

-  Acque pulite
-  Uso domestico
-  Uso civile



UTILIZZI E INSTALLAZIONI

GP3A è un sistema preassemblato da collegare alla rete idrica oppure a un serbatoio di prima raccolta per l'alimentazione e la pressurizzazione idrica in edifici residenziali, commerciali, pubblici, in alberghi, per l'irrigazione di giardini, parchi e campi sportivi.

GP3A è idoneo per il pompaggio di acqua pulita e soluzioni acquose che non danneggino chimicamente o meccanicamente i materiali utilizzati e non contengano sostanze abrasive o fibrose.

DESCRIZIONE DEL PRODOTTO

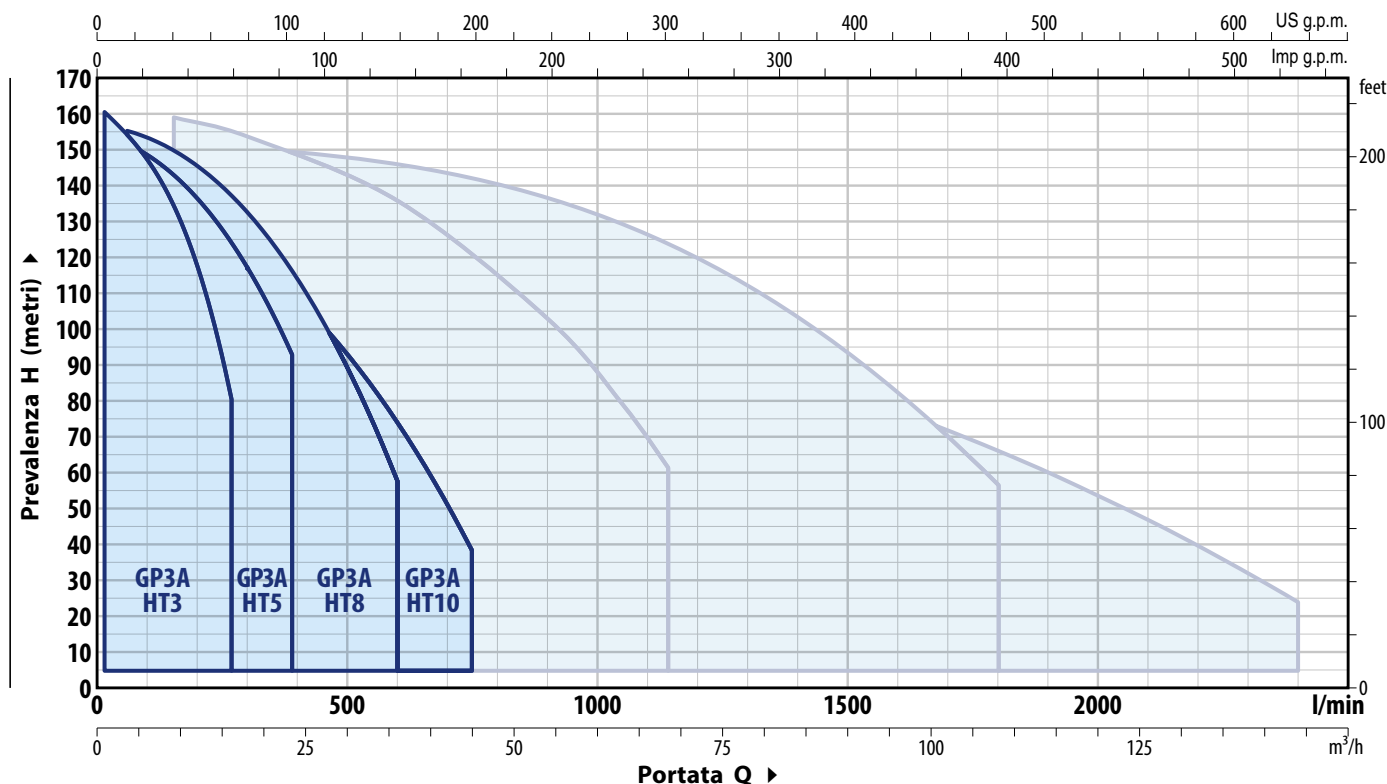
GP3A è un sistema di pressurizzazione a velocità variabile **composto da tre elettropompe** collegate in parallelo e assemblate in una unità, gestite elettronicamente da tre dispositivi **PRO-DG** collegati tra loro, che modulano automaticamente il funzionamento delle pompe in base alle diverse richieste idriche dell'impianto e mantengono la pressione costante.

All'abbassamento della pressione nell'impianto, dovuto al prelievo d'acqua, la prima elettropompa si mette in funzione per soddisfare la portata d'acqua richiesta, mantenendo la pressione al valore di set point; al raggiungimento della massima velocità di rotazione, anche le altre pompe vengono avviate in cascata per garantire il fabbisogno idrico dell'impianto.

CARATTERISTICHE COSTRUTTIVE

- **ELETTROPOMPE** collegate in parallelo mediante collettori in aspirazione e mandata. Ogni unità è dotata di valvole a sfera in aspirazione e di valvole a sfera e di non ritorno in mandata.
- **BASAMENTO** realizzato in profilato metallico e dotato di piedini antivibranti.
- **GP3A** sfruttano la tecnologia inverter per garantire una pressione costante dell'impianto. Grazie a un trasduttore che rileva la pressione in tempo reale, il sistema regola continuamente la velocità di rotazione del motore in base alle effettive richieste delle utenze. L'inverter gestisce inoltre il funzionamento alternato delle elettropompe.
- **GP3A è predisposto per proteggere il sistema da:**
 - marcia a secco
 - sovratensione e sottotensione
- **QUADRO ELETTRICO** con interruttori automatici salvamotore magnetotermici per versioni trifase, interruttori automatici magnetotermici per versioni monofase.
- **LIMITI D'IMPIEGO**
 - Temperatura del liquido da **0 °C** fino a **+60 °C**
 - Temperatura ambiente da **-10 °C** fino a **+40 °C**
 - Pressione massima nel corpo pompa **16 bar**
 - Servizio continuo **S1**
- **ALIMENTAZIONE ELETTRICA**
 - **GP3Am:** monofase 230V ±10% 50/60Hz
 - **GP3A :** trifase 400V ±10% 50/60Hz

CAMPO E DATI DI PRESTAZIONE (GP3A-HT 3, HT 5, HT 8, HT 10)



TIPO		POTENZA (P ₂)		Q										
Monofase	Trifase	kW	HP		m³/h	0	0.3	0.6	0.9	1.8	3.6	7.2	10.8	14.4
GP3A-HTm 3/5	GP3A-HT 3/5	3x1.1	3x1.5	H m	l/min	0	5	10	15	30	60	120	180	240
GP3A-HTm 3/6	GP3A-HT 3/6	3x1.5	3x2			81	80	80	80	79	77	71	63	49.5
GP3A-HTm 3/7	GP3A-HT 3/7	3x1.8	3x2.5			97	96	96	96	95	92	86	75	59
-	GP3A-HT 3/8	3x2.2	3x3			113	112	112	112	111	108	100	88	69
-	GP3A-HT 3/9	3x3	3x4			130	128	128	128	126	123	114	100	79
-	GP3A-HT 3/10	3x3	3x4			146	144	144	144	142	138	129	113	89
						-	160	160	160	158	154	143	126	99

TIPO		POTENZA (P ₂)		Q												
Monofase	Trifase	kW	HP		m³/h	0	0.3	0.6	0.9	1.8	3.6	7.2	10.8	14.4	16.2	18
GP3A-HTm 5/3	GP3A-HT 5/3	3x1.1	3x1.5	H m	l/min	0	5	10	15	30	60	120	180	240	270	300
GP3A-HTm 5/4	GP3A-HT 5/4	3x1.5	3x2			51.5	51.5	51.5	51.5	51	50.5	49	46.5	43	41	39
GP3A-HTm 5/5	GP3A-HT 5/5	3x1.8	3x2.5			68.5	68.5	68.5	68.5	68	67	65	62	57.5	55	52
GP3A-HTm 5/6	GP3A-HT 5/6	3x2.2	3x3			86	85	85	85	85	84	81	77	72	68.5	65
-	GP3A-HT 5/7	3x3	3x4			103	103	103	103	102	101	98	93	86	82	78
-	GP3A-HT 5/8	3x3	3x4			120	120	120	120	119	118	114	108	101	96	91
-	GP3A-HT 5/9	3x4	3x5.5			137	137	137	137	136	134	130	124	115	110	104
						154	154	154	154	153	151	146	139	129	124	117

TIPO		POTENZA (P ₂)		Q												
Monofase	Trifase	kW	HP		m³/h	0	1.2	2.4	3.6	7.2	10.8	14.4	18	21.6	25.2	28.8
GP3A-HTm 8/3	GP3A-HT 8/3	3x1.1	3x1.5	H m	l/min	0	20	40	60	120	180	240	300	360	420	480
GP3A-HTm 8/4	GP3A-HT 8/4	3x1.5	3x2			47	46.5	46.5	46.5	45.5	44	42	39.5	36.5	32.5	28
GP3A-HTm 8/5	GP3A-HT 8/5	3x1.8	3x2.5			62.5	62	62	62	60.5	58.5	56	53	48.5	43.5	37.5
GP3A-HTm 8/6	GP3A-HT 8/6	3x2.2	3x3			78	77.5	77.5	77.5	76	73	70	66	61	54.5	47
-	GP3A-HT 8/7	3x3	3x4			94	93	93	93	91	88	84	79	73	65.5	56.5
-	GP3A-HT 8/8	3x4	3x5.5			109	108	108	108	106	103	98	92	85	76	66
-	GP3A-HT 8/9	3x4	3x5.5			125	124	124	124	121	117	112	106	97	87	75
-	GP3A-HT 8/10	3x5.5	3x7.5			141	139	139	139	136	132	126	119	109	98	85
						156	155	155	155	152	147	140	132	122	109	94

