



Eaux propres



Usage domestique



Usage tertiaire



UTILISATIONS ET INSTALLATIONS

GP2A est un système pré-assemblé à connecter au réseau d'eau ou à un réservoir de collecte principal pour l'approvisionnement et la pressurisation en eau dans les bâtiments résidentiels, commerciaux, publics, les hôtels et pour l'irrigation des jardins, parcs et terrains sportifs.

GP2A est adapté au pompage d'eau propre et de solutions aqueuses qui n'endommagent pas chimiquement ou mécaniquement les matériaux utilisés et qui ne contiennent pas de substances abrasives ou fibreuses.

DESCRIPTION DU PRODUIT

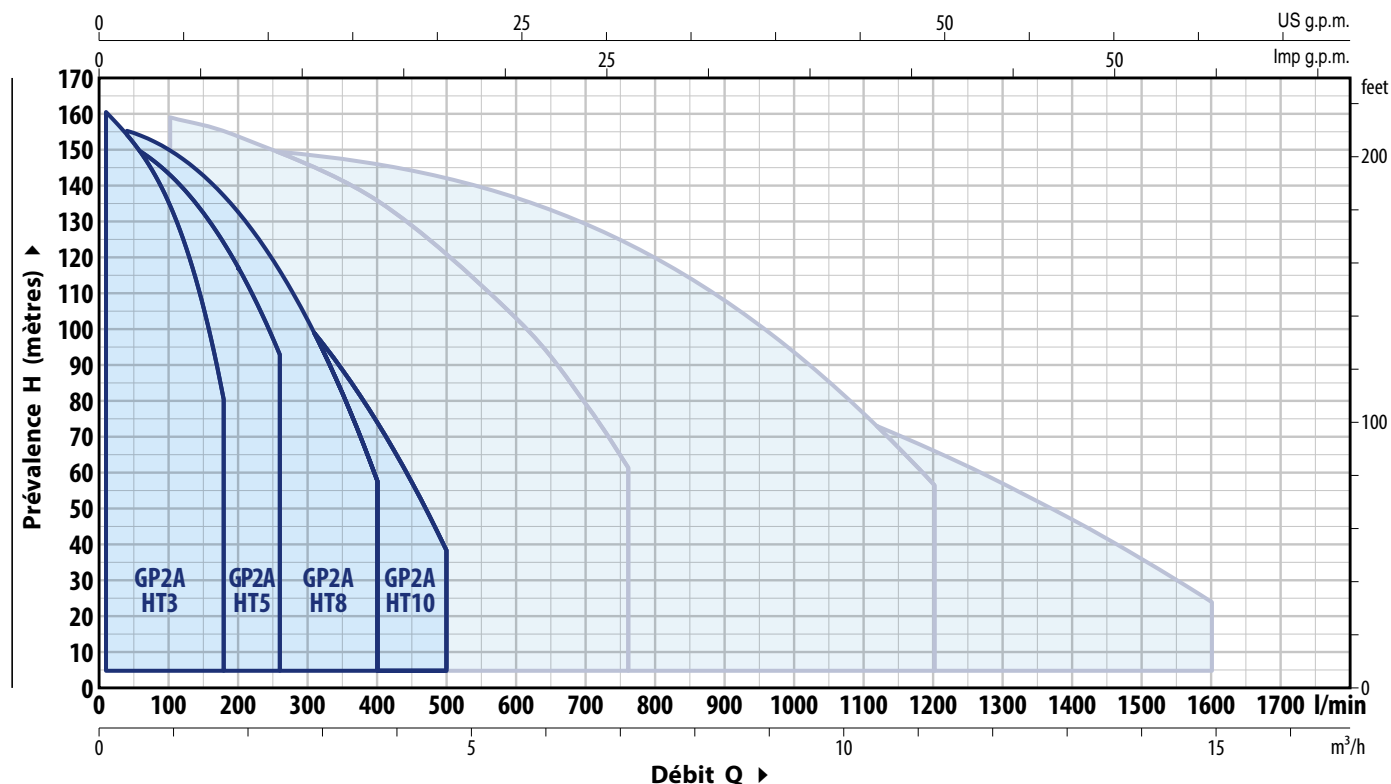
GP2A est un système de pressurisation à vitesse variable composé de deux électropompes connectées en parallèle et assemblées en une unité, gérées électroniquement par deux dispositifs **PRO-DG** interconnectés, qui modulent automatiquement le fonctionnement des pompes en fonction des différentes demandes en eau de l'installation et maintiennent la pression constante.

Lorsque la pression dans l'installation baisse, en raison du prélèvement d'eau, la première électropompe commence à fonctionner pour satisfaire le débit d'eau requis, en maintenant la pression à la valeur de consigne. Une fois la vitesse de rotation maximale atteinte, les autres pompes démarrent également en cascade pour garantir les besoins en eau du système.

CARACTÉRISTIQUES DE CONSTRUCTION

- **ÉLECTROPOMPES** connectées en parallèle au moyen de collecteurs d'aspiration et de refoulement. Chaque unité est équipée de vannes à sphère à l'aspiration ainsi que de vannes à sphère et de clapets anti-retour au refoulement.
- **BASE** réalisée en profilé métallique et équipée de pieds anti-vibrations.
- Les groupes **GP2A** exploitent la technologie inverter pour garantir une pression constante de l'installation. Grâce à un transducteur qui mesure la pression en temps réel, le système règle en continu la vitesse de rotation du moteur en fonction de la demande effective des points d'eau. L'inverter gère également le fonctionnement alterné des électropompes.
- **GP2A** est conçu pour protéger le système contre :
 - fonctionnement à sec
 - surtension et sous-tension
- **TABLEAU ÉLECTRIQUE** avec interrupteurs automatiques de protection du moteur magnétothermiques pour versions triphasées, interrupteurs automatiques magnétothermiques pour versions monophasées.
- **LIMITES D'UTILISATION**
 - Température du liquide de 0 °C fino a +60 °C
 - Température ambiante de -10 °C fino a +40 °C
 - Pression maximale dans le corps pompe 16 bar
 - Service continu S1
- **ALIMENTATION ÉLECTRIQUE**
 - **GP2Am** : monophasé 230V ±10% 50/60Hz
 - **GP2A** : triphasé 400V ±10% 50/60Hz

CHAMP ET DONNÉES DE PERFORMANCE (GP2A-HT 3, HT 5, HT 8, HT 10)



TYPE		PUISANCE (P ₂)		Q										
Monophasé	Triphasé	kW	HP		m³/h	0	0.3	0.6	1.2	2.4	4.8	7.2	9.6	10.8
GP2A-HTm 3/5	GP2A-HT 3/5	2x1.1	2x1.5	H m	l/min	0	5	10	20	40	80	120	160	180
GP2A-HTm 3/6	GP2A-HT 3/6	2x1.5	2x2			81	80	80	79	77	71	63	49.5	41
GP2A-HTm 3/7	GP2A-HT 3/7	2x1.8	2x2.5			97	96	96	95	92	86	75	59	48
-	GP2A-HT 3/8	2x2.2	2x3			113	112	112	111	108	100	88	69	56
-	GP2A-HT 3/9	2x3	2x4			130	128	128	126	123	114	100	79	64
-	GP2A-HT 3/10	2x3	2x4			146	144	144	142	138	129	113	89	72
						-	160	160	158	154	143	126	99	80

TYPE		PUISANCE (P ₂)		Q										
Monophasé	Triphasé	kW	HP		m³/h	0	0.3	0.6	1.2	2.4	4.8	7.2	9.6	10.8
GP2A-HTm 5/3	GP2A-HT 5/3	2x1.1	2x1.5	H m	l/min	0	5	10	20	40	80	120	160	180
GP2A-HTm 5/4	GP2A-HT 5/4	2x1.5	2x2			51.5	51.5	51.5	51	50.5	49	46.5	43	41
GP2A-HTm 5/5	GP2A-HT 5/5	2x1.8	2x2.5			68.5	68.5	68.5	68	67	65	62	57.5	55
GP2A-HTm 5/6	GP2A-HT 5/6	2x2.2	2x3			86	85	85	85	84	81	77	72	68.5
-	GP2A-HT 5/7	2x3	2x4			103	103	103	102	101	98	93	86	82
-	GP2A-HT 5/8	2x3	2x4			120	120	120	119	118	114	108	101	96
-	GP2A-HT 5/9	2x4	2x5.5			137	137	137	136	134	130	124	115	110
-	GP2A-HT 5/9	2x4	2x5.5			154	154	154	153	151	146	139	129	124

TYPE		PUISANCE (P ₂)		Q												
Monophasé	Triphasé	kW	HP		m³/h	0	1.2	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21.6
GP2A-HTm 8/3	GP2A-HT 8/3	2x1.1	2x1.5	H m	l/min	0	20	40	80	120	160	200	240	280	320	360
GP2A-HTm 8/4	GP2A-HT 8/4	2x1.5	2x2			47	46.5	46.5	45.5	44	42	39.5	36.5	32.5	28	23.1
GP2A-HTm 8/5	GP2A-HT 8/5	2x1.8	2x2.5			62.5	62	62	60.5	58.5	56	53	48.5	43.5	37.5	31
GP2A-HTm 8/6	GP2A-HT 8/6	2x2.2	2x3			78	77.5	77.5	76	73	70	66	61	54.5	47	38.5
-	GP2A-HT 8/7	2x3	2x4			94	93	93	91	88	84	79	73	65.5	56.5	46
-	GP2A-HT 8/8	2x4	2x5.5			109	108	108	106	103	98	92	85	76	66	54
-	GP2A-HT 8/9	2x4	2x5.5			125	124	124	121	117	112	106	97	87	75	61.5
-	GP2A-HT 8/10	2x4	2x5.5			141	139	139	136	132	126	119	109	98	85	69
-	GP2A-HT 8/10	2x5.5	2x7.5			156	155	155	152	147	140	132	122	109	94	77

