FCP-180S~450S



Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica e condensatore permanentemente inserito.

Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: single-phase 230-50Hz with thermal protectio and capacitor permanently connected.

Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in piccole e medie piscine con prefiltro incorporato.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in small and medium-sized pools with integrated prefilter.

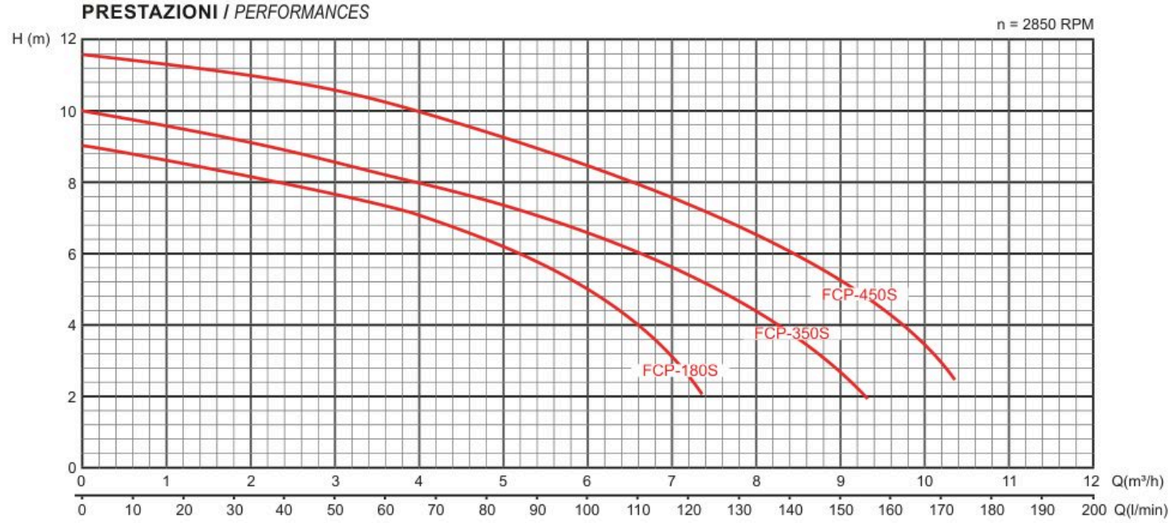
Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Ceramica & Grafite *Ceramic & Graphite*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

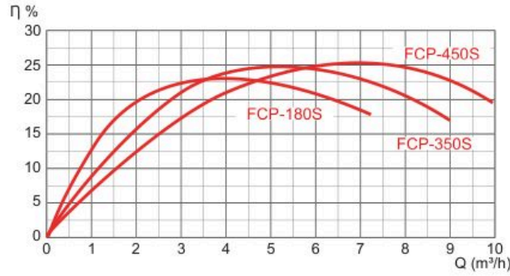
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 2 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

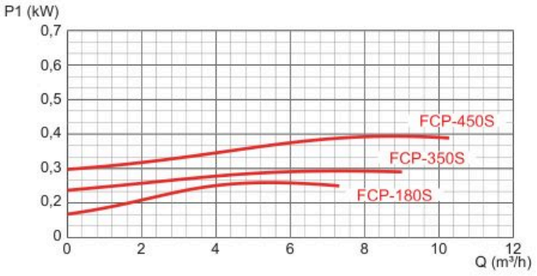
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 2 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 219
Expanded diagram pag. 219

