA	P2		l/min m³/h	0	35	50	70	90	108
	kW	HP		0	2.1	3	4.2	5.4	6.5
S4G 4 056	0.55	0.75		39	35.5	33	29	22	14
S4G 4 076	0.75	1		49	44.5	42	36	28	17
S4G 4 116	1.1	1.5		79	71	67	58	43	27
S4G 4 156	1.5	2		99	89	83	72	55	34
S4G 4 226	2.2	3		148	133	125	108	82	51
S4G 4 306	3	4		187	169	158	137	105	65
S4G 4 406	4	5.5		266	240	225	193	149	92

Serie S4G 6

TIPO DE BOMBA	P2		l/min m³/h	0	60	80	120	140	160
	kW	HP		0	3.6	4.8	7.2	8.4	9.6
S4G 6 076	0.75	1		36	30.2	28	23	18	13.6
S4G 6 116	1.1	1.5		54	45.3	42	34	28	20.4
S4G 6 156	1.5	2		72	60.4	56	45	37	27.2
S4G 6 226	2.2	3		107	90.6	85	67	55	40.8
S4G 6 306	3	4		143	121	113	90	74	54.4
S4G 6 406	4	5.5		188	159	148	118	97	71.4
S4G 6 556	5.5	7.5		260	219	205	163	133	98.6

Serie S4G 8

TIPO DE BOMBA	P2		l/min m³/h	0	83	120	160	200	225
	kW	HP		0	5	7.2	9.6	12	13.5
S4G 8 116	1.1	2		28	25.5	24	21	17	12
S4G 8 156	1.5	2		47	42.5	40	35	28	21
S4G 8 226	2.2	3		66	59	56	50	39	29
S4G 8 306	3	4		94	85	80	71	55	41
S4G 8 406	4	5.5		122	110	104	92	72	53
S4G 8 556	5.5	7.5		160	144	136	120	94	70
S4G 8 756	7.5	10		216	196	184	163	127	92