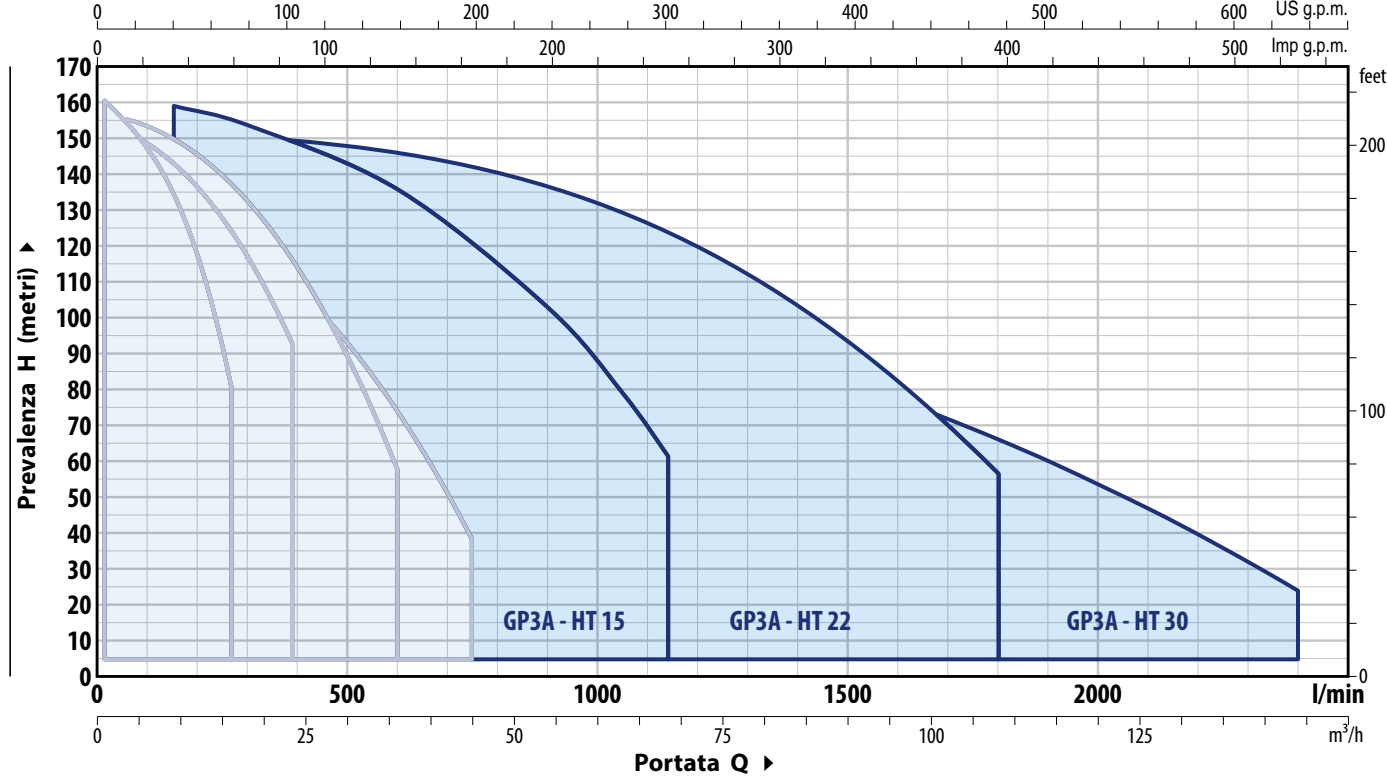
TIPO		POTENZA (P ₂)		Q												
Monofase	Trifase	kW	HP		m³/h	0	1.8	3.6	5.4	9	10.8	14.4	21.6	27	30.6	36
GP3A-HTm 10/3	GP3A-HT 10/3	3x1.5	3x2	H m	l/min	0	30	60	90	150	180	240	360	450	510	600
GP3A-HTm 10/4	GP3A-HT 10/4	3x1.8	3x2.5			47	45.5	45.5	45.5	44	43.5	42	38	33.5	30.5	24.7
GP3A-HTm 10/5	GP3A-HT 10/5	3x2.2	3x3			62	61	61	61	59	58	56	50.5	45	40.5	33
-	GP3A-HT 10/6	3x3	3x4			77	75.5	75.5	75.5	74	73	70	63	56	50.5	41
-	GP3A-HT 10/7	3x3	3x4			93	91	91	91	88	87	84	76	67.5	61	49.5
-	GP3A-HT 10/8	3x4	3x5.5			108	106	106	106	103	102	98	88	79	71	57.5
-	GP3A-HT 10/9	3x4	3x5.5			124	121	121	121	118	116	112	101	90	81	66
						139	136	136	136	133	131	126	113	101	91	74

Q = Portata H = Prevalenza manometrica totale

✖ I dati rappresentati nel diagramma e nelle tabelle, indicano le prestazioni con 3 pompe in funzionamento

GP3A - HT

CAMPO E DATI DI PRESTAZIONE (GP3A-HT 15, HT 22, HT 30)