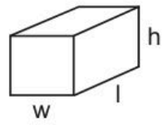
PRESTAZIONI / *PERFORMANCES*

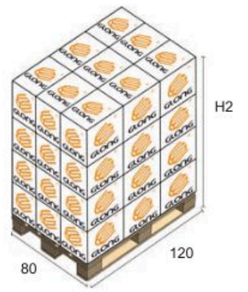


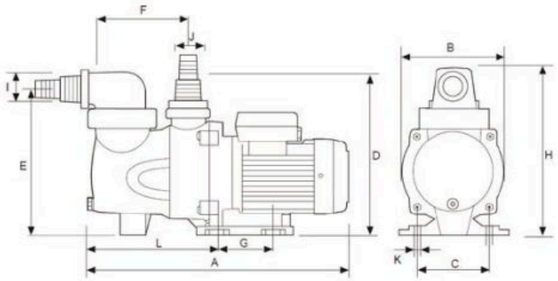




DIMENSIONI IMBALLO
PACKING DIMENSIONS







Modello *Model*	Codice *Code* Monofase *Single-phase* 230V		Potenza nominale *Rated power* Hp	kW *P2*	I Max. [A] Monofase *Single-phase* 230V	Trifase *Three-phase* 400V	Q = Portata - *Capacity*							
							l/min	0	25	50	75	100	125	150
							m³/h	0	1,5	3	4,5	6	7,5	9
							Prevalenza manometrica totale in m C.A. *Total head in meters w.c.*							
FCP-180S	P1A00180S		0,25	0,18	1,4	/	H (m)	9	8,5	7,9	6,9	5	1	
FCP-350S	P3A00350S		0,5	0,35	2,5	/		10	9,8	8,3	7,5	6,5	5,5	2,5
FCP-450S	P4A00450S		0,6	0,45	2,8	/		11,5	10,8	10,3	9,8	8,7	7,5	5,2

Per i valori della potenza assorbita P_1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	1~230V CONDENSATORE *CAPACITOR*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm]												DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm]			PESO *WEIGHT*	Quantità per pallet *Quantity per pallet*	
		A	B	C	D	E	F	G	H	L	I	J	K	w	l	h	kg	H2	n°
FCP-180S	8uF/450V	400	160	100	250	231	158	90	210	203	Ø32/40	Ø32/40	4-Ø9	210	455	250	6,3	117	28
FCP-350S	12uF/450V	400	160	100	250	231	158	90	210	203	Ø32/40	Ø32/40	4-Ø9	210	455	250	7,2	117	28
FCP-450S	14uF/450V	400	160	100	250	231	158	90	210	203	Ø32/40	Ø32/40	4-Ø9	210	455	250	7,6	117	28

FCP-370S~1100S2



Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in piccole, medie e grandi piscine con prefiltro incorporato.
Utilizzabile con acque fino concentrazione di sale 0,4% - 4 gr/l.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in small, medium and big-sized pools with integrated prefilter.
Available for water with salt concentration up to 0,4% - 4 gr./l.

Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Silicio & Grafite *Silicon & Graphite*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica e condensatore permanentemente inserito o trifase a 230/400V-50Hz

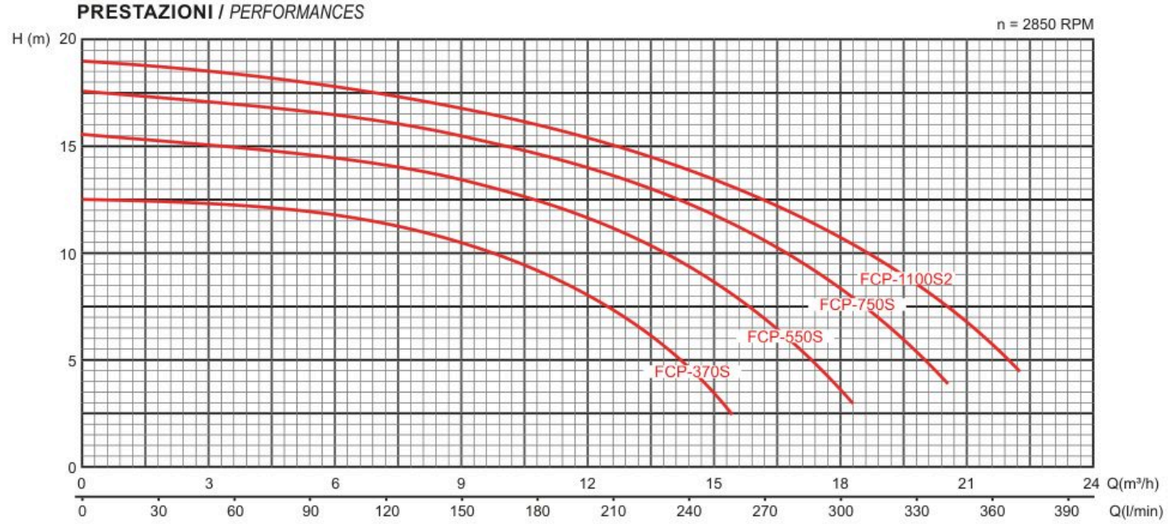
Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: single-phase 230V-50Hz with thermal protection and capacitor permanently connected or three-phase 230/400V-50Hz