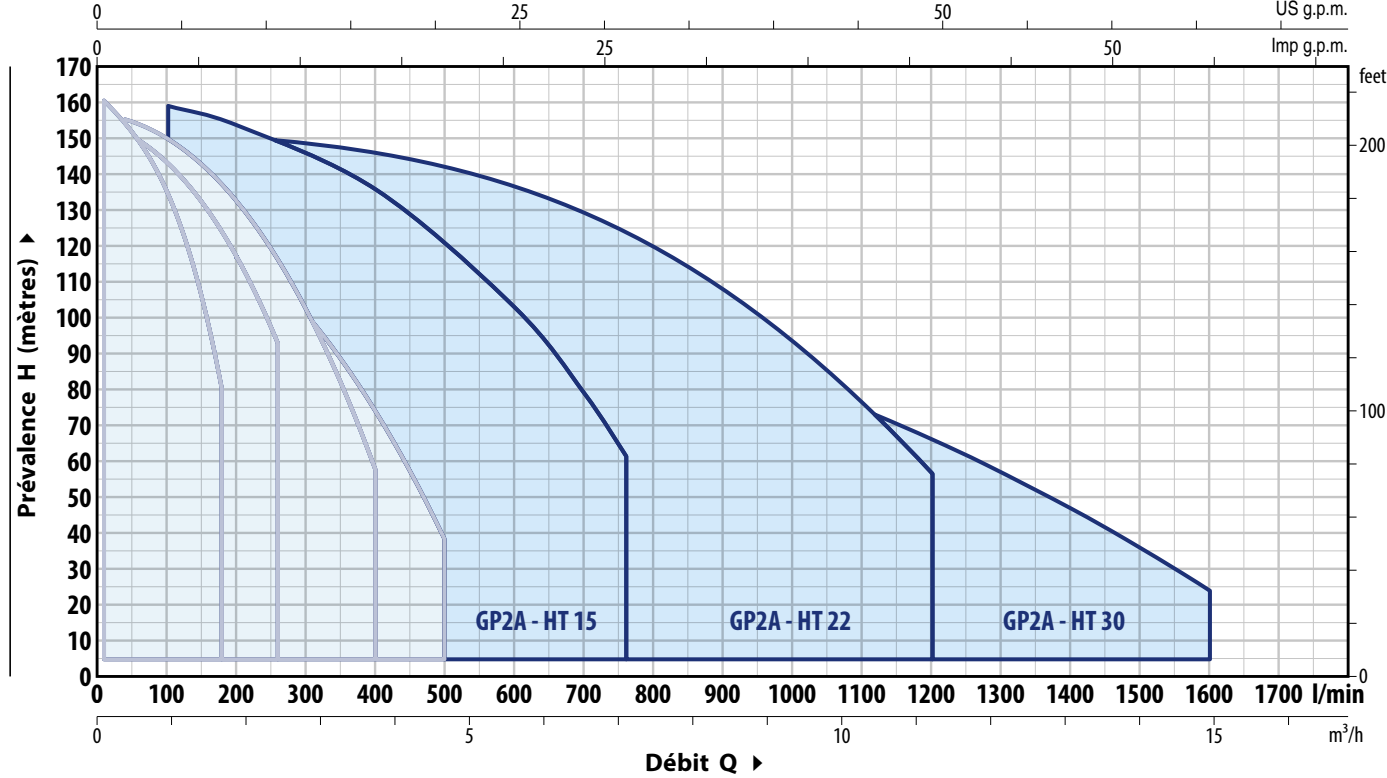
TYPE		PUISANCE (P ₂)		Q												
Monophasé	Triphasé	kW	HP		m³/h	0	1.8	3.6	6	7.2	9.6	14.4	18	20.4	24	26.4
GP2A-HTm 10/3	GP2A-HT 10/3	2x1.5	2x2	H m	l/min	0	30	60	100	120	160	240	300	340	400	440
GP2A-HTm 10/4	GP2A-HT 10/4	2x1.8	2x2.5			47	45.5	45.5	44	43.5	42	38	33.5	30.5	24.7	20.3
GP2A-HTm 10/5	GP2A-HT 10/5	2x2.2	2x3			62	61	61	59	58	56	50.5	45	40.5	33	27
-	GP2A-HT 10/6	2x3	2x4			77	75.5	75.5	74	73	70	63	56	50.5	41	34
-	GP2A-HT 10/7	2x3	2x4			93	91	91	88	87	84	76	67.5	61	49.5	40.5
-	GP2A-HT 10/8	2x4	2x5.5			108	106	106	103	102	98	88	79	71	57.5	47.5
-	GP2A-HT 10/9	2x4	2x5.5			124	121	121	118	116	112	101	90	81	66	54.5
-	GP2A-HT 10/9	2x4	2x5.5			139	136	136	133	131	126	113	101	91	74	61

Q = Débit H = Prévalence manométrique totale

✱ Les données représentées dans le diagramme et les tableaux indiquent les performances avec 2 pompes en cours de fonctionnement

GP2A - HT

CHAMP ET DONNÉES DE PERFORMANCE (GP2A-HT 15, HT 22, HT 30)



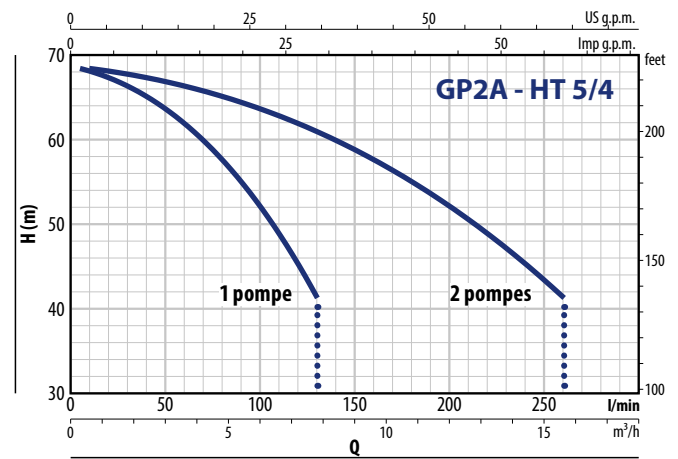
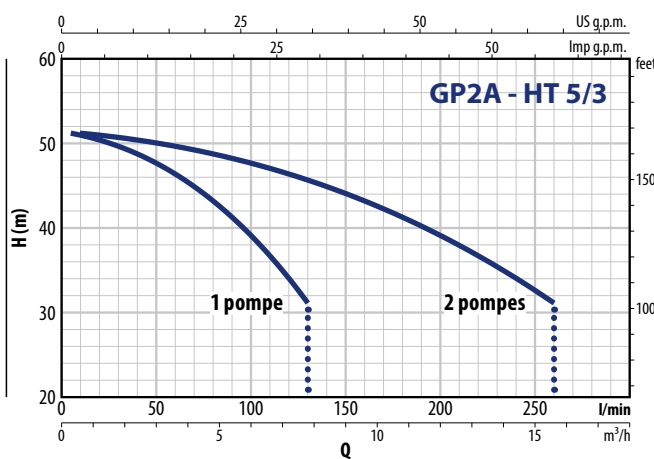
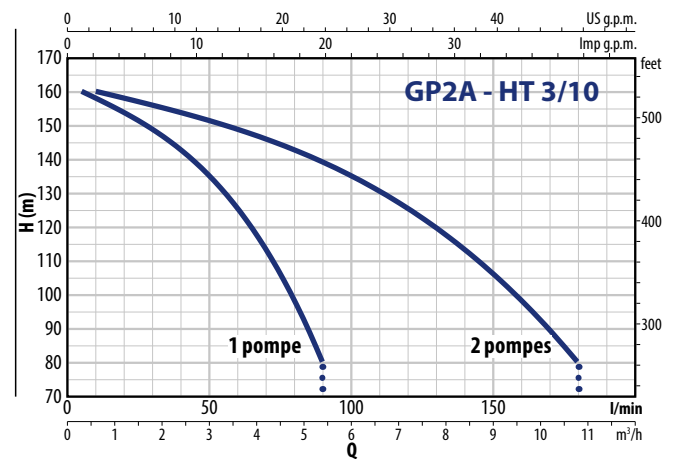
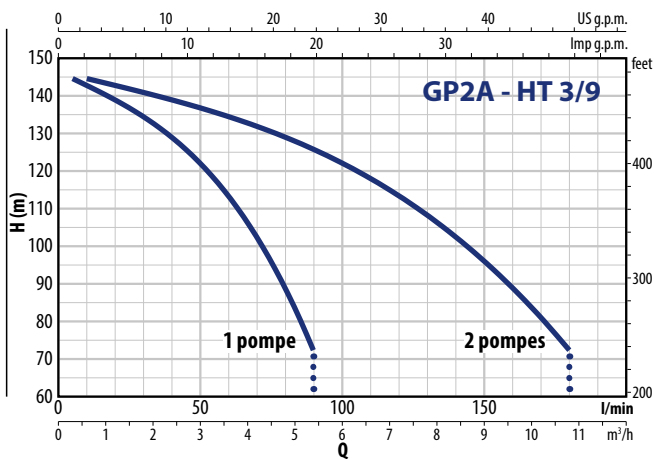
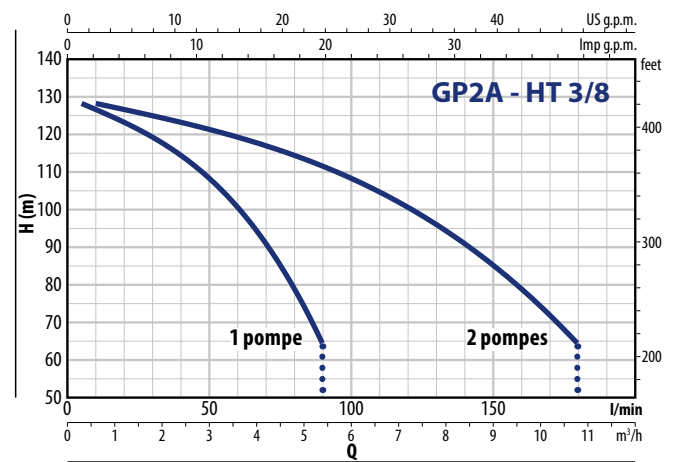
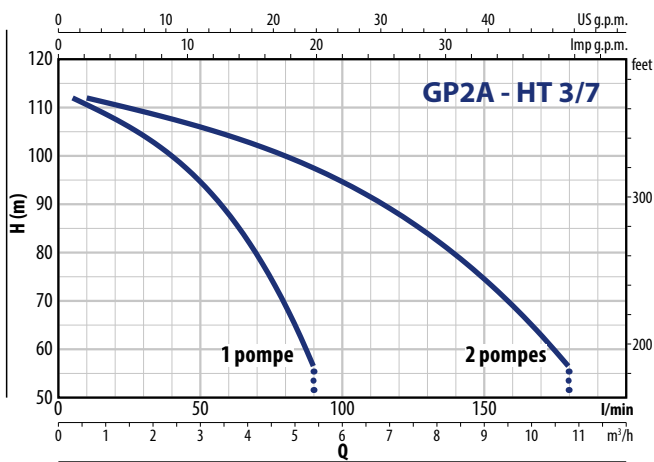
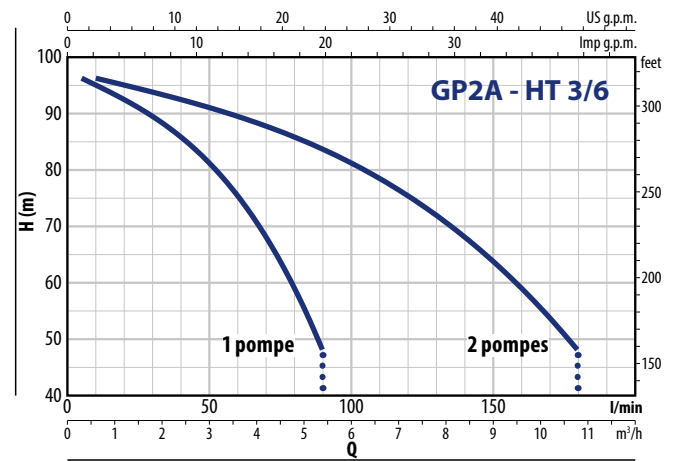
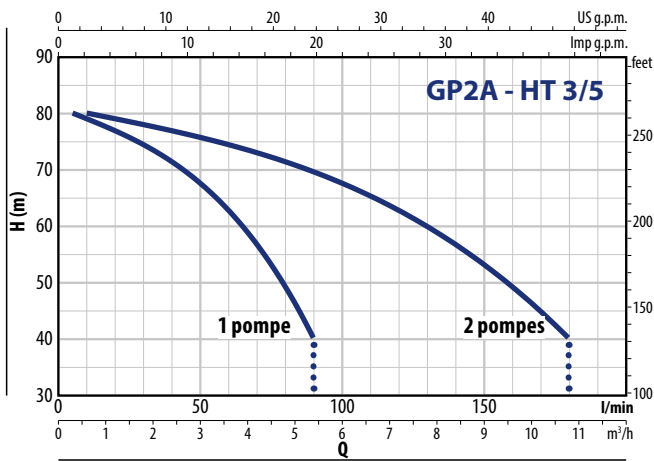
TYPE Triphasé	PUISSANCE (P ₂)		Q m³/h l/min	0	3	6	9	12	18	24	36	42	45.6
	kW	HP		0	50	100	150	200	300	400	600	700	760
GP2A-HT 15/2R	2×2.2	2×3	H m	44	43	43	42.5	41.5	39.5	36.5	27.5	20.5	
GP2A-HT 15/3R	2×3	2×4		64.5	62.5	62.5	61.5	60.5	57	52	37.5	27	
GP2A-HT 15/3	2×4	2×5.5		72	70	70	69	67.5	64.5	59.5	45	34.5	27
GP2A-HT 15/4	2×5.5	2×7.5		96	93	93	92	90.5	86	79.5	60.5	46	36
GP2A-HT 15/5	2×7.5	2×10		120	117	117	115	113	107.5	99.5	75.5	58	45
GP2A-HT 15/6	2×9.2	2×12.5		140	137	137	134.5	132	125.5	116.5	88	67.5	53
GP2A-HT 15/7	2×9.2	2×12.5		–	160	160	157	154	146.5	136	103	79	61.5