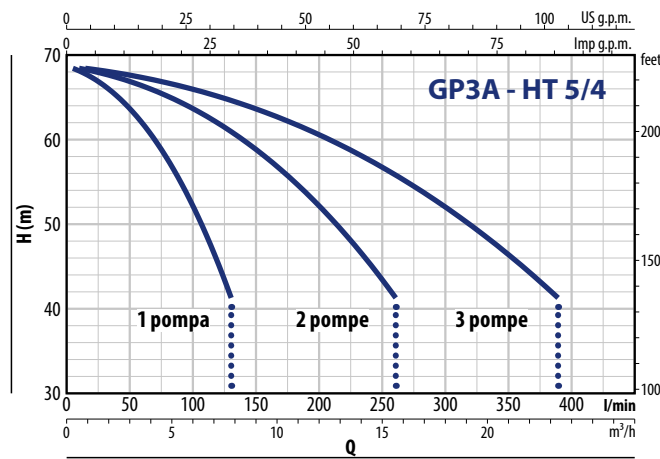
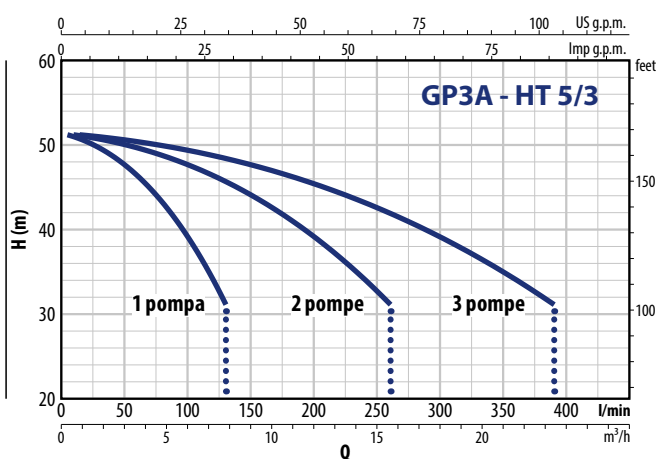
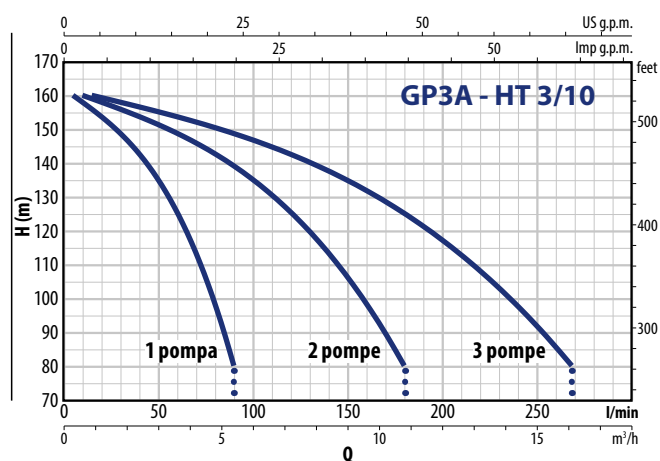
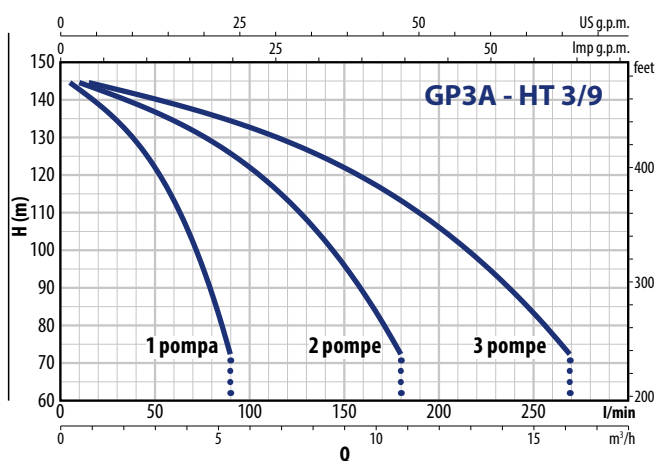
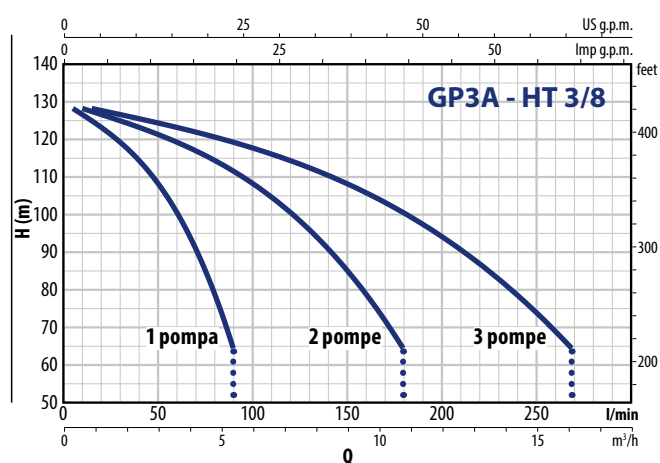
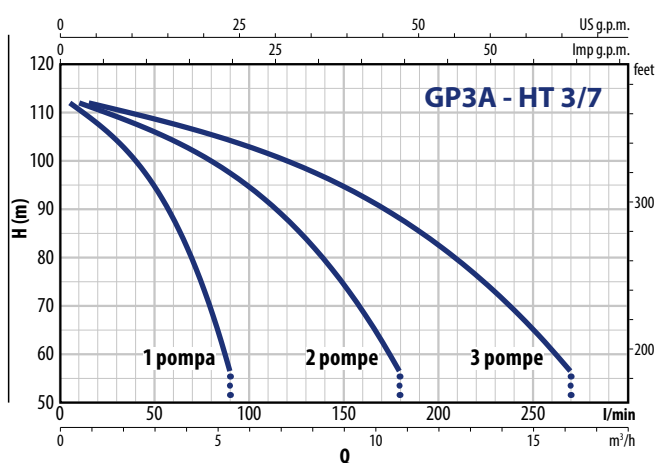
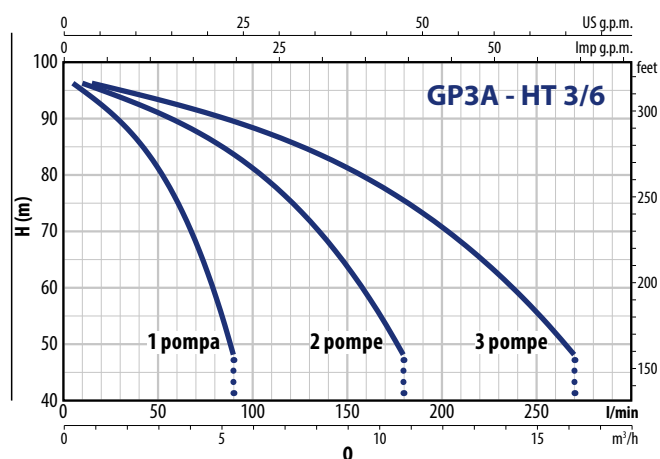
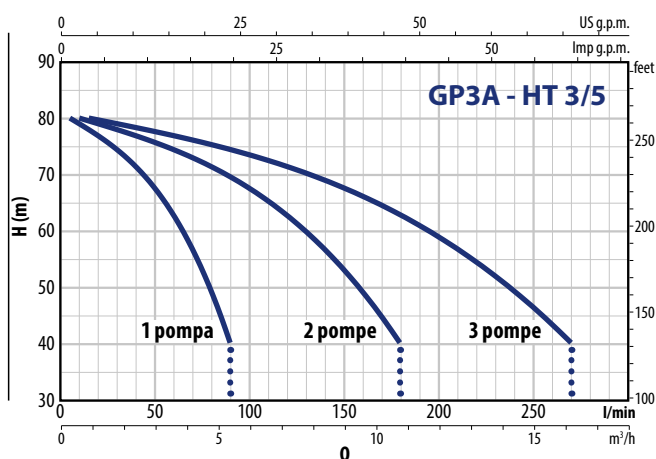
TIPO Trifase	POTENZA (P ₂)		Q m³/h l/min	0	3	6	9	13.5	18	27	36	54	63	68.4
	kW	HP		0	50	100	150	225	300	450	600	900	1050	1140
GP3A-HT 15/2R	3×2.2	3×3	H m	44	43	43	43	42.5	41.5	39.5	36.5	27.5	20.5	
GP3A-HT 15/3R	3×3	3×4		64.5	62.5	62.5	62.5	61.5	60.5	57	52	37.5	27	
GP3A-HT 15/3	3×4	3×5.5		72	70	70	70	69	67.5	64.5	59.5	45	34.5	27
GP3A-HT 15/4	3×5.5	3×7.5		96	93	93	93	92	90.5	86	79.5	60.5	46	36
GP3A-HT 15/5	3×7.5	3×10		120	117	117	117	115	113	107.5	99.5	75.5	58	45
GP3A-HT 15/6	3×9.2	3×12.5		140	137	137	137	134.5	132	125.5	116.5	88	67.5	53
GP3A-HT 15/7	3×9.2	3×12.5		–	160	160	160	157	154	146.5	136	103	79	61.5

TIPO Trifase	POTENZA (P ₂)		Q m³/h l/min	0	6	12	18	36	54	63	72	90	108
	kW	HP		0	100	200	300	600	900	1050	1200	1500	1800
GP3A-HT 22/2	3×3	3×4	H m	39	39	39	39	38	35.5	33.5	31.5	25.4	17.5
GP3A-HT 22/3	3×4	3×5.5		59	58.5	58.5	58.5	56.5	53	50.5	47	38	26
GP3A-HT 22/4	3×5.5	3×7.5		78	78	78	78	76	71	67	62.5	51	34.5
GP3A-HT 22/5	3×7.5	3×10		98	97	97	97	95	88	84	78	63.5	43
GP3A-HT 22/6	3×9.2	3×12.5		118	117	117	117	113	106	101	94	76	52
GP3A-HT 22/7	3×11	3×15		137	136	136	136	132	124	118	110	89	60.5
GP3A-HT 22/8	3×15	3×20		157	156	156	156	151	142	134	125	102	69

TIPO Trifase	POTENZA (P ₂)		Q m³/h l/min	0	9	18	36	54	72	90	108	126	135
	kW	HP		0	150	300	600	900	1200	1500	1800	2100	2250
GP3A-HT 30/2R	3×3	3×4	H m	35	34	34	33	31	28	23.5	17.5	10	
GP3A-HT 30/2	3×4	3×5.5		40	38.5	38.5	37	35.5	32.5	28	22	13.5	8
GP3A-HT 30/3	3×5.5	3×7.5		60	58	58	56	53	48.5	42	33	20	12
GP3A-HT 30/4	3×7.5	3×10		80	77	77	74.5	70.5	64.5	56	44	26.5	16
GP3A-HT 30/5	3×9.2	3×12.5		100	96.5	96.5	93	88	81	70	54.5	33.5	20
GP3A-HT 30/6	3×11	3×15		120	116	116	111.5	106	97	84	65.5	40	24.5