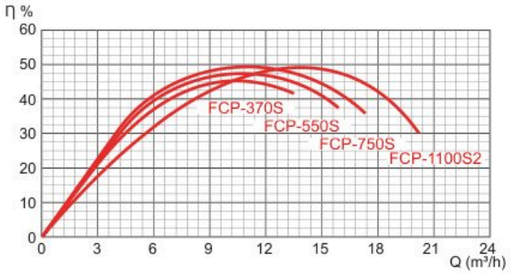
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 3 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro

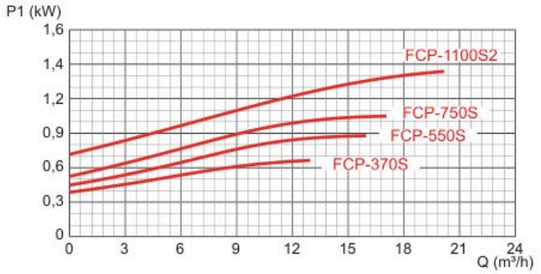
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 3 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 220
Expanded diagram pag. 220

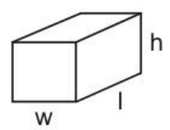
PRESTAZIONI / *PERFORMANCES*

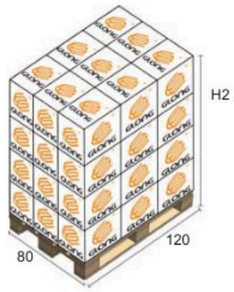


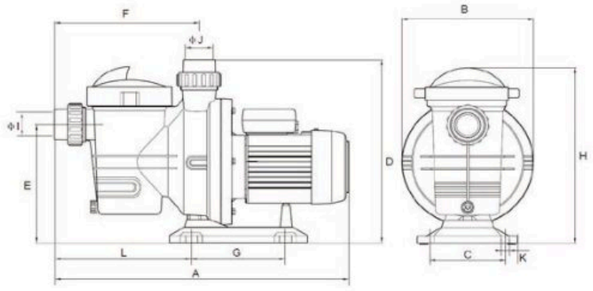




DIMENSIONI IMBALLO
PACKING DIMENSIONS







Modello *Model*	Codice *Code*			Potenza nominale *Rated power*		I Max. [A]			Q = Portata - *Capacity*								
									l/min	0	50	100	150	200	250	300	350
									m³/h	0	3	6	9	12	15	18	21
	Monofase *Single-phase* 230V	Trifase *Three-phase* 400V		Hp	kW *P2*	Monofase *Single-phase* 230V	Trifase *Three-phase* 400V	Trifase *Three-phase* 230V	Prevalenza manometrica totale in m C.A. *Total head in meters w.c.*								
FCP-370S	P5B00370S	/		0,5	0,37	3,1	/	/	H (m)	12,5	12,4	12	10	8			
FCP-550S	P6B00550S	P6BT550S		0,75	0,55	4,2	1,6	2,8		15,5	15	14,5	13,5	11,5	8,5		
FCP-750S	P7B00750S	P7BT750S		1	0,75	5,3	2,0	3,4		17,5	17	16,5	15,5	14	11,8	8,5	
FCP-1100S2	P8B1100S2	P8BT1100S2		1,5	1,1	7,4	3,0	5,2		19	18	17,5	16,5	15,5	13,5	10,8	7

Per i valori della potenza assorbita P1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	1~230V CONDENSATORE *CAPACITOR*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm]												DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm]			PESO *WEIGHT*	Quantità per pallet *Quantity per pallet*	
		A	B	C	D	E	F	G	H	L	I	J	K	w	l	h	kg	H2	n°
FCP-370S	12uF/450V	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4-Ø10	270	560	370	10,5	127,5	18
FCP-550S	16uF450V	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4-Ø10	270	560	370	11,5	127,5	18
FCP-750S	20uF/450V	550	238	160	345	225	262	170	330	245	Ø50	Ø50	4-Ø10	270	560	370	12,5	127,5	18
FCP-1100S2	25uF/450V	570	238	160	345	225	262	170	330	245	Ø50	Ø50	4-Ø10	270	590	370	14,5	127,5	18

FCP-1100S~2200S



Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in medie e grandi piscine con prefiltro incorporato.
Utilizzabile con acque fino concentrazione di sale 0,4% - 4 gr/l.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in medium and big-sized pools with integrated prefilter.
Available for water with salt concentration up to 0,4% - 4 gr./l.