TYPE Triphasé	PUISSANCE (P ₂)		Q m³/h l/min	0	6	12	24	36	42	48	60	72
	kW	HP		0	100	200	400	600	700	800	1000	1200
GP2A-HT 22/2	2×3	2×4	H m	39	39	39	38	35.5	33.5	31.5	25.4	17.5
GP2A-HT 22/3	2×4	2×5.5		59	58.5	58.5	56.5	53	50.5	47	38	26
GP2A-HT 22/4	2×5.5	2×7.5		78	78	78	76	71	67	62.5	51	34.5
GP2A-HT 22/5	2×7.5	2×10		98	97	97	95	88	84	78	63.5	43
GP2A-HT 22/6	2×9.2	2×12.5		118	117	117	113	106	101	94	76	52
GP2A-HT 22/7	2×11	2×15		137	136	136	132	124	118	110	89	60.5
GP2A-HT 22/8	2×15	2×20		157	156	156	151	142	134	125	102	69

TYPE Triphasé	PUISSANCE (P ₂)		Q m³/h l/min	0	6	12	24	36	48	60	72	84	90
	kW	HP		0	100	200	400	600	800	1000	1200	1400	1500
GP2A-HT 30/2R	2×3	2×4	H m	35	34	34	33	31	28	23.5	17.5	10	
GP2A-HT 30/2	2×4	2×5.5		40	38.5	38.5	37	35.5	32.5	28	22	13.5	8
GP2A-HT 30/3	2×5.5	2×7.5		60	58	58	56	53	48.5	42	33	20	12
GP2A-HT 30/4	2×7.5	2×10		80	77	77	74.5	70.5	64.5	56	44	26.5	16
GP2A-HT 30/5	2×9.2	2×12.5		100	96.5	96.5	93	88	81	70	54.5	33.5	20
GP2A-HT 30/6	2×11	2×15		120	116	116	111.5	106	97	84	65.5	40	24.5