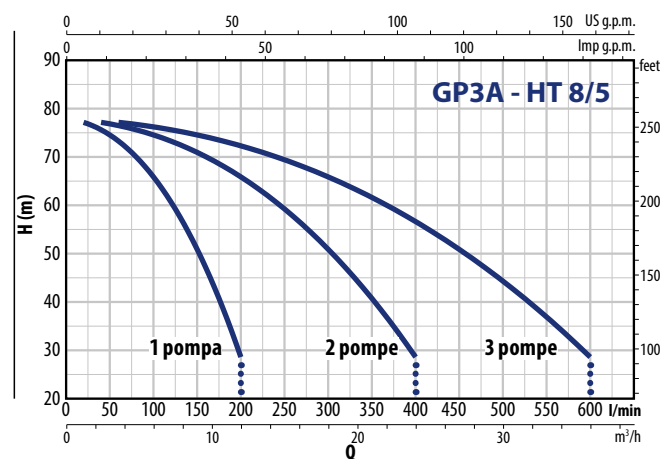
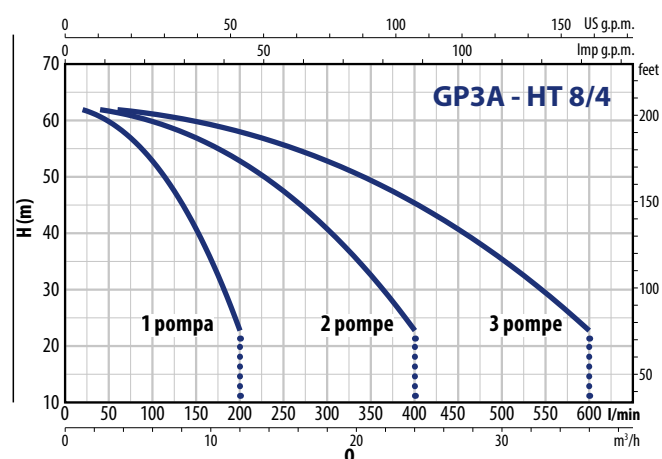
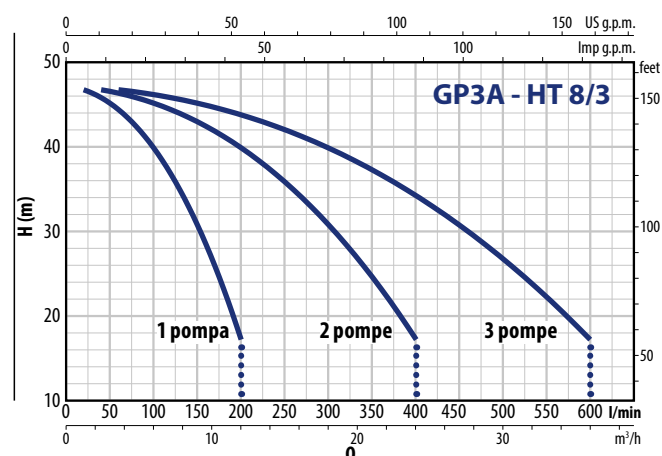
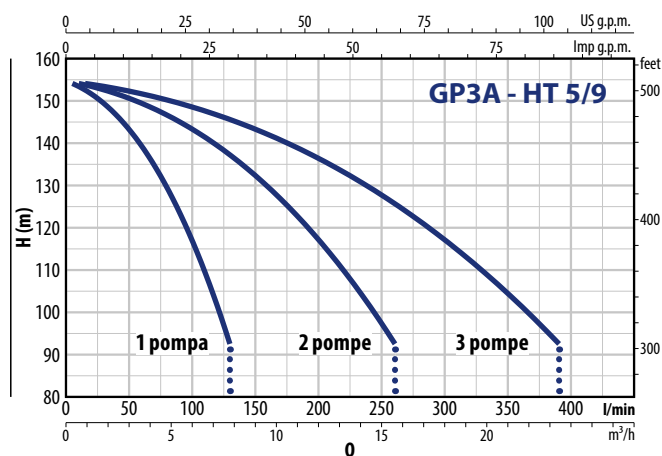
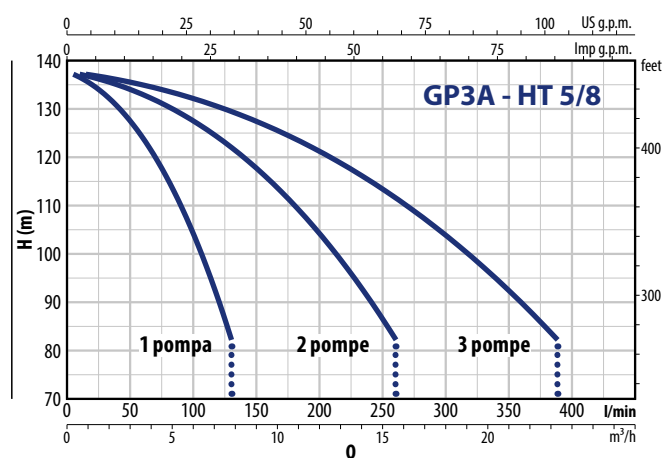
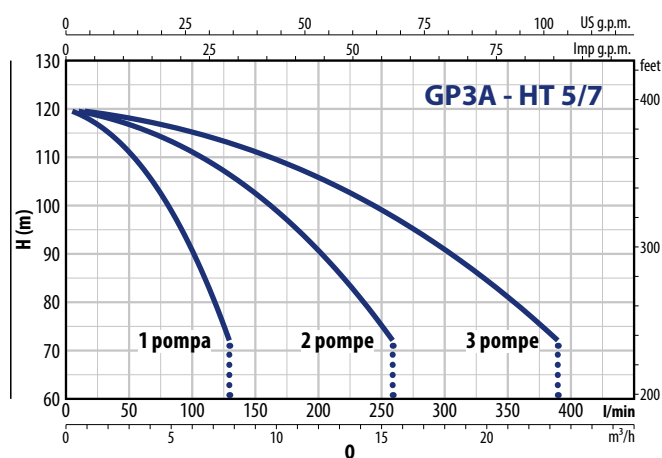
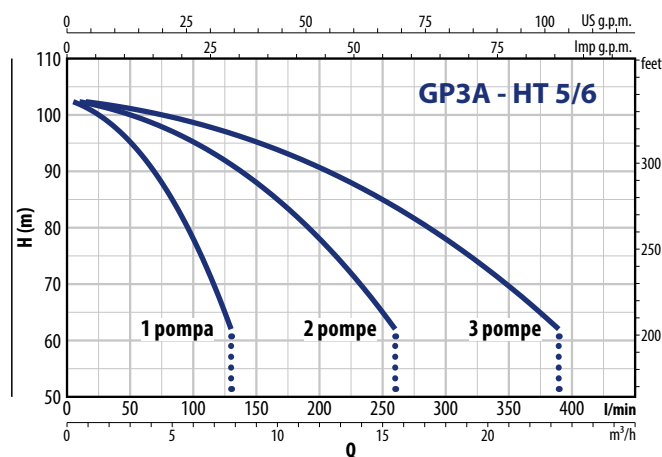
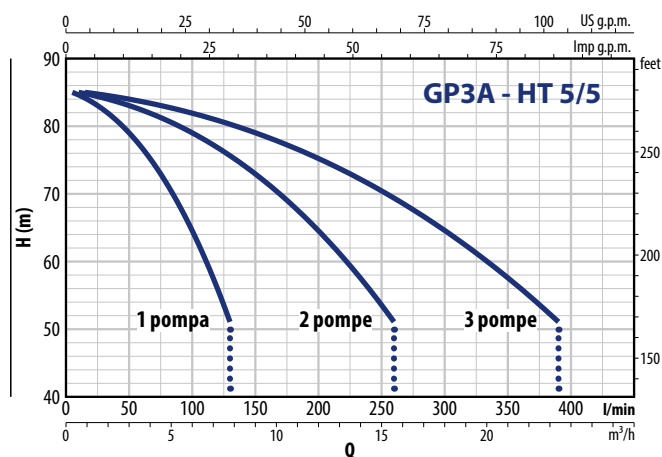
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CURVE DI PRESTAZIONE

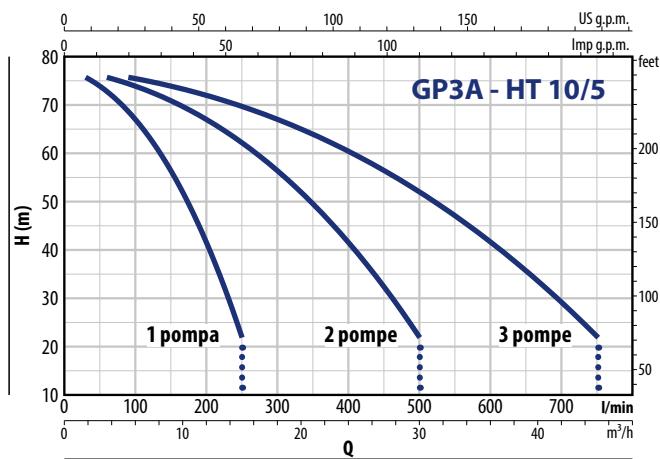
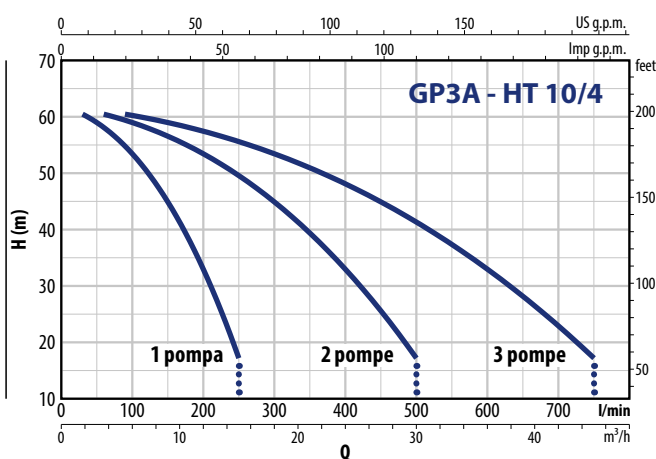
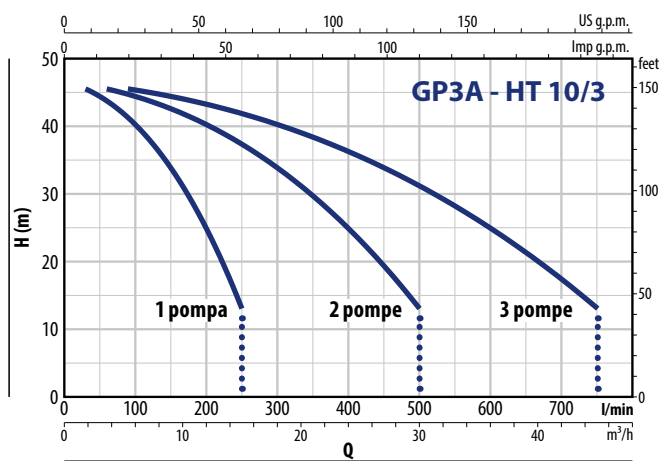
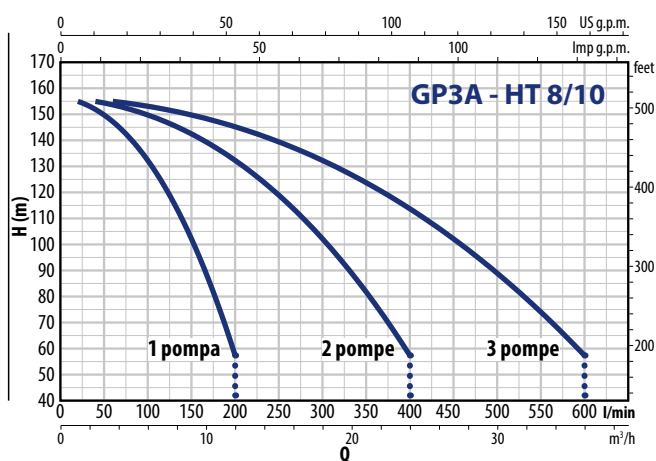
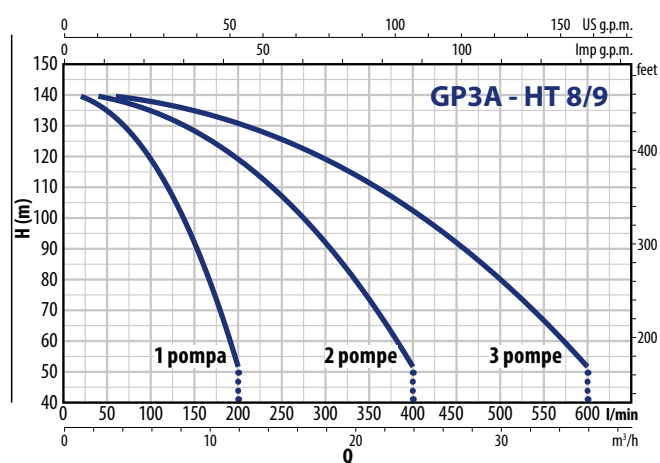
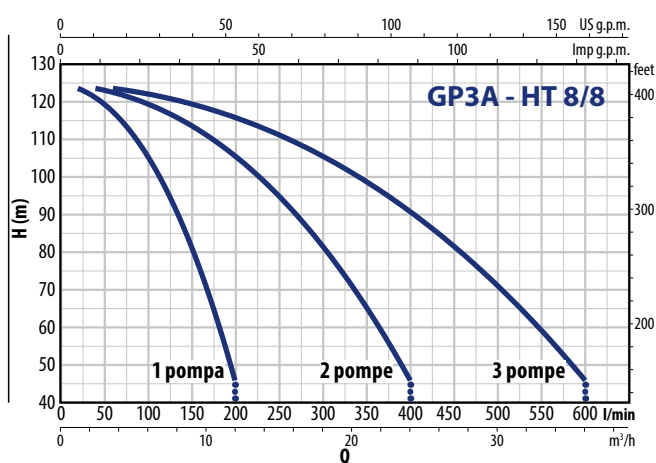
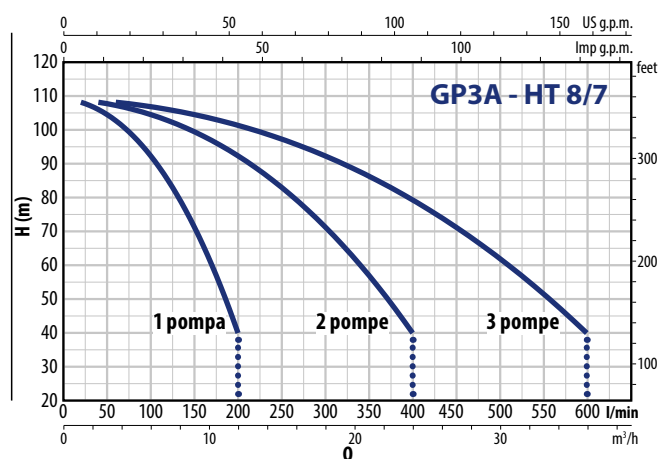
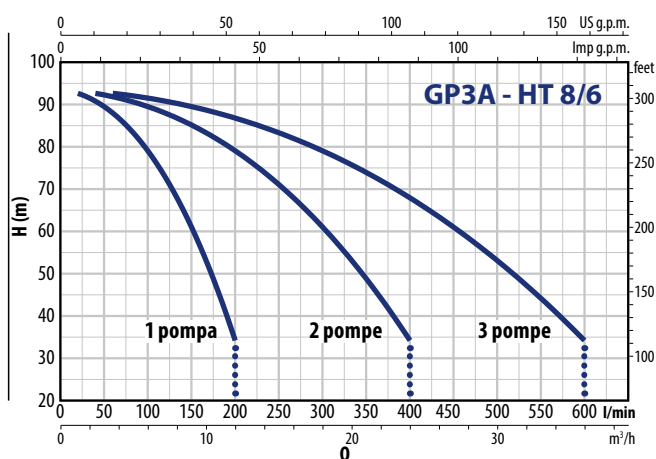