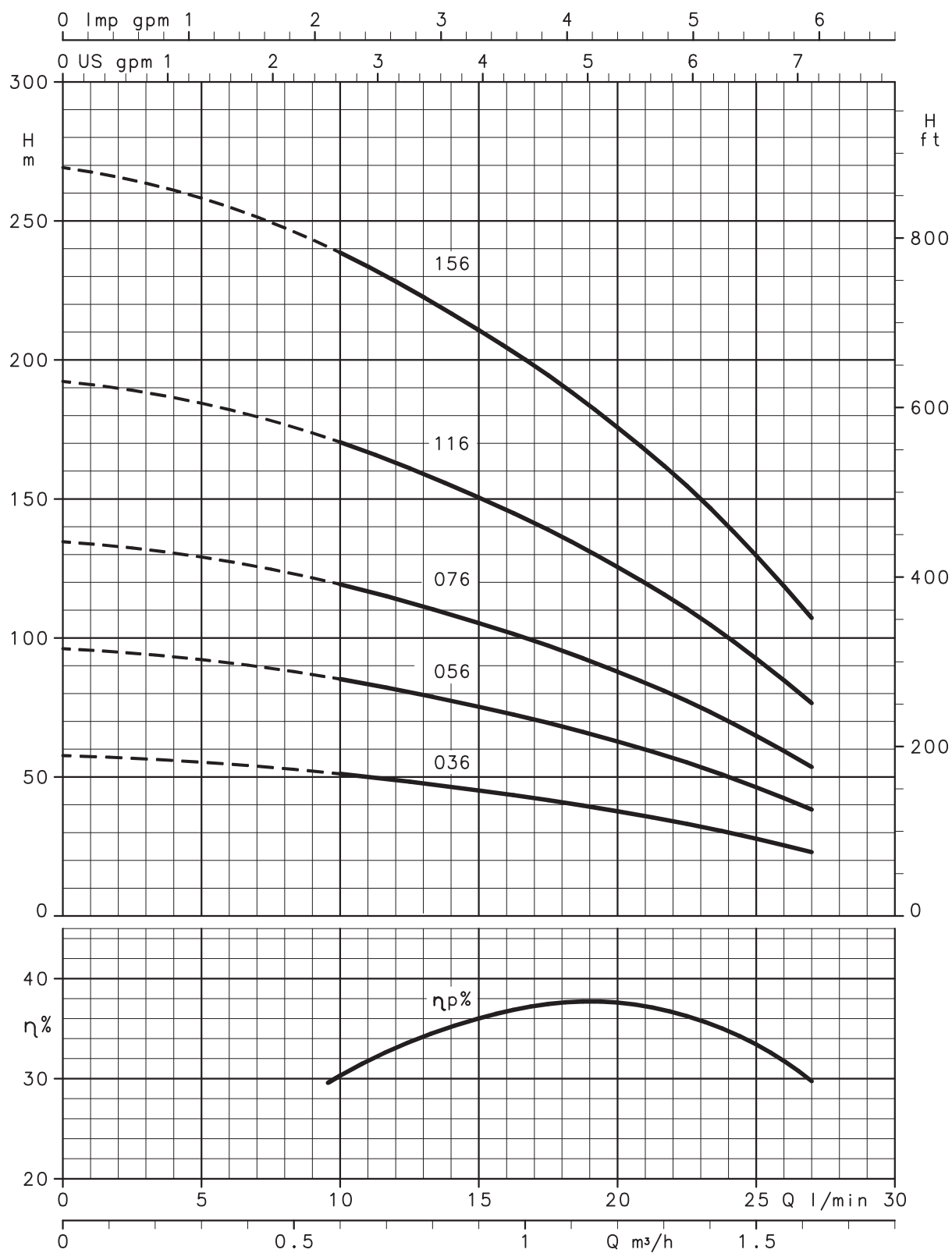
Serie S4G 12

TIPO DE BOMBA	P2		l/min m³/h	0	100	150	175	200	250
	kW	HP		0	6	9	10.5	12	15
S4G 12 15	1.5	2		43.9	37.3	31	28	24	14.6
S4G 12 22	2.2	3		69	58.4	49	43	37	22.5
S4G 12 30	3	4		94	79.4	67	59	50	30
S4G 12 40	4	5.5		128.6	109.9	94	84	73	46
S4G 12 55	5.5	7.5		173.6	148.3	127	113	98	62