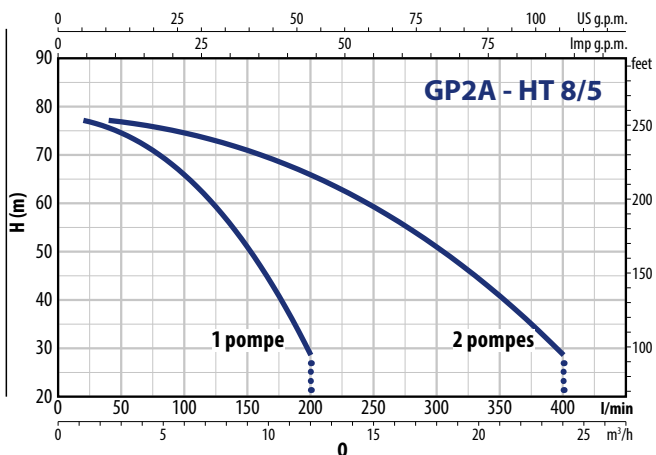
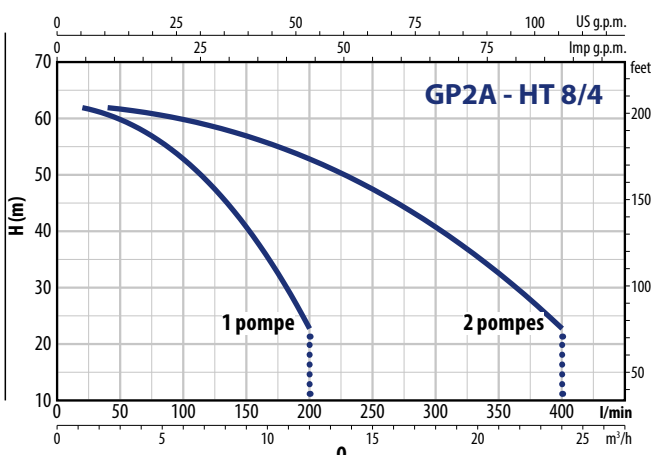
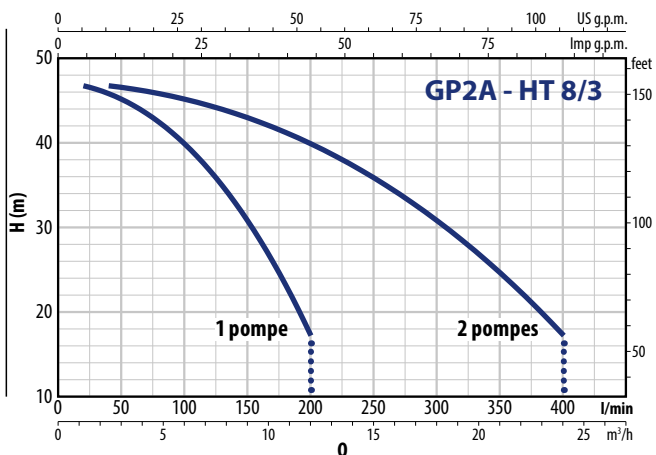
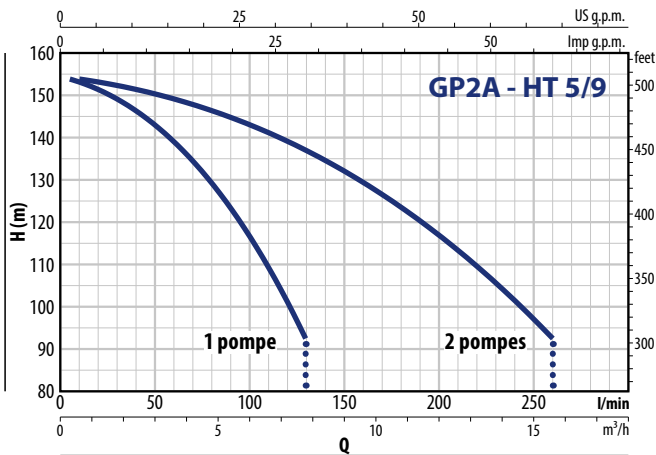
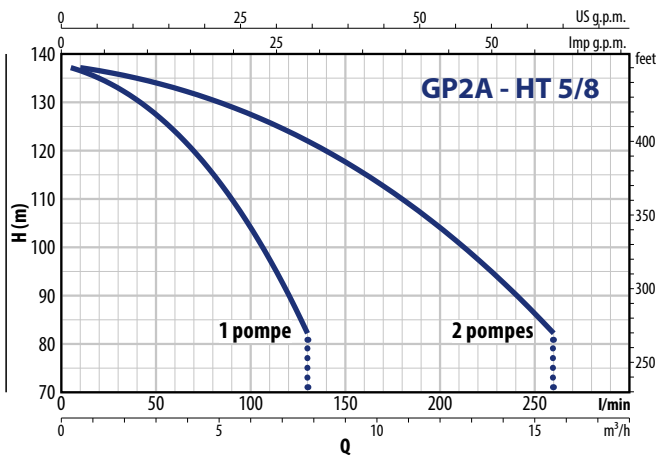
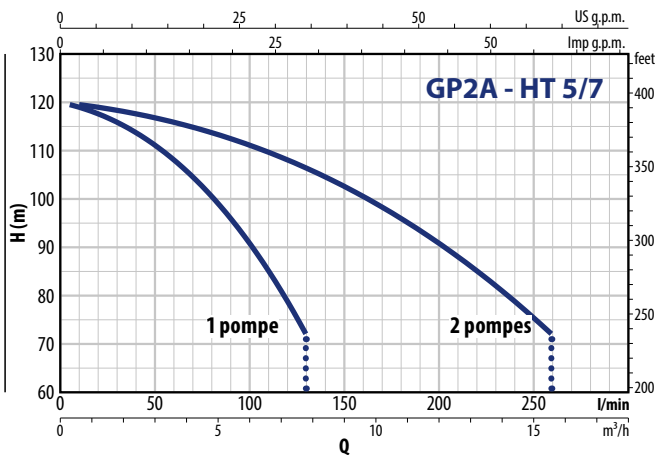
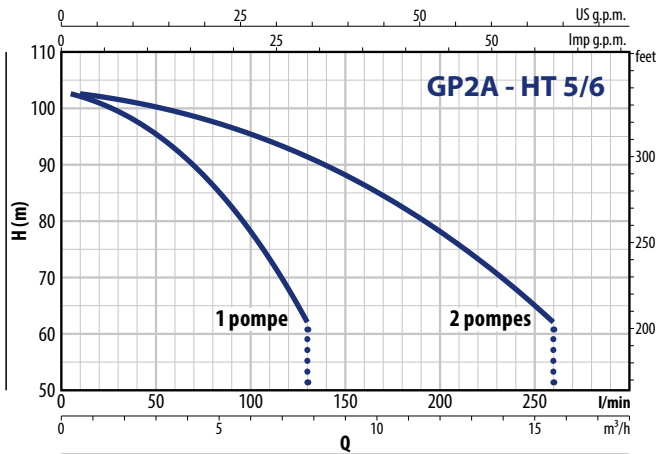
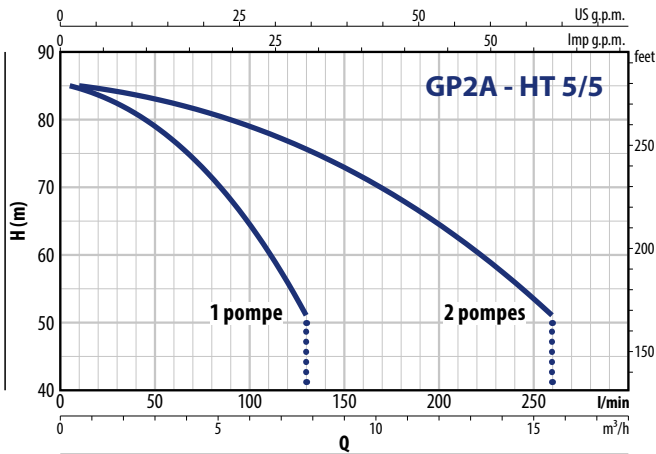
Q = Débit H = Prévalence manométrique totale
✖ Les données représentées dans le diagramme et les tableaux indiquent les performances avec 2 pompes en cours de fonctionnement

COURBES DE PERFORMANCE

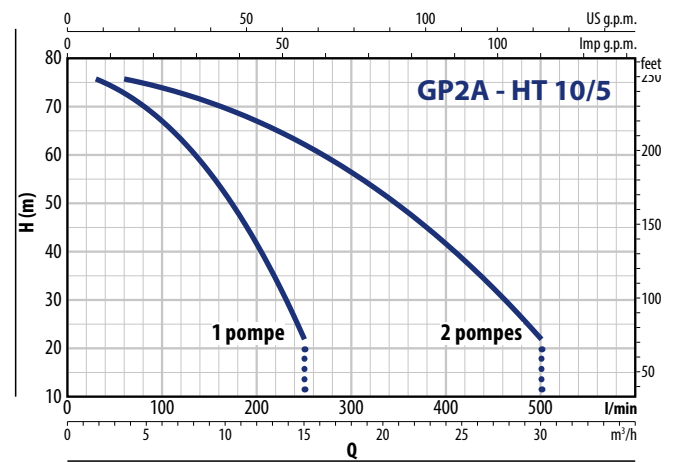
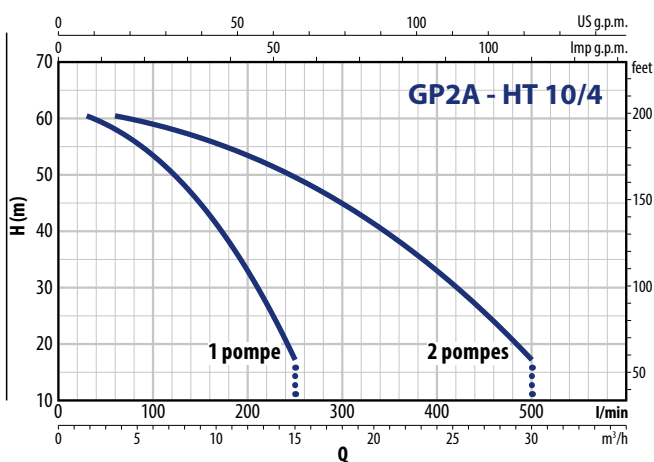
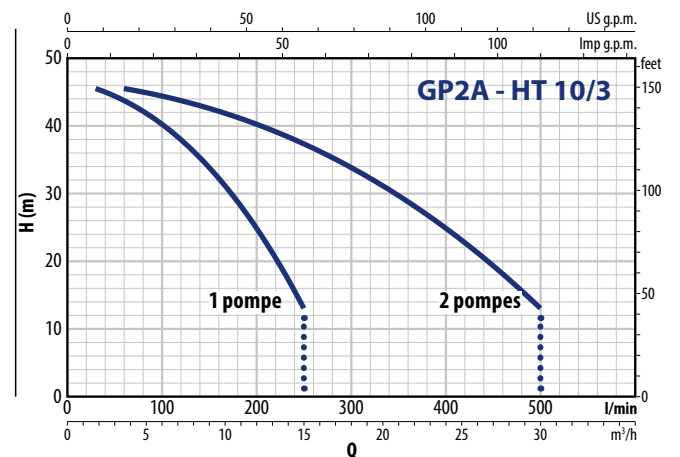
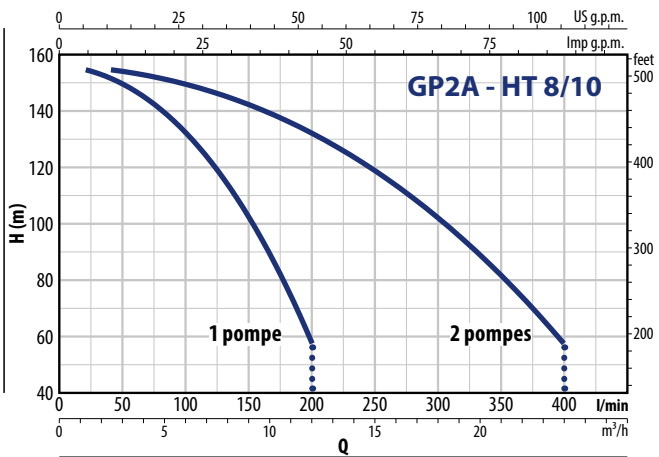
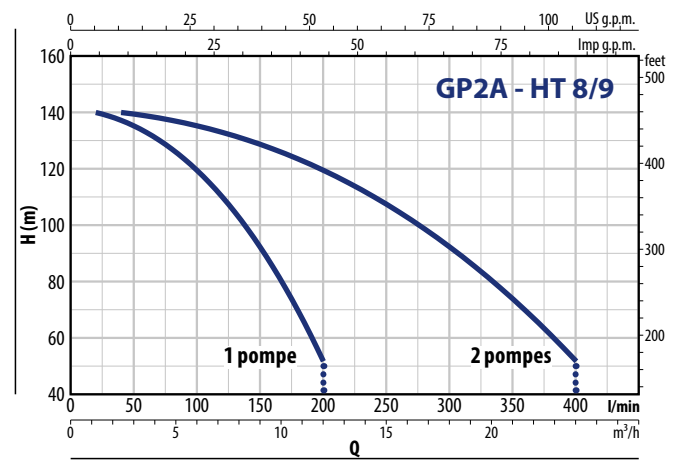
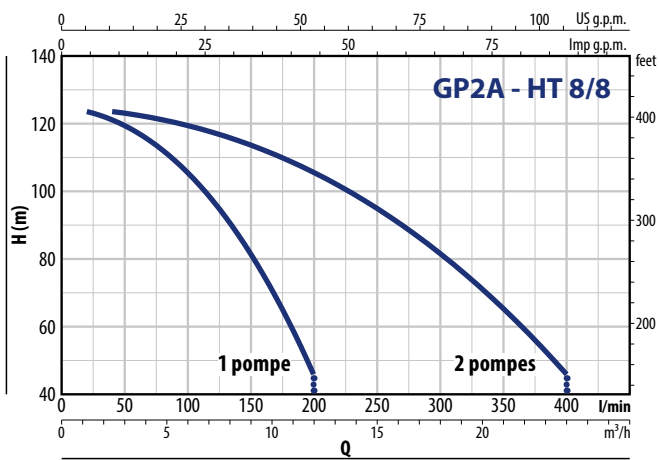
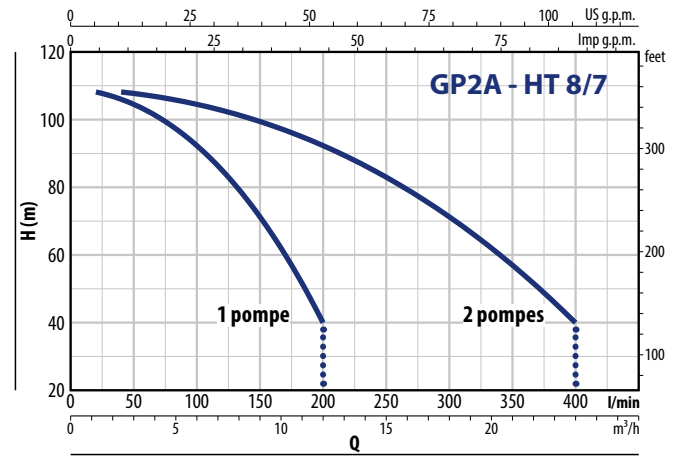
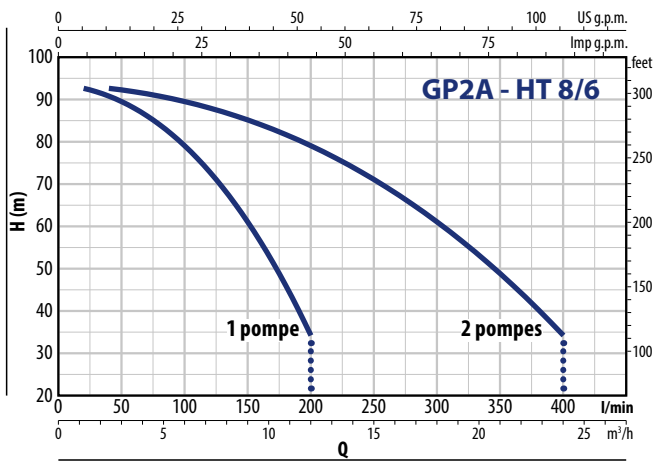