GP3A - HT

CURVE DI PRESTAZIONE

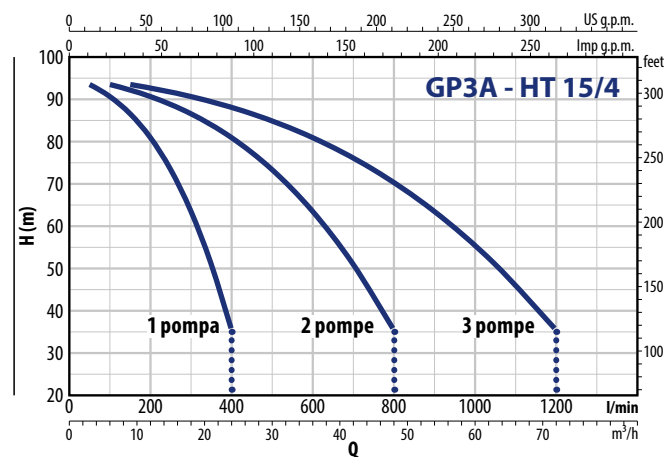
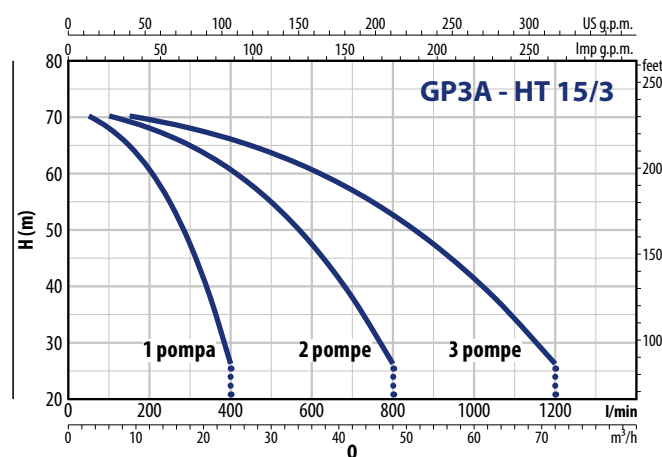
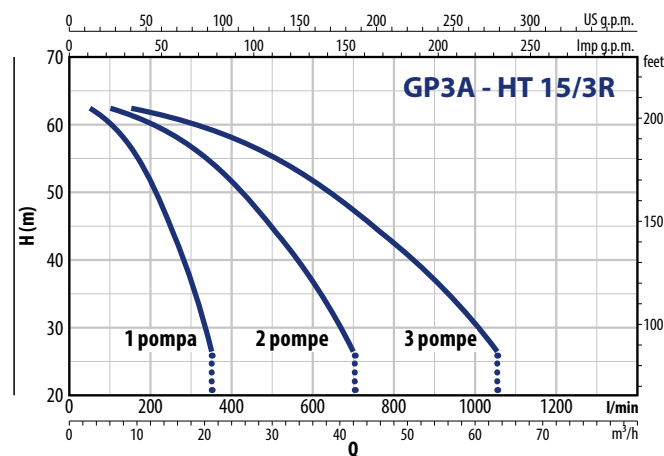
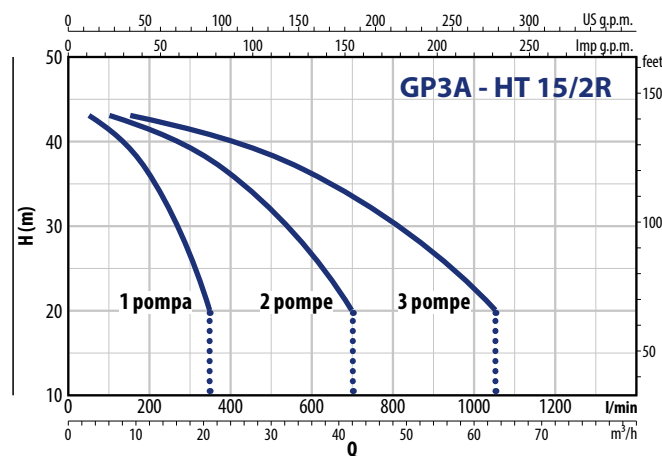
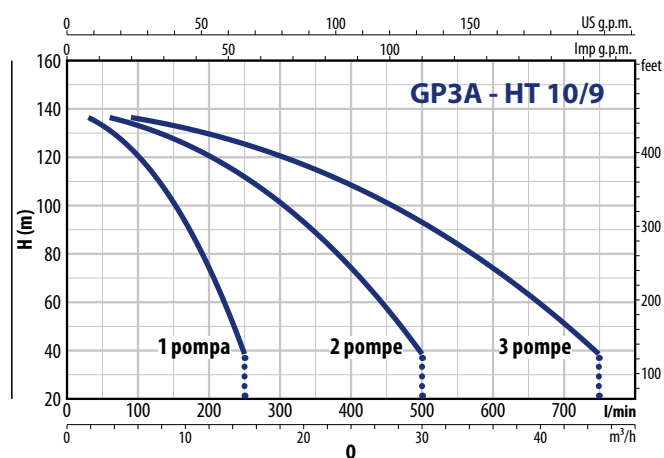
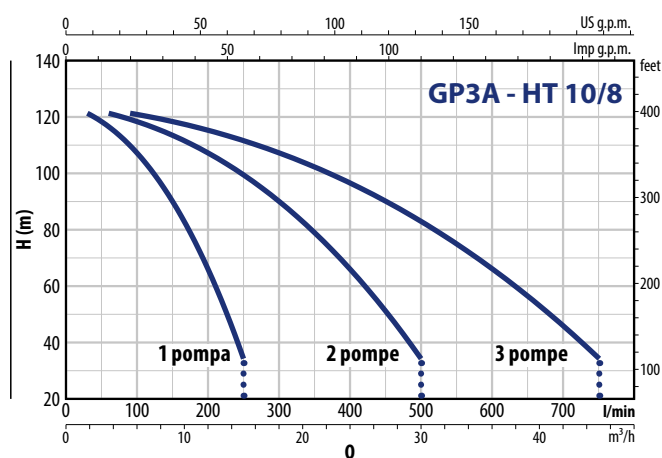
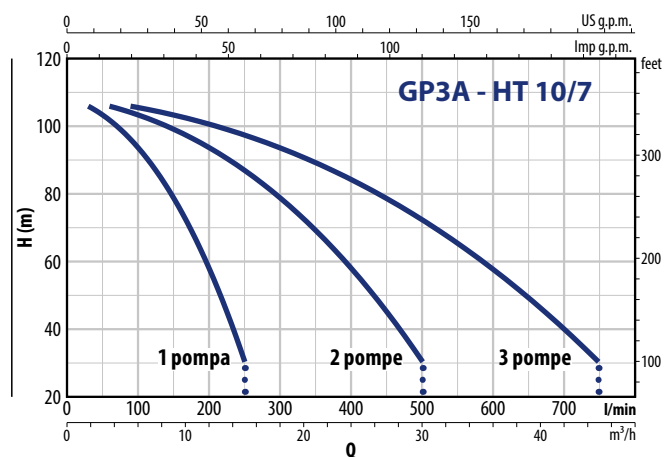
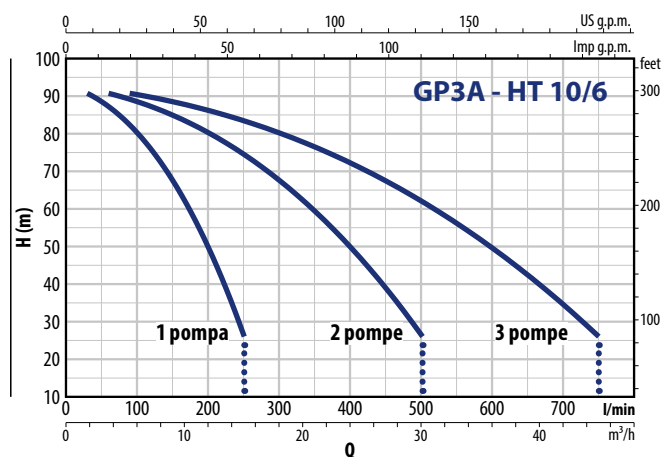