S4G 12 75	7.5	10		221.8	190.2	163	146	126	80

Serie S4G 16

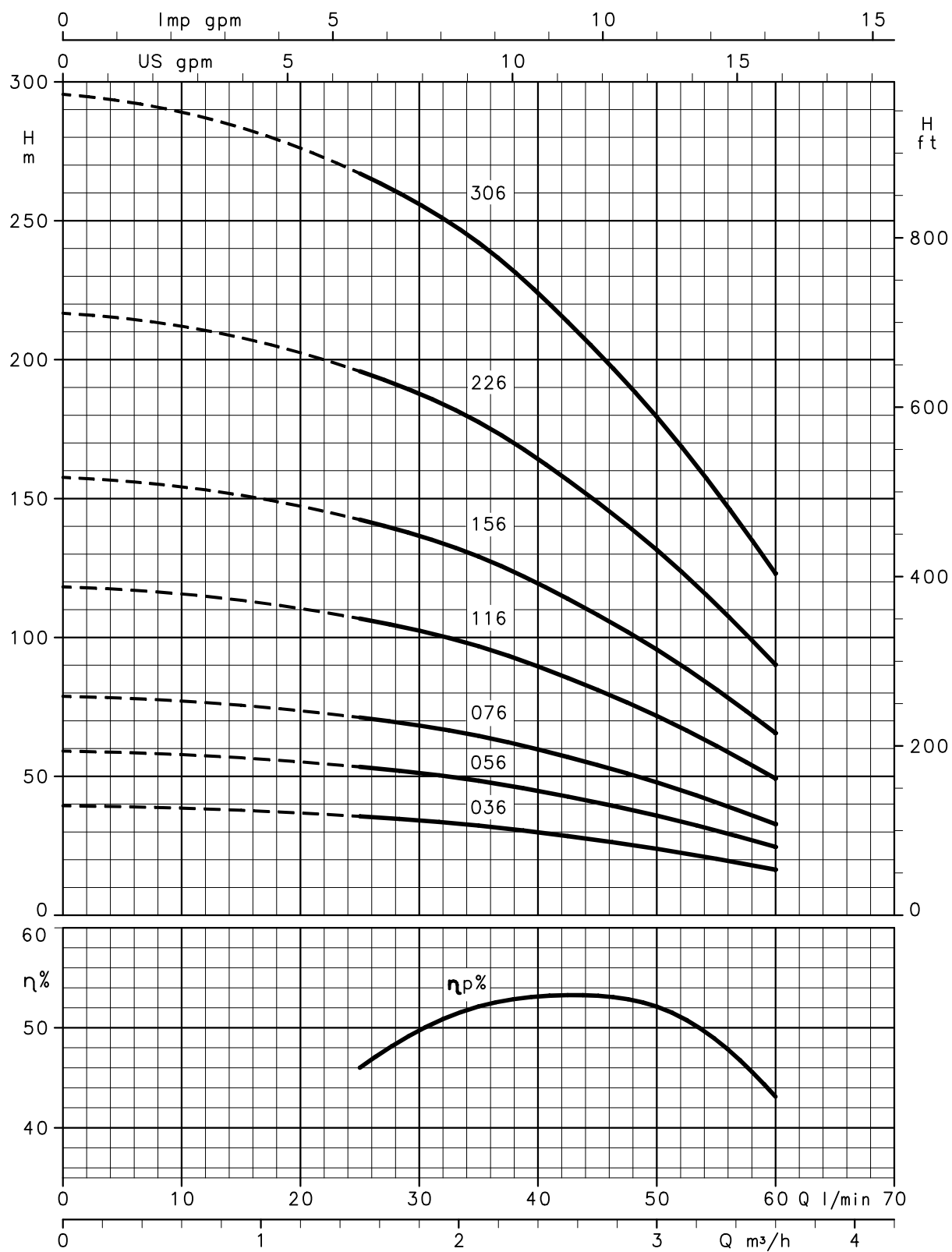
TIPO DE BOMBA	P2		l/min m³/h	0	160	200	300	350	450
	kW	HP		0	9.6	12	18	21	27
S4G 16 226	2.2	3		44	37	34	27	23	14
S4G 16 306	3	4		53	44	41	33	28	17
S4G 16 406	4	5.5		71	58	55	44	37	22
S4G 16 556	5.5	7.5		97	80	75	60	51	30
S4G 16 756	7.5	10		133	111	102	82	69	42