GP2A - HT

COURBES DE PERFORMANCE

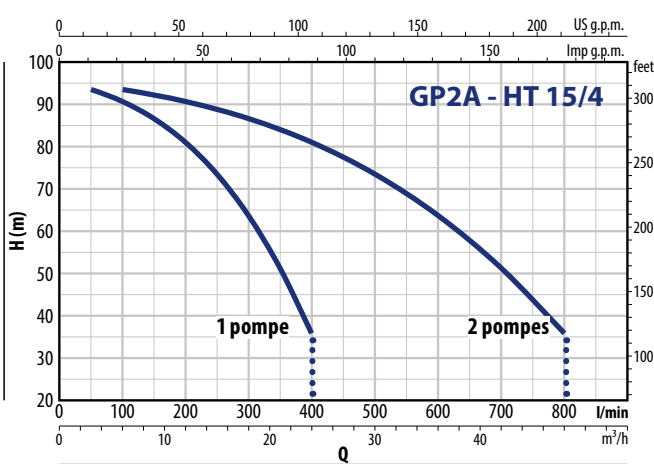
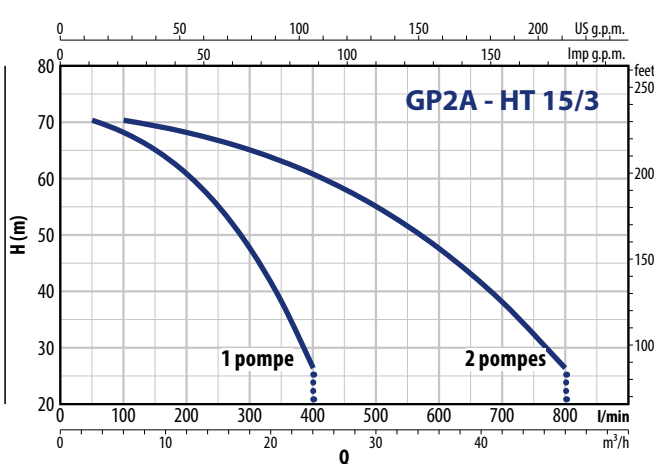
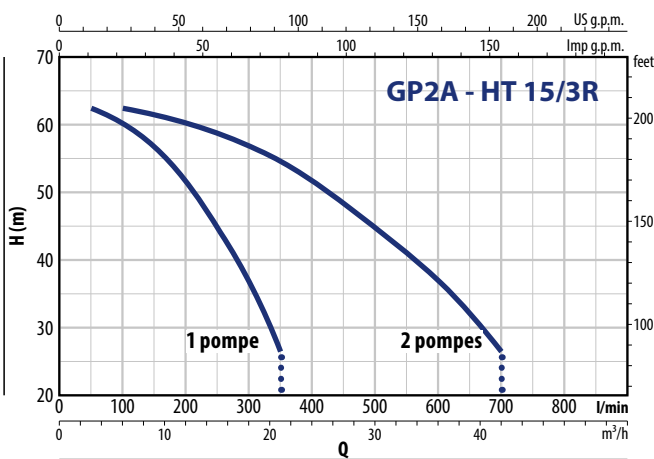
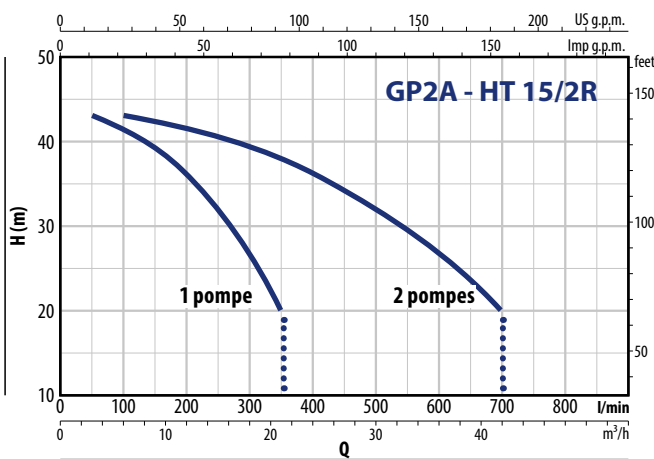
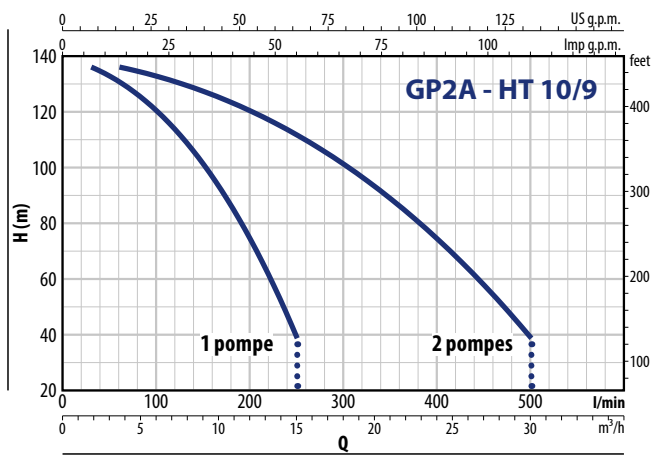
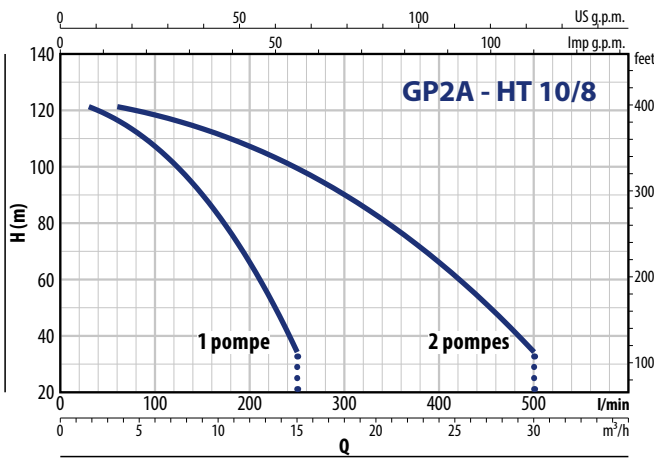
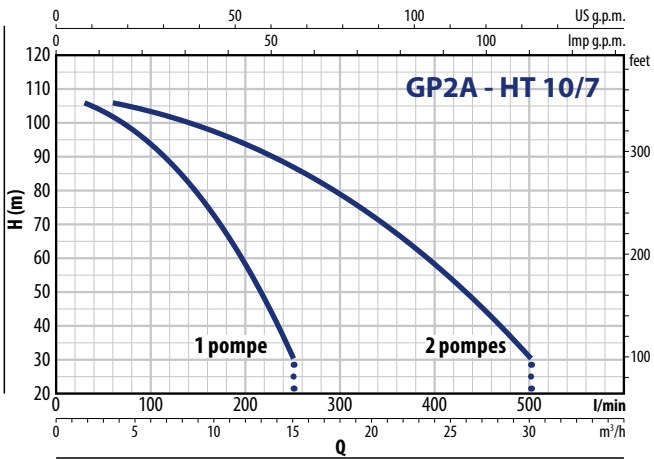
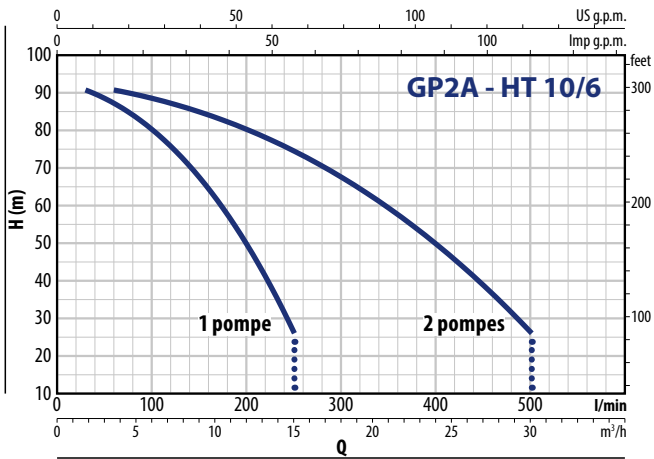