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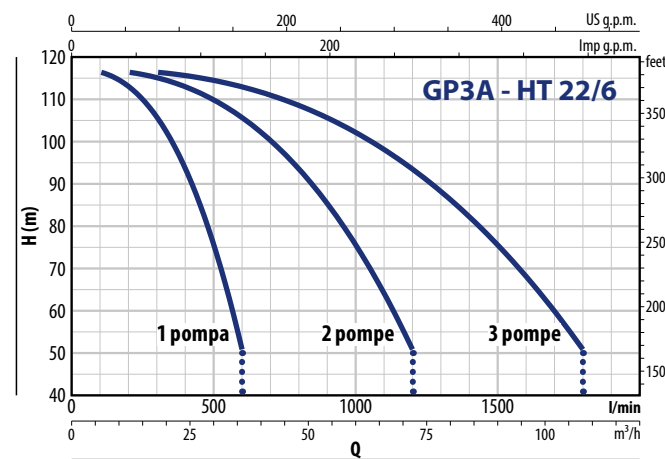
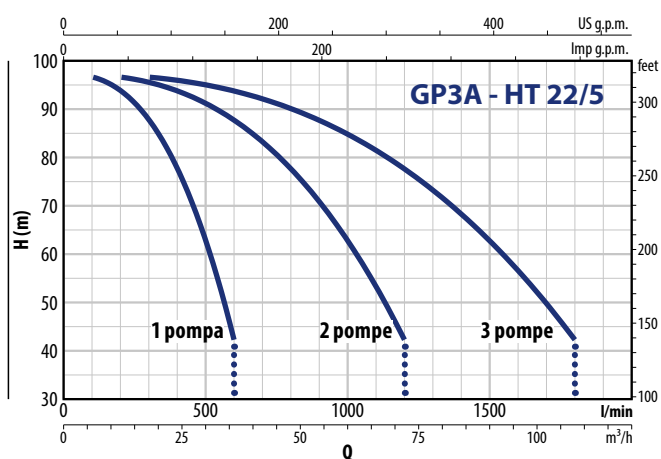
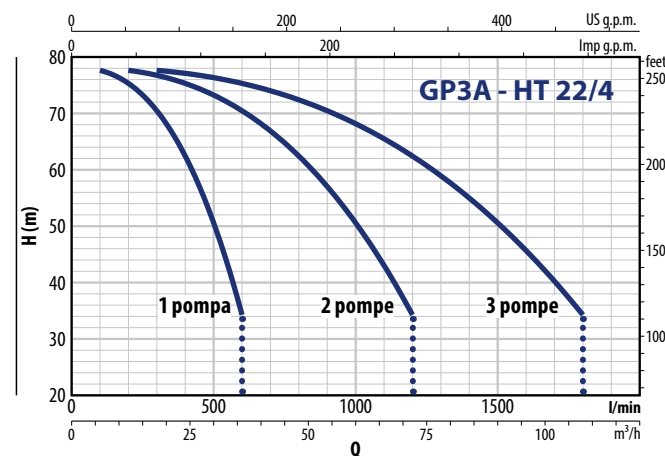
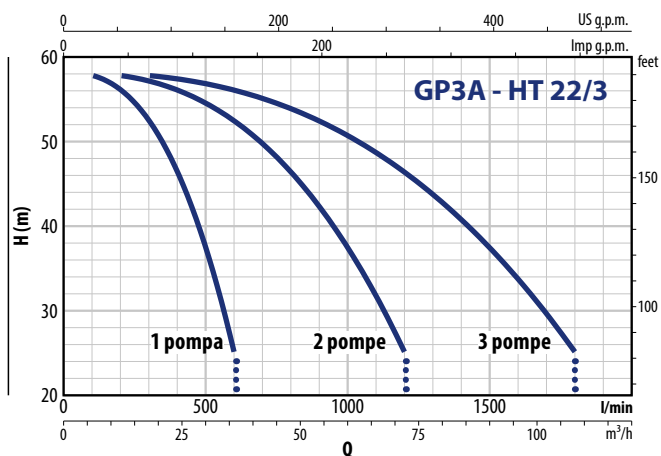
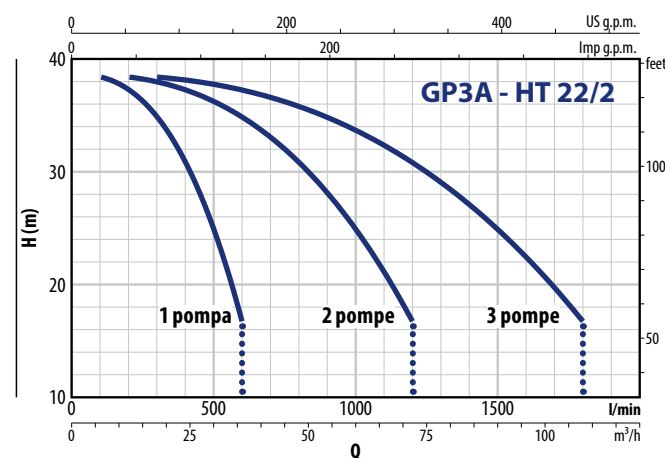
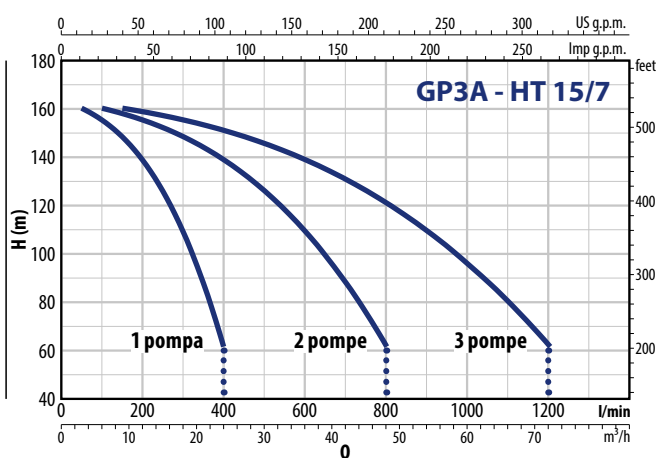
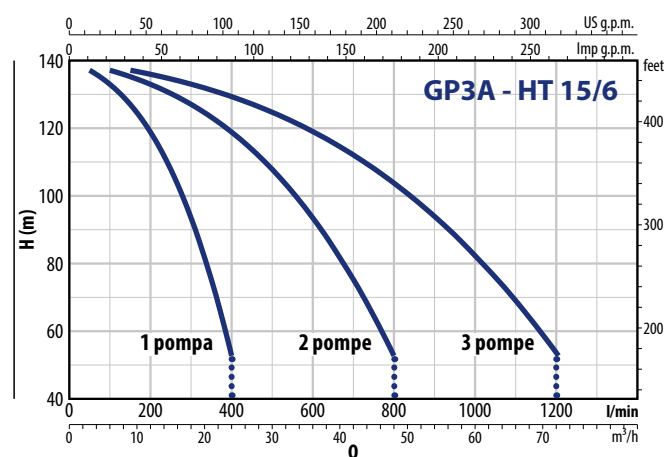
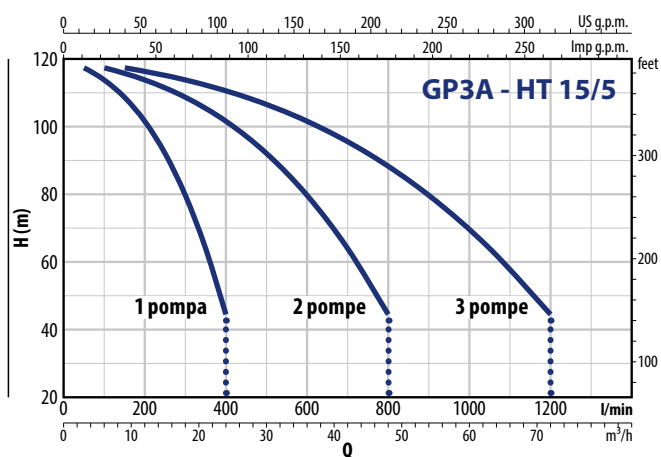