Componente *Component*	**Materiale** *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Silicio & Grafite *Silicon & Graphite*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione monofase a 230V-50Hz con protezione termica o trifase a 230/400V-50Hz.

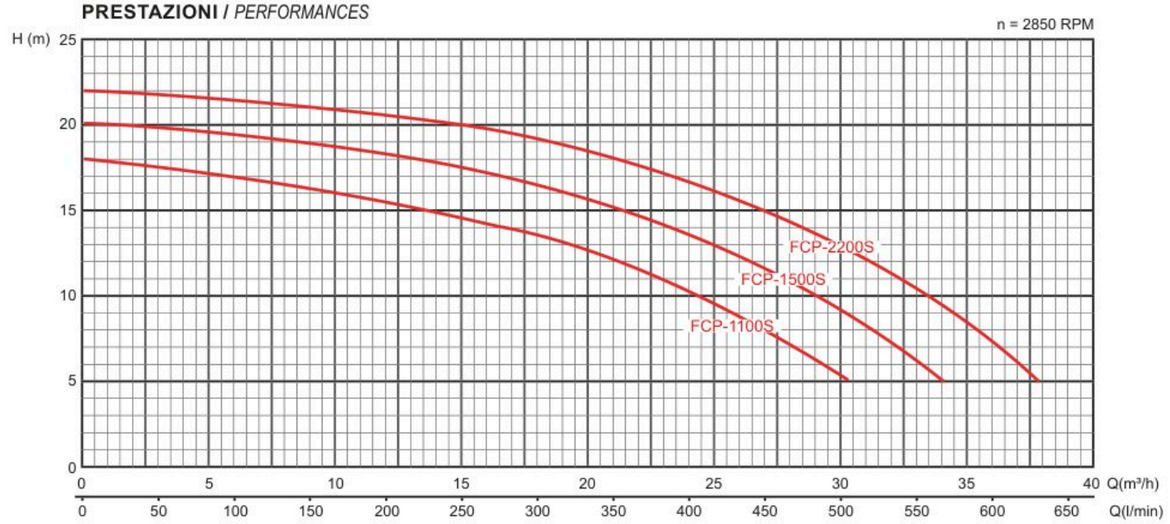
Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: single-phase 230V-50Hz with thermal protection or three-phase 230/400V-50Hz.

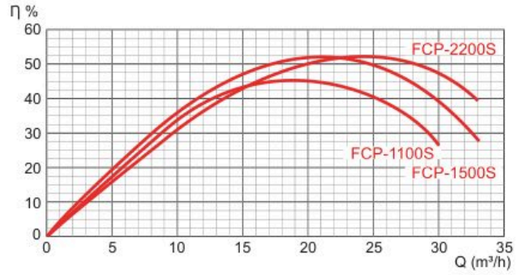
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 3 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

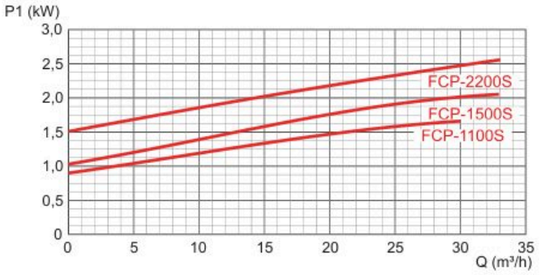
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 3 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 221
Expanded diagram pag. 221

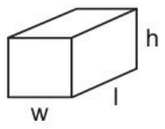
PRESTAZIONI / *PERFORMANCES*

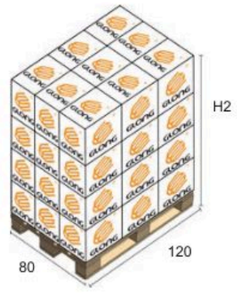