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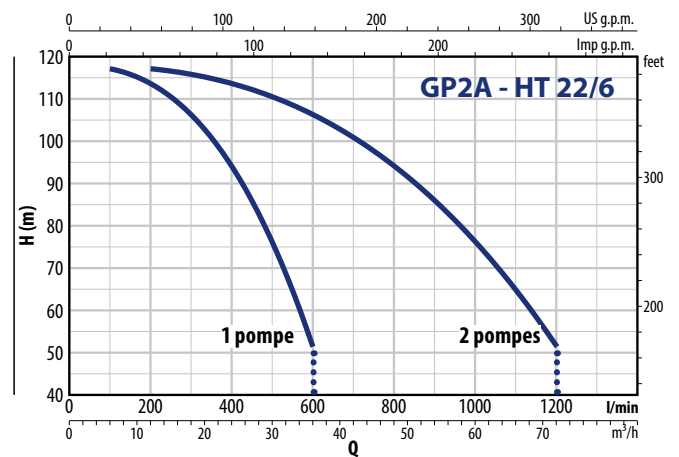
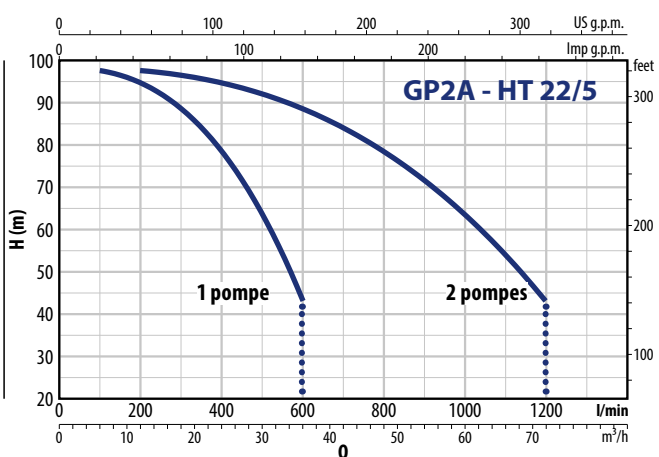
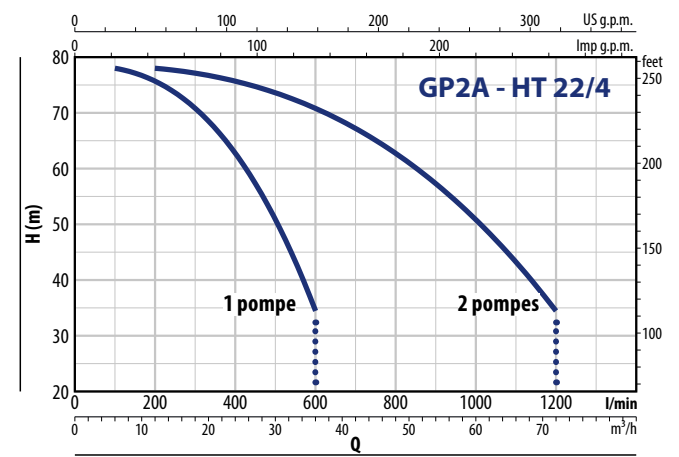
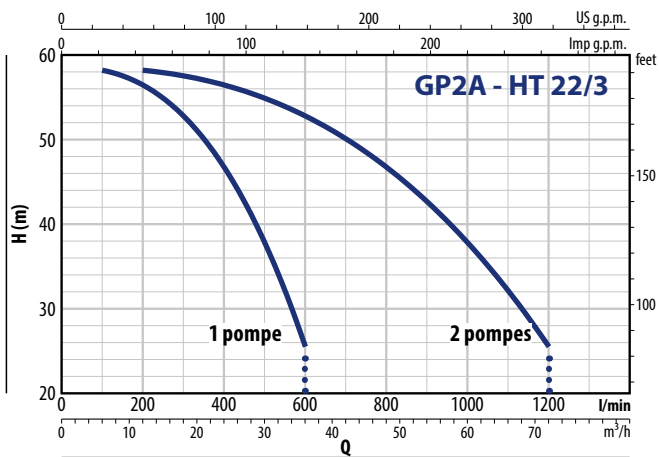
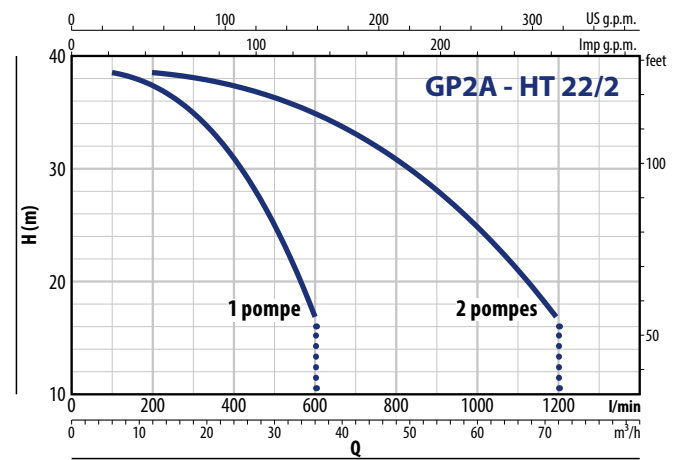
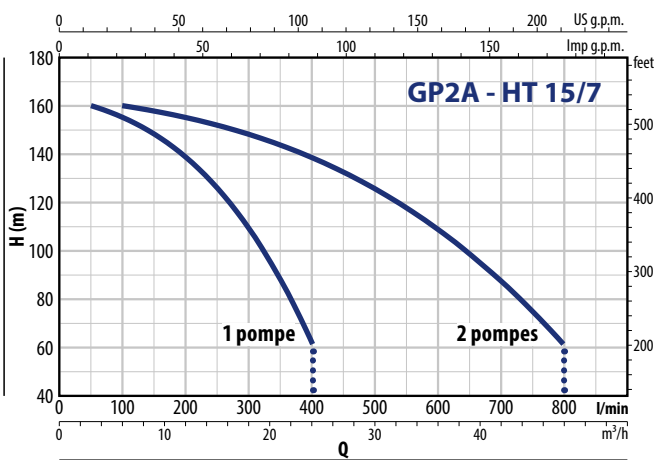
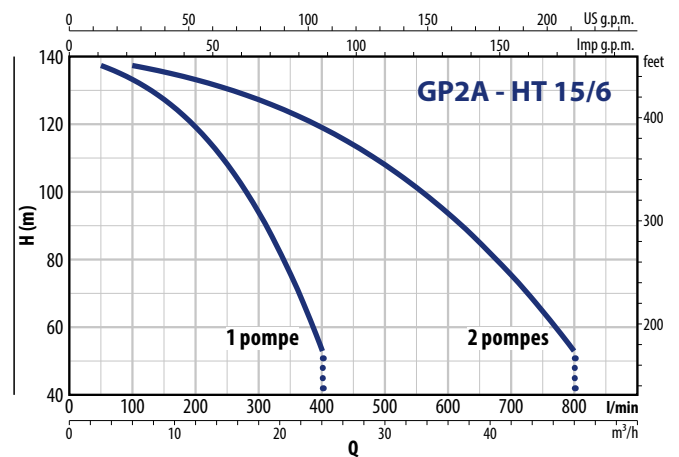
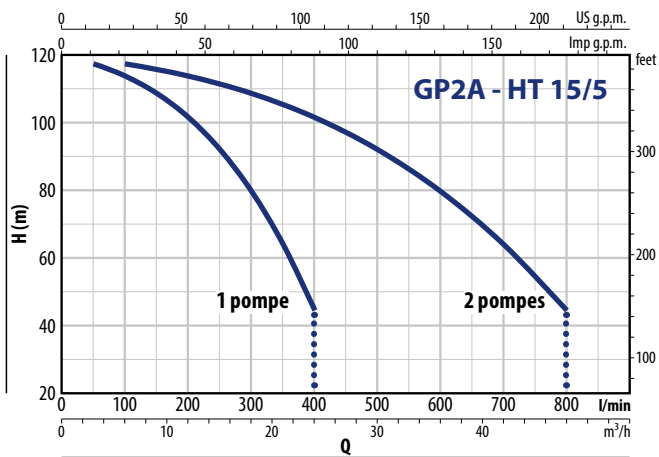