GP3A - HT

CURVE DI PRESTAZIONE

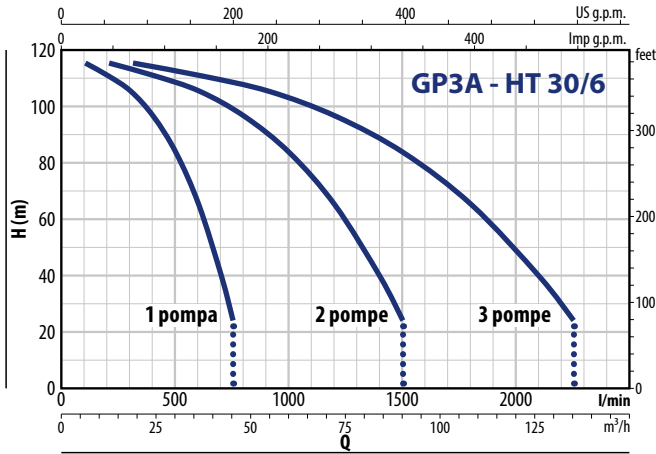
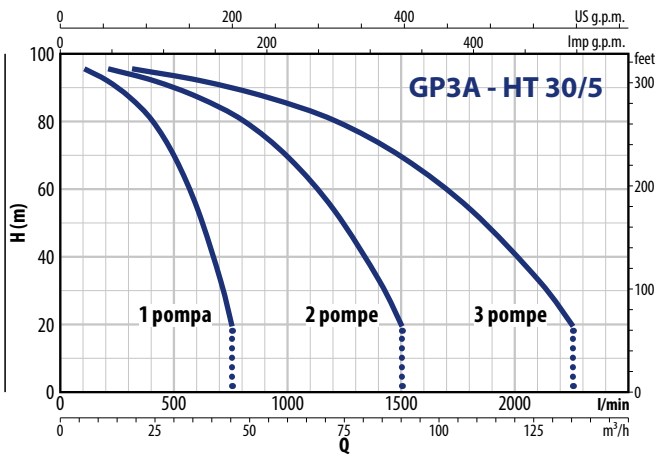
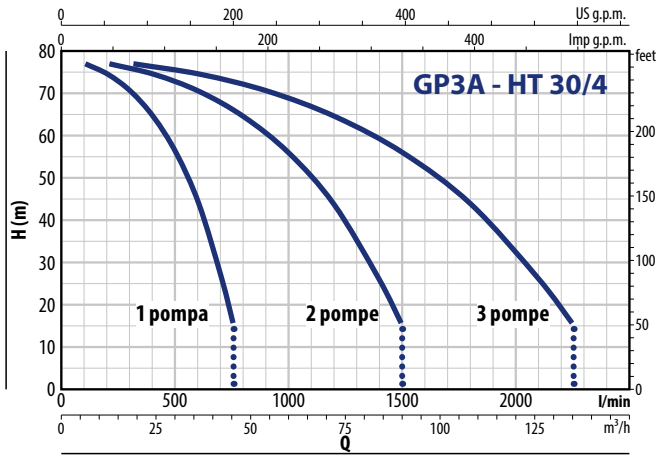
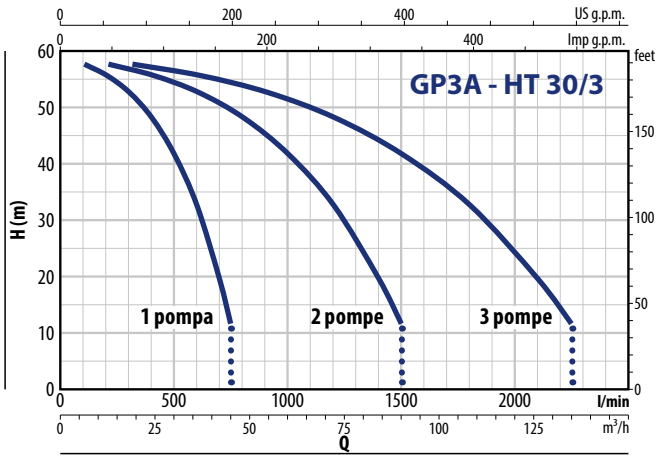
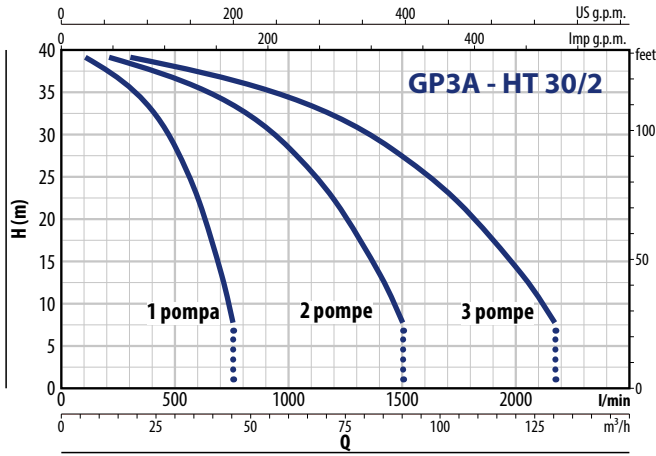
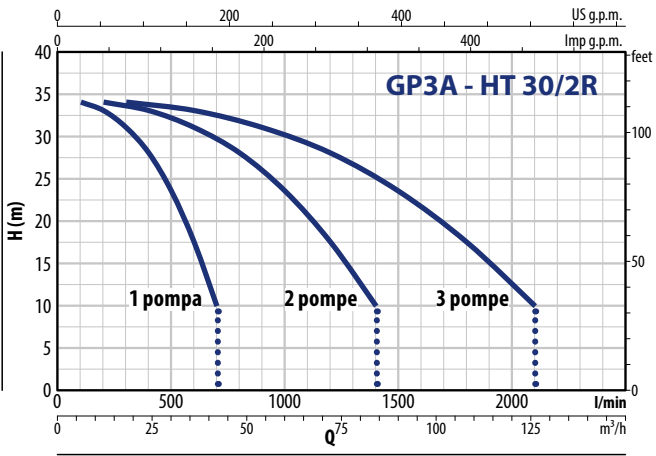
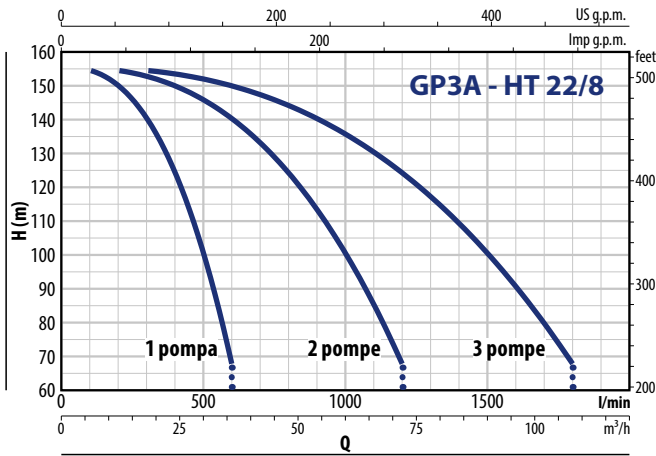
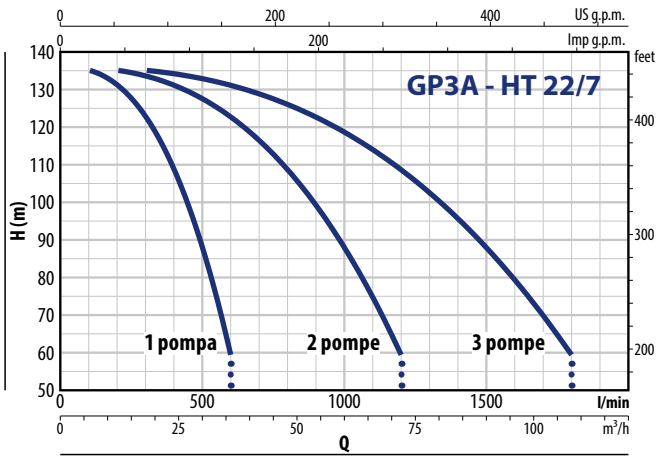


CURVE DI PRESTAZIONE



GP3A - HT

CURVE DI PRESTAZIONE



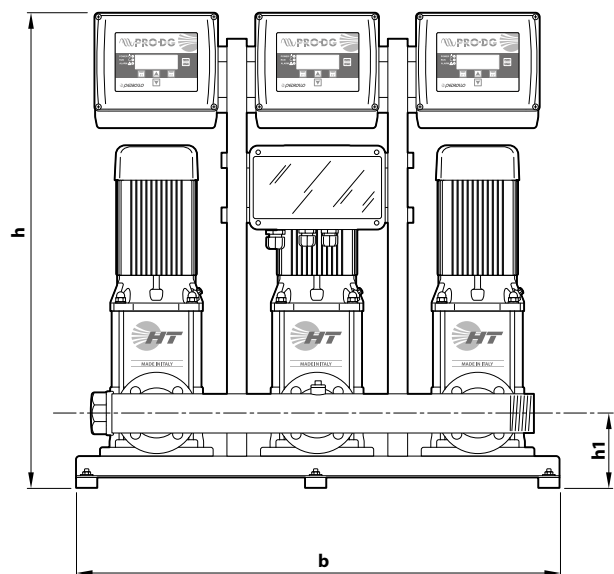
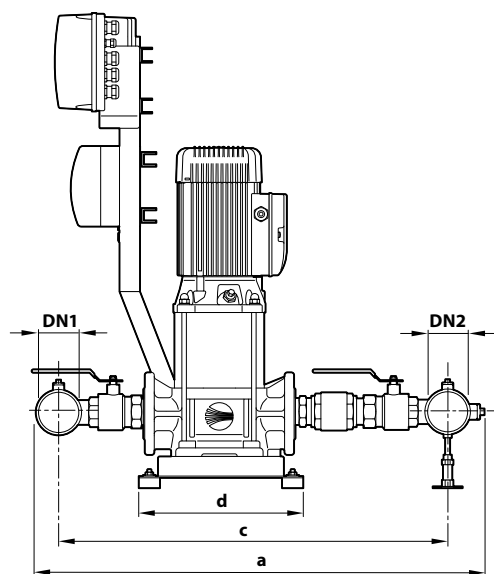
ASSORBIMENTI