Serie S4G 1

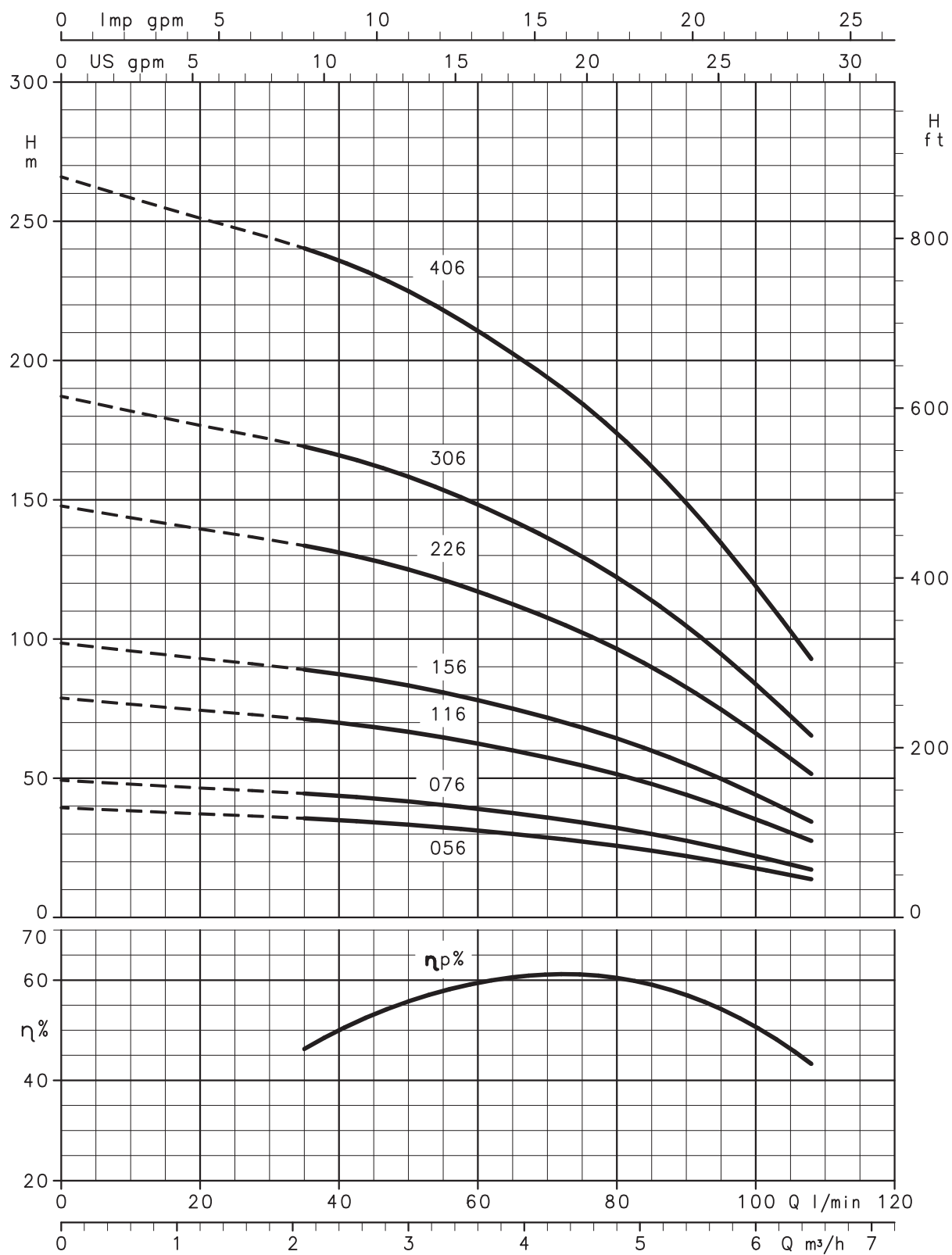


Las prestaciones son válidas para líquidos con una densidad de $\rho = 1,0 \text{ kg/dm}^3$ y una viscosidad cinemática de $\nu = 1 \text{ mm}^2/\text{s}$.