GP2A - HT

COURBES DE PERFORMANCE

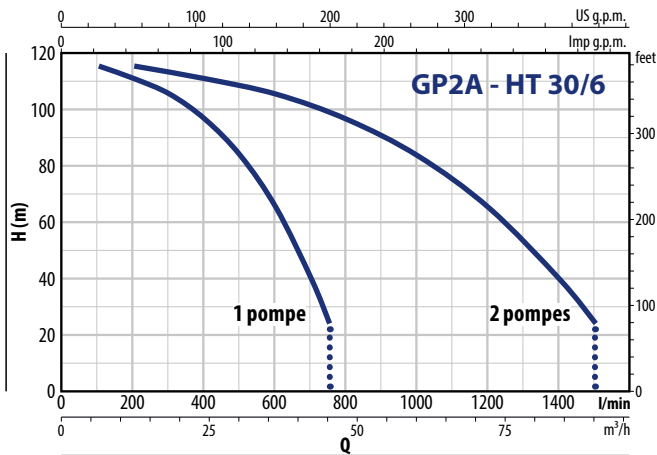
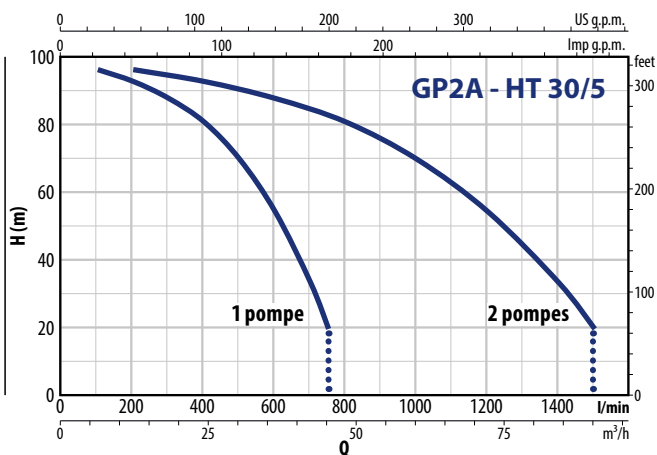
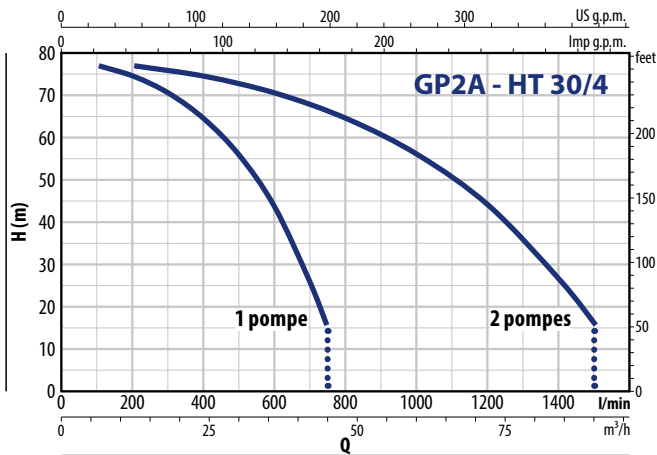
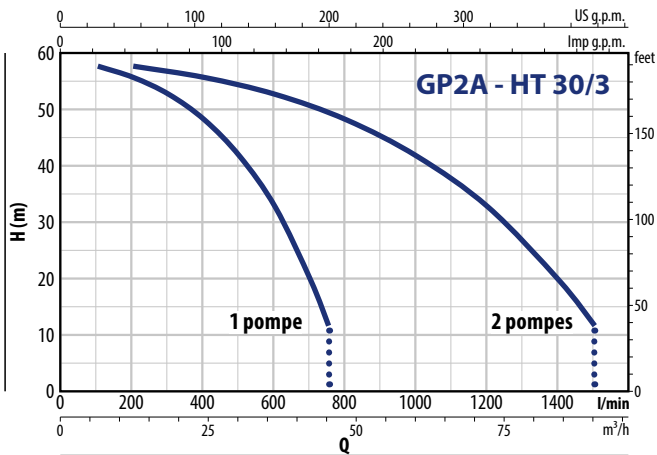
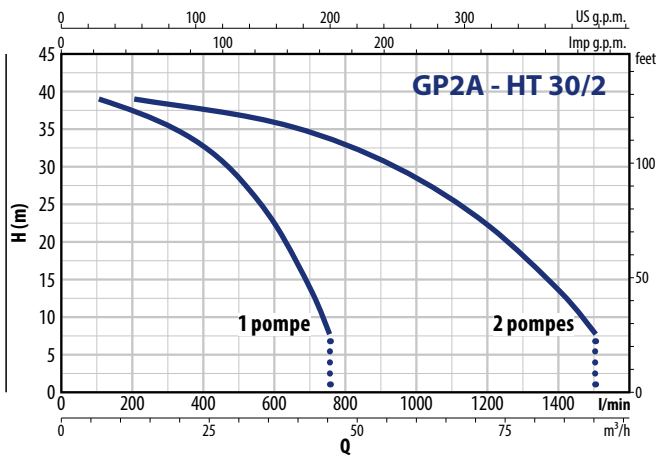
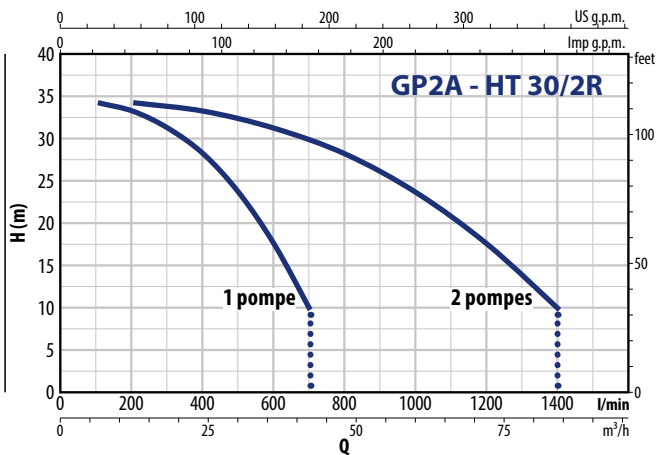
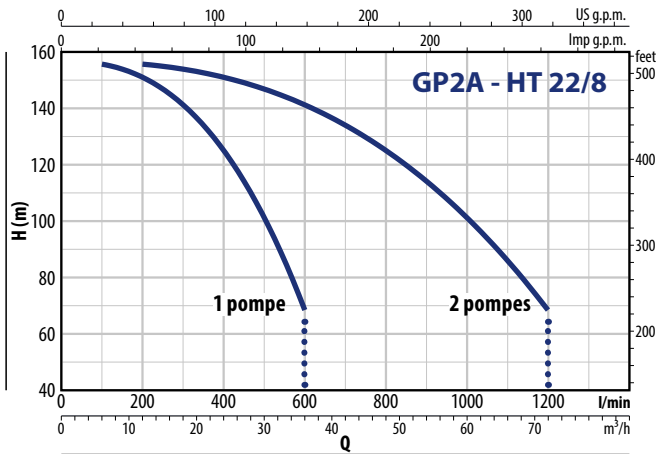
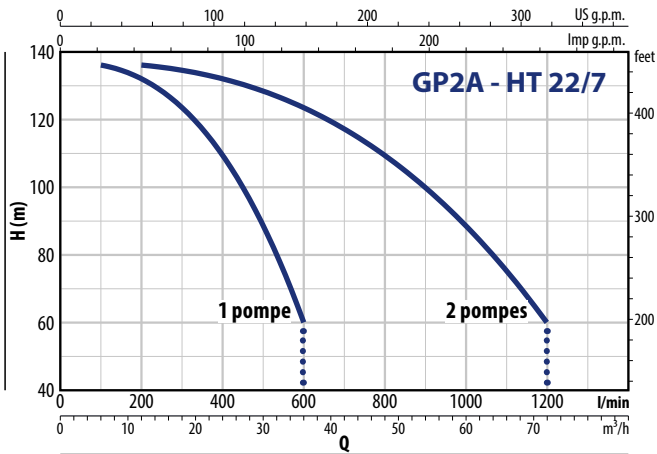


COURBES DE PERFORMANCE



GP2A - HT

COURBES DE PERFORMANCE



ABSORPTIONS

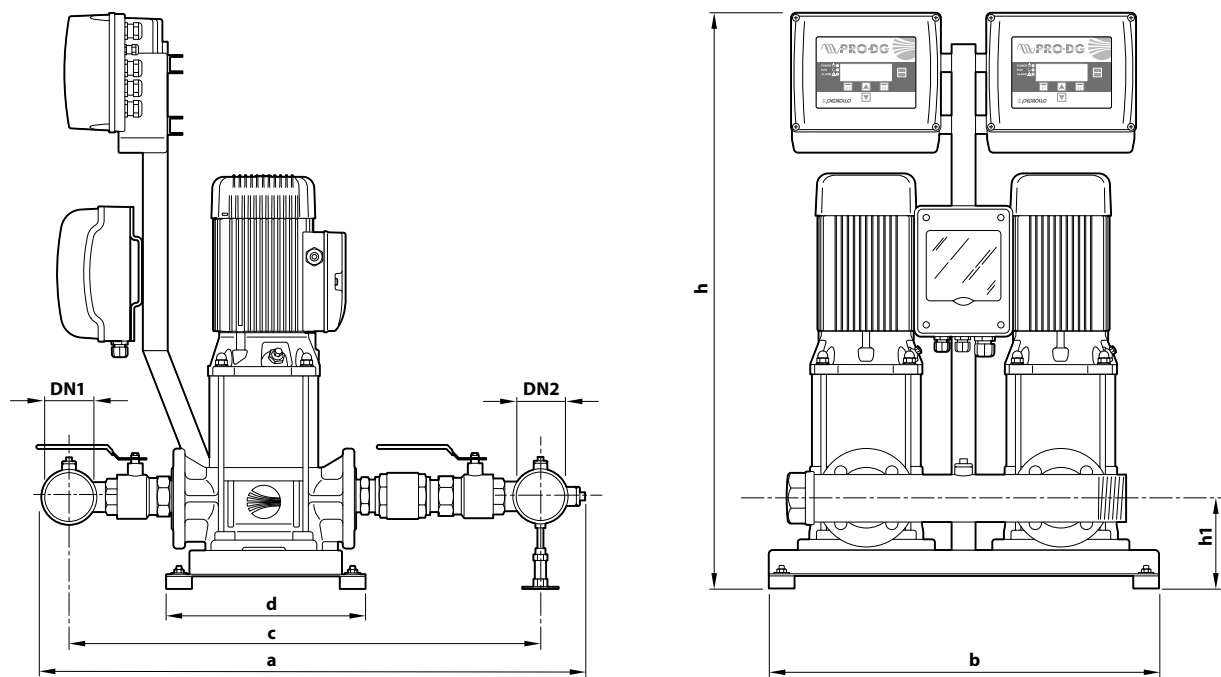
TYPE	TENSION
Monophasé	230 V
GP2Am - HT 3/5	–
GP2Am - HT 3/6	–
GP2Am - HT 3/7	–
GP2Am - HT 5/3	–
GP2Am - HT 5/4	–
GP2Am - HT 5/5	–
GP2Am - HT 5/6	–
GP2Am - HT 8/3	–
GP2Am - HT 8/4	–
GP2Am - HT 8/5	–
GP2Am - HT 8/6	2×19.5 A
GP2Am - HT 10/3	2×12.2 A
GP2Am - HT 10/4	–
GP2Am - HT 10/5	2×18.0 A