TIPO Monofase	TENSIONE 230 V
GP3Am - HT 3/5	–
GP3Am - HT 3/6	–
GP3Am - HT 3/7	–
GP3Am - HT 5/3	–
GP3Am - HT 5/4	–
GP3Am - HT 5/5	–
GP3Am - HT 5/6	–
GP3Am - HT 8/3	–
GP3Am - HT 8/4	–
GP3Am - HT 8/5	–
GP3Am - HT 8/6	3×19.5 A
GP3Am - HT 10/3	3×12.2 A
GP3Am - HT 10/4	–
GP3Am - HT 10/5	3×18.0 A

TIPO Trifase	TENSIONE 400 V - 
GP3A - HT 3/5	–
GP3A - HT 3/6	–
GP3A - HT 3/7	–
GP3A - HT 3/8	–
GP3A - HT 3/9	–
GP3A - HT 3/10	–
GP3A - HT 5/3	–
GP3A - HT 5/4	–
GP3A - HT 5/5	–
GP3A - HT 5/6	–
GP3A - HT 5/7	–
GP3A - HT 5/8	–
GP3A - HT 5/9	–
GP3A - HT 8/3	–
GP3A - HT 8/4	–
GP3A - HT 8/5	3×6.8 A
GP3A - HT 8/6	–
GP3A - HT 8/7	–
GP3A - HT 8/8	3×10.5 A
GP3A - HT 8/9	–
GP3A - HT 8/10	–
GP3A - HT 10/3	3×4.5 A
GP3A - HT 10/4	–
GP3A - HT 10/5	3×6.5 A
GP3A - HT 10/6	–
GP3A - HT 10/7	3×9.5 A
GP3A - HT 10/8	–
GP3A - HT 10/9	3×10.5 A
GP3A - HT 15/2R	–
GP3A - HT 15/3R	3×8.8 A
GP3A - HT 15/3	3×10.0 A
GP3A - HT 15/4	3×12.3 A
GP3A - HT 15/5	–
GP3A - HT 15/6	–
GP3A - HT 15/7	–
GP3A - HT 22/2	–
GP3A - HT 22/3	–
GP3A - HT 22/4	–
GP3A - HT 22/5	–
GP3A - HT 22/6	–
GP3A - HT 22/7	3×26.0 A
GP3A - HT 22/8	–
GP3A - HT 30/2R	–
GP3A - HT 30/2	3×10.5 A
GP3A - HT 30/3	–
GP3A - HT 30/4	3×15.5 A
GP3A - HT 30/5	3×22.0 A
GP3A - HT 30/6	3×25.0 A

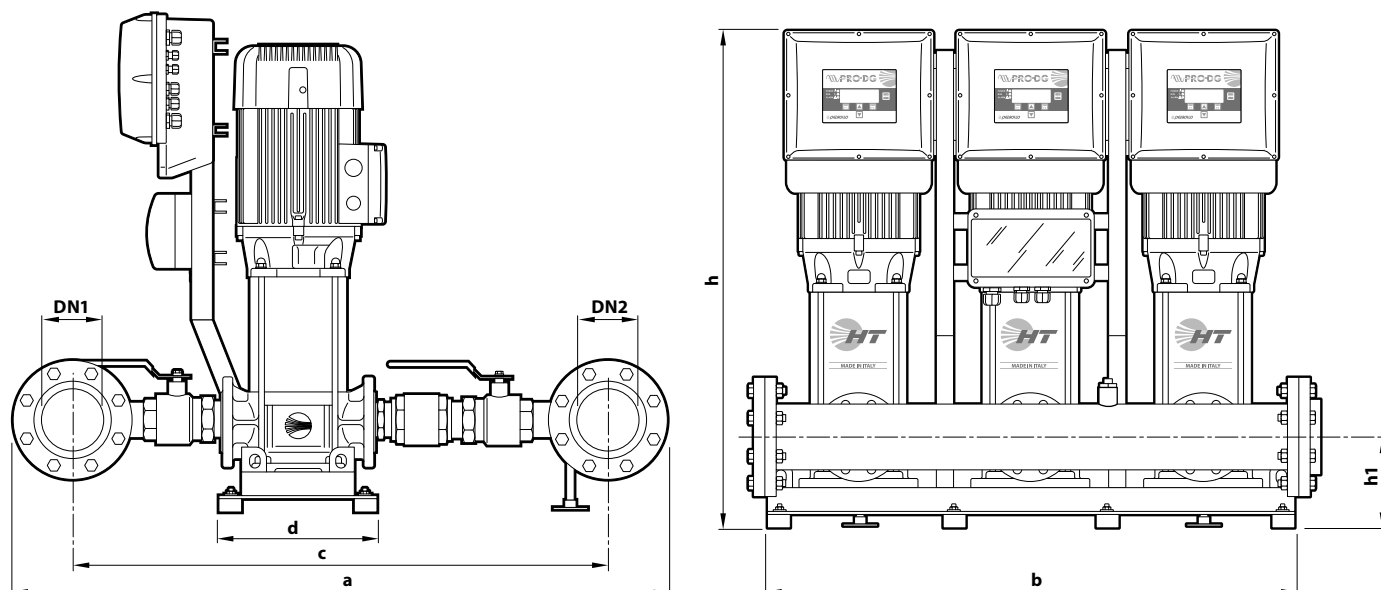
GP3A - HT

DIMENSIONI E PESI



TIPO		BOCCHIE		DIMENSIONI mm						kg	
Monofase	Trifase	DN1	DN2	a	b	c	d	h	h1	1~	3~
GP3Am - HT 3/5	GP3A - HT 3/5	2½"	2½"	850	870	715	318	892	148	165	165
GP3Am - HT 3/6	GP3A - HT 3/6									169	169
GP3Am - HT 3/7	GP3A - HT 3/7									184	184
-	GP3A - HT 3/8									-	206
-	GP3A - HT 3/9									-	209
-	GP3A - HT 3/10									-	211
GP3Am - HT 5/3	GP3A - HT 5/3	2½"	2½"	809	870	674	318	892	148	162	162
GP3Am - HT 5/4	GP3A - HT 5/4									168	168
GP3Am - HT 5/5	GP3A - HT 5/5									175	175
GP3Am - HT 5/6	GP3A - HT 5/6									178	178
-	GP3A - HT 5/7									-	204
-	GP3A - HT 5/8									-	207
-	GP3A - HT 5/9									-	220
GP3Am - HT 8/3	GP3A - HT 8/3	3"	3"	899	870	751	318	892	153	176	176
GP3Am - HT 8/4	GP3A - HT 8/4									182	182
GP3Am - HT 8/5	GP3A - HT 8/5									193	193
GP3Am - HT 8/6	GP3A - HT 8/6									195	195
-	GP3A - HT 8/7									-	218
-	GP3A - HT 8/8									-	230
-	GP3A - HT 8/9									-	233
-	GP3A - HT 8/10									-	248
GP3Am - HT 10/3	GP3A - HT 10/3	3"	3"	899	870	751	318	892	153	176	176
GP3Am - HT 10/4	GP3A - HT 10/4									182	182
GP3Am - HT 10/5	GP3A - HT 10/5									193	193
-	GP3A - HT 10/6									-	218
-	GP3A - HT 10/7									-	218
-	GP3A - HT 10/8									-	231
-	GP3A - HT 10/9									-	234

DIMENSIONI E PESI



TIPO		BOCCHIE		DIMENSIONI mm						kg		
Monofase	Trifase	DN1	DN2	a	b	c	d	h	h1	1~	3~	
-	GP3A - HT 15/2R	DN100	DN100	1123	1110	894	328	912	183	-	330	
-	GP3A - HT 15/3R									-	332	
-	GP3A - HT 15/3									-	345	
-	GP3A - HT 15/4							1044		-	374	
-	GP3A - HT 15/5									-	398	
-	GP3A - HT 15/6									-	532	
-	GP3A - HT 15/7									-	533	
-	GP3A - HT 22/2	DN125	DN125	1421	1110	1164	328	912	183	-	366	
-	GP3A - HT 22/3									1044	-	380
-	GP3A - HT 22/4										-	406
-	GP3A - HT 22/5							-			430	
-	GP3A - HT 22/6							-			564	
-	GP3A - HT 22/7							1083		-	589	
-	GP3A - HT 22/8									-	627	
-	GP3A - HT 30/2R	DN125	DN125	1377	1110	1120	328	1044	198	-	382	
-	GP3A - HT 30/2							912		-	391	
-	GP3A - HT 30/3									-	406	
-	GP3A - HT 30/4									-	432	
-	GP3A - HT 30/5							1044		-	592	
-	GP3A - HT 30/6									-	594	