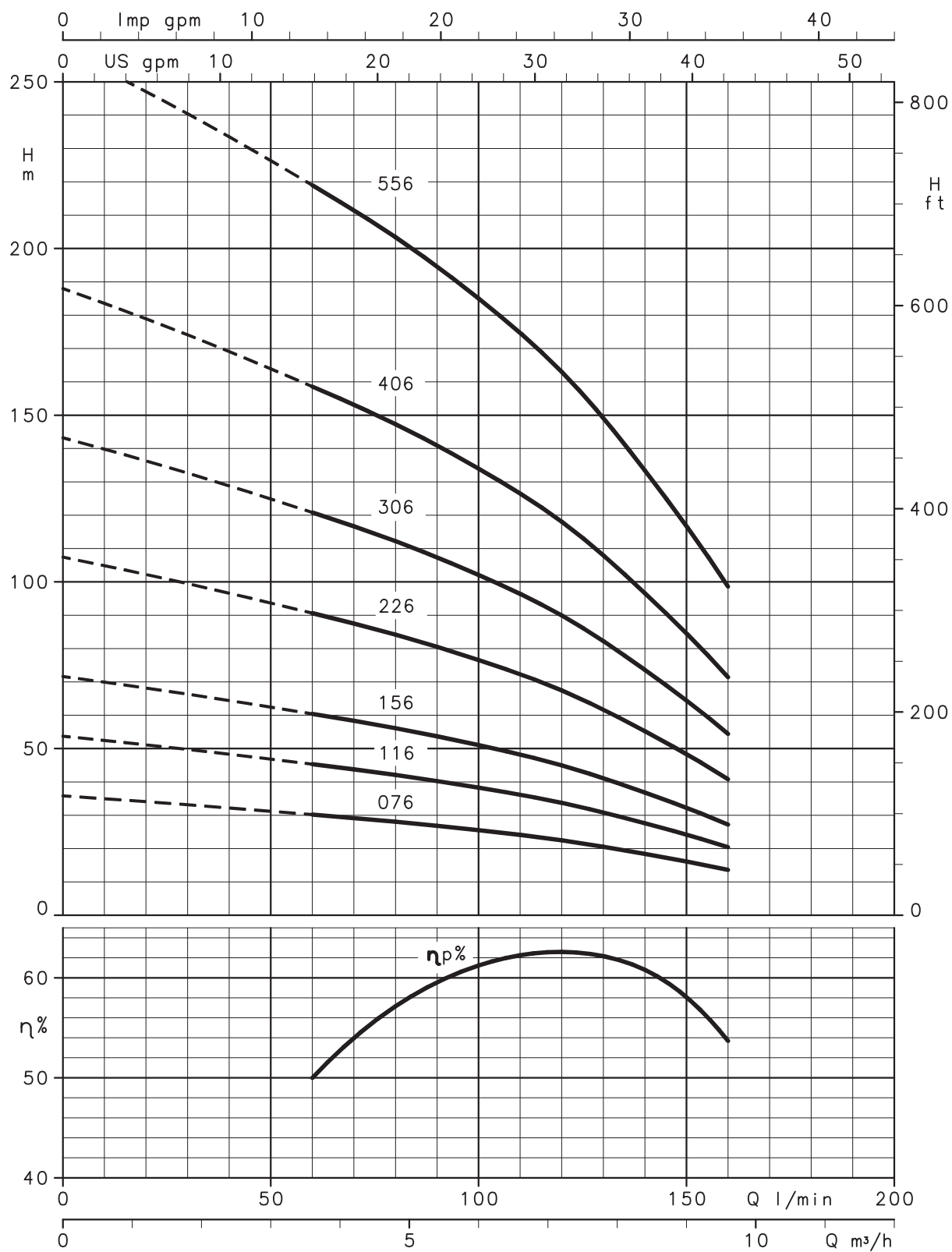
Serie S4G 2



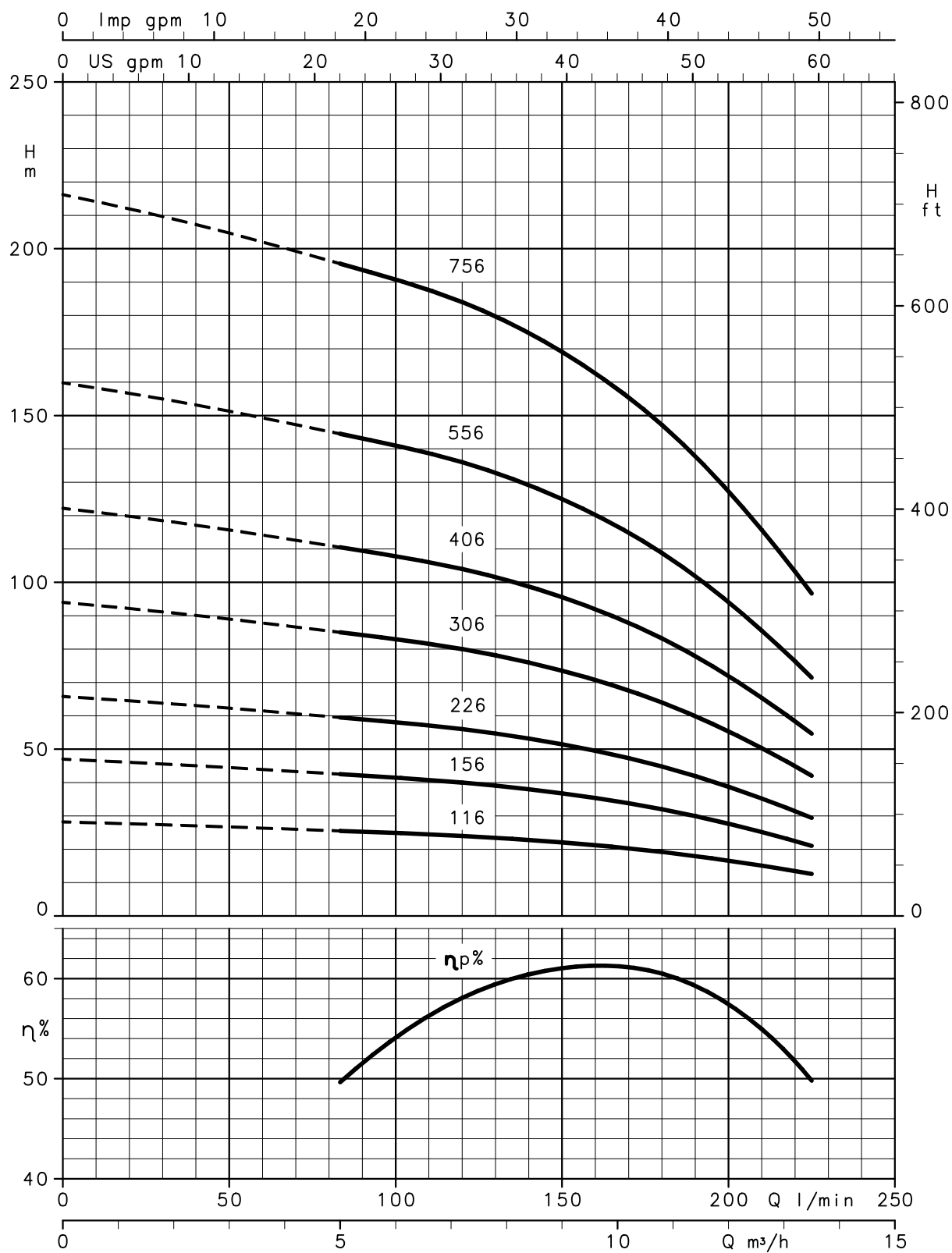
Serie S4G 4



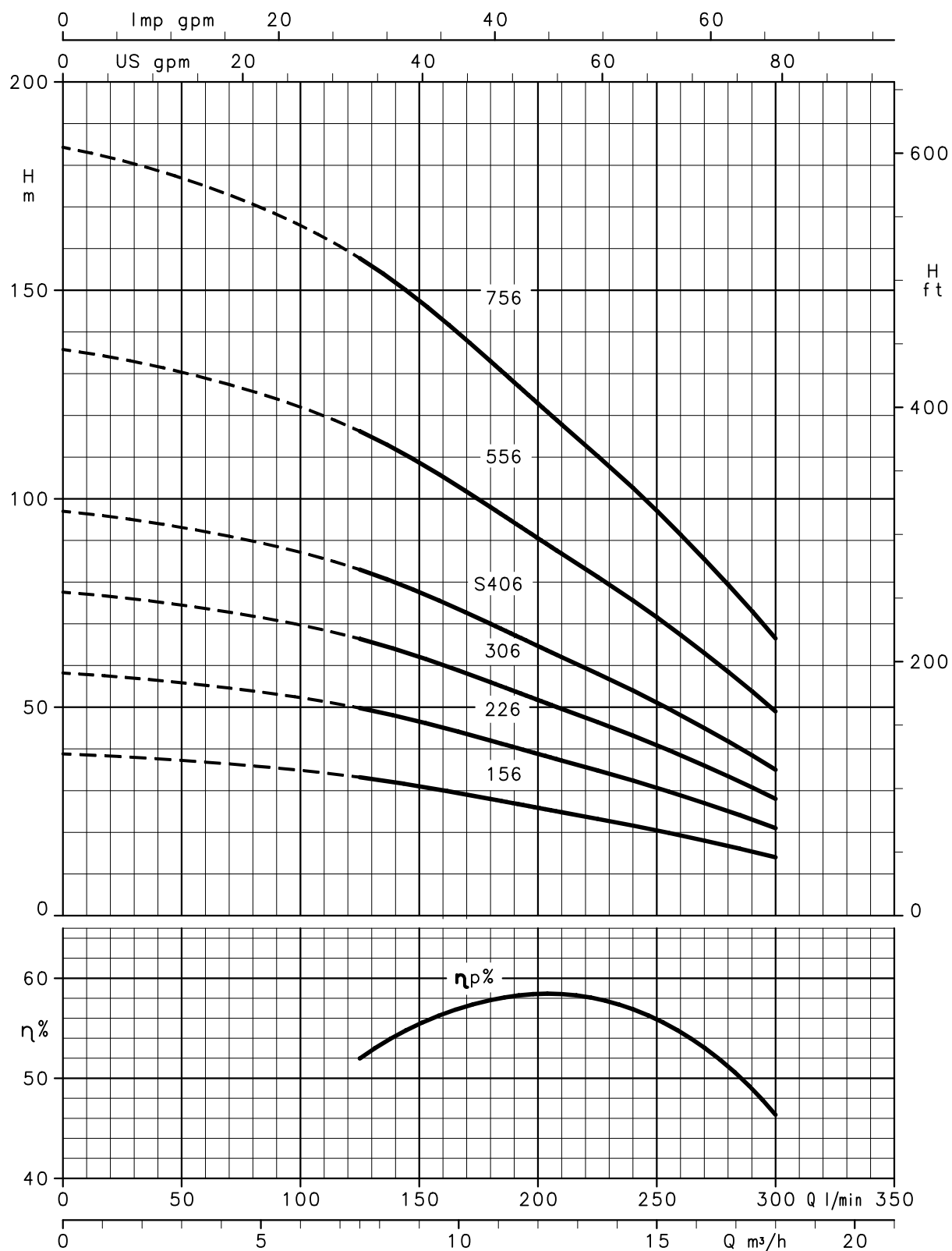
Serie S4G 6



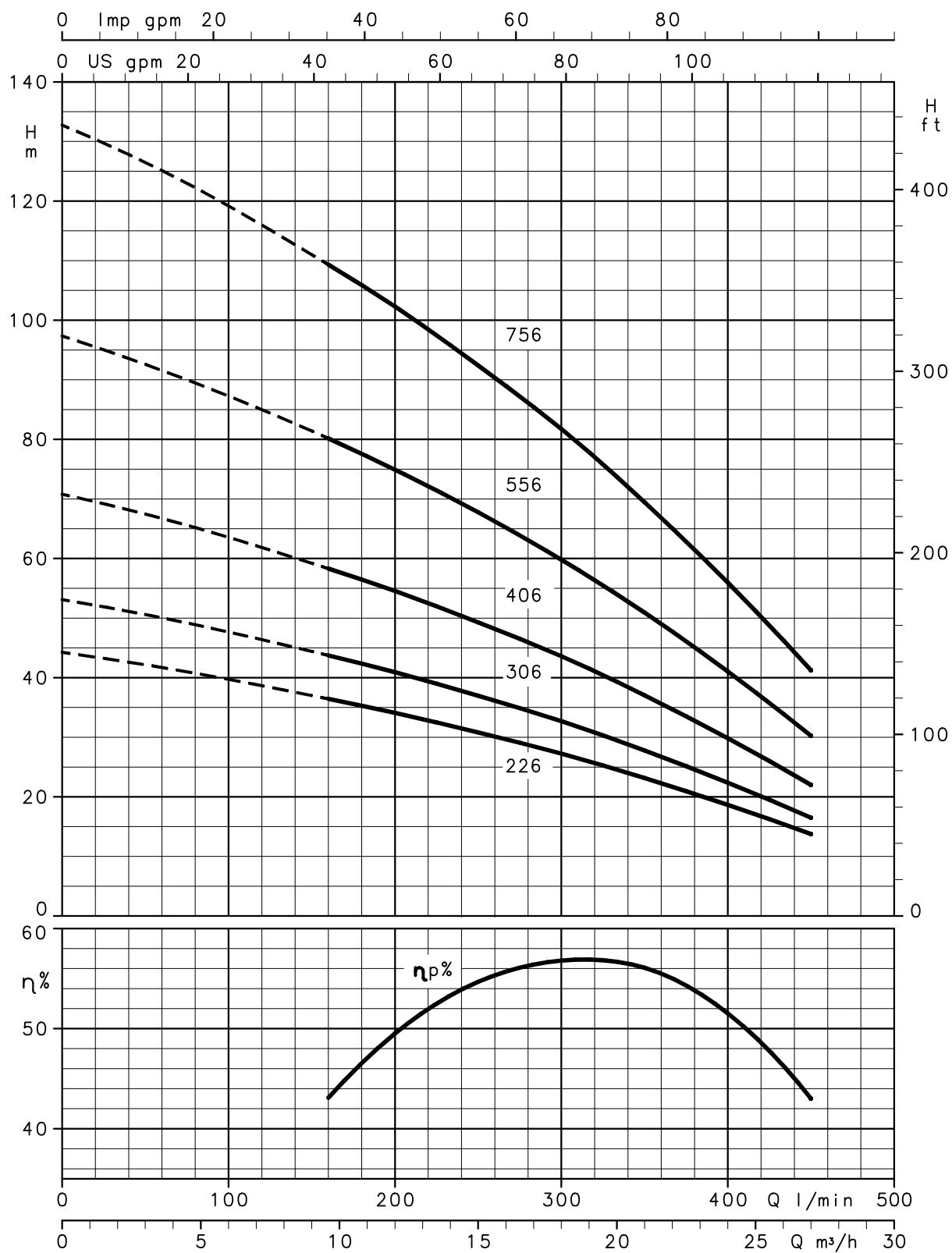
Serie S4G 8



Serie S4G 12



Serie S4G 16



CAPTA
POTABILIZA
PRESURIZA
RECIRCULA
REUTILIZA
EVACUA
DEPURA

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el producto, y el servicio que necesitas.