TYPE	TENSION
Triphasé	400 V - Δ
GP2A - HT 3/5	–
GP2A - HT 3/6	–
GP2A - HT 3/7	–
GP2A - HT 3/8	–
GP2A - HT 3/9	–
GP2A - HT 3/10	–
GP2A - HT 5/3	–
GP2A - HT 5/4	–
GP2A - HT 5/5	–
GP2A - HT 5/6	–
GP2A - HT 5/7	–
GP2A - HT 5/8	–
GP2A - HT 5/9	–
GP2A - HT 8/3	–
GP2A - HT 8/4	–
GP2A - HT 8/5	2×6.8 A
GP2A - HT 8/6	–
GP2A - HT 8/7	–
GP2A - HT 8/8	2×10.5 A
GP2A - HT 8/9	–
GP2A - HT 8/10	–
GP2A - HT 10/3	2×4.5 A
GP2A - HT 10/4	–
GP2A - HT 10/5	2×6.5 A
GP2A - HT 10/6	–
GP2A - HT 10/7	2×9.5 A
GP2A - HT 10/8	–
GP2A - HT 10/9	2×10.5 A
GP2A - HT 15/2R	–
GP2A - HT 15/3R	2×8.8 A
GP2A - HT 15/3	2×10.0 A
GP2A - HT 15/4	2×12.3 A
GP2A - HT 15/5	–
GP2A - HT 15/6	–
GP2A - HT 15/7	–
GP2A - HT 22/2	–
GP2A - HT 22/3	–
GP2A - HT 22/4	–
GP2A - HT 22/5	–
GP2A - HT 22/6	–
GP2A - HT 22/7	2×26.0 A
GP2A - HT 22/8	–
GP2A - HT 30/2R	–
GP2A - HT 30/2	2×10.5 A
GP2A - HT 30/3	–
GP2A - HT 30/4	2×15.5 A
GP2A - HT 30/5	2×22.0 A
GP2A - HT 30/6	2×25.0 A

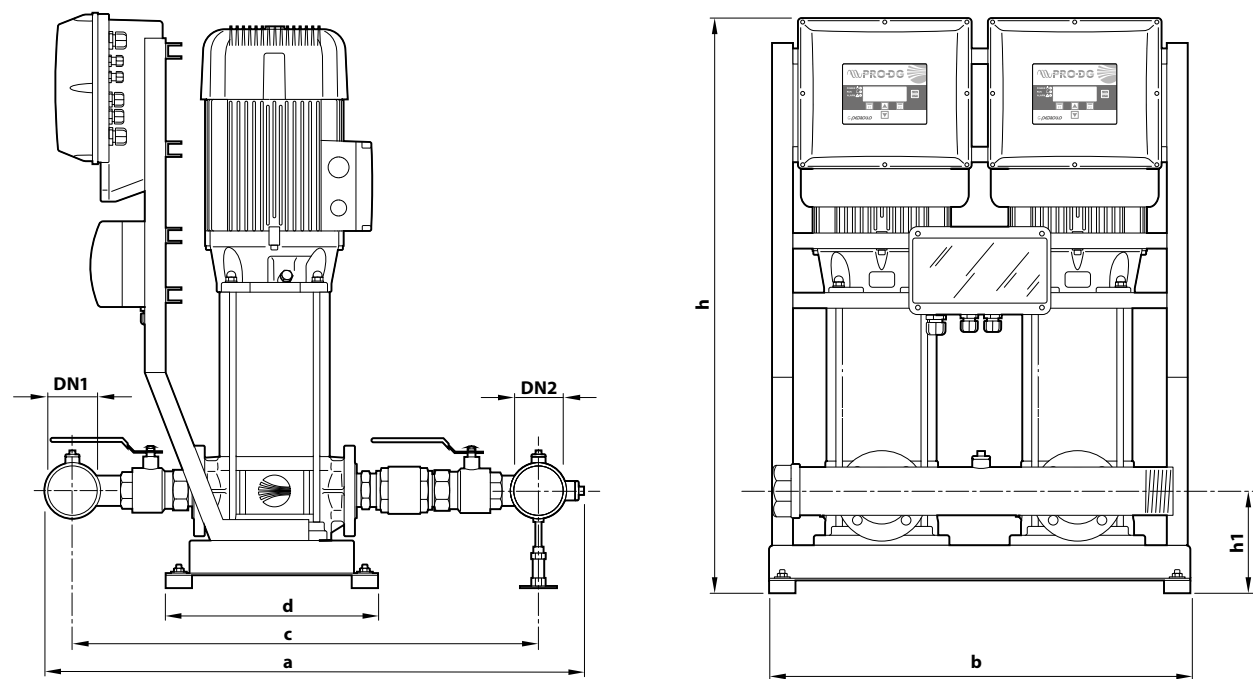
GP2A - HT

DIMENSIONS ET POIDS

Type A



Type B



DIMENSIONS ET POIDS

MODÈLE		TYPE	BOUCHES		DIMENSIONS mm						kg	
Monophasé	Triphasé		DN1	DN2	a	b	c	d	h	h1	1~	3~
GP2Am - HT 3/5	GP2A - HT 3/5	A	2"	2"	732	600	614	310	882	138	111.0	111.0
GP2Am - HT 3/6	GP2A - HT 3/6	A									113.6	113.6
GP2Am - HT 3/7	GP2A - HT 3/7	A									123.4	123.4
–	GP2A - HT 3/8	A									–	138.0
–	GP2A - HT 3/9	A									–	140.0
–	GP2A - HT 3/10	A									–	141.8
GP2Am - HT 5/3	GP2A - HT 5/3	A	2"	2"	777	600	659	310	882	138	112.0	112.0
GP2Am - HT 5/4	GP2A - HT 5/4	A									116.0	116.0
GP2Am - HT 5/5	GP2A - HT 5/5	A									120.6	120.6
GP2Am - HT 5/6	GP2A - HT 5/6	A									122.6	122.6
–	GP2A - HT 5/7	A									–	140.2
–	GP2A - HT 5/8	A									–	142.2
–	GP2A - HT 5/9	A									–	150.6
GP2Am - HT 8/3	GP2A - HT 8/3	A	2½"	2½"	873	600	739	310	882	143	119.0	119.0
GP2Am - HT 8/4	GP2A - HT 8/4	A									123.0	123.0
GP2Am - HT 8/5	GP2A - HT 8/5	A									130.0	130.0
GP2Am - HT 8/6	GP2A - HT 8/6	A									131.6	131.6
–	GP2A - HT 8/7	A									–	147.0
–	GP2A - HT 8/8	A									–	155.2
–	GP2A - HT 8/9	A									–	157.2
–	GP2A - HT 8/10	A	–	167.2								
GP2Am - HT 10/3	GP2A - HT 10/3	A	2½"	2½"	873	600	739	310	882	143	120.0	120.0
GP2Am - HT 10/4	GP2A - HT 10/4	A									124.0	124.0
GP2Am - HT 10/5	GP2A - HT 10/5	A									131.0	131.0
–	GP2A - HT 10/6	A									–	147.6
–	GP2A - HT 10/7	A									–	148.0
–	GP2A - HT 10/8	A									–	156.2
–	GP2A - HT 10/9	A									–	158.2
–	GP2A - HT 15/2R	A	3"	3"	995	770	847	388	912	183	–	173.0
–	GP2A - HT 15/3R	A									–	174.0
–	GP2A - HT 15/3	A									–	183.0
–	GP2A - HT 15/4	B									–	213.0
–	GP2A - HT 15/5	B									–	229.0
–	GP2A - HT 15/6	B									–	318.0
–	GP2A - HT 15/7	B							–		319.0	
–	GP2A - HT 22/2	A	DN100	DN100	1292	770	1068	388	912	183	–	233.0
–	GP2A - HT 22/3	A									–	242.0
–	GP2A - HT 22/4	B									–	267.0
–	GP2A - HT 22/5	B									–	283.0
–	GP2A - HT 22/6	B									–	372.0
–	GP2A - HT 22/7	B									–	389.0
–	GP2A - HT 22/8	B							1083		–	414.0
–	GP2A - HT 30/2R	A	DN100	DN100	1243	770	1019	388	912	198	–	238.0
–	GP2A - HT 30/2	A									–	244.0
–	GP2A - HT 30/3	B									–	273.0
–	GP2A - HT 30/4	B									–	290.0
–	GP2A - HT 30/5	B									–	397.0
–	GP2A - HT 30/6	B							1044		–	398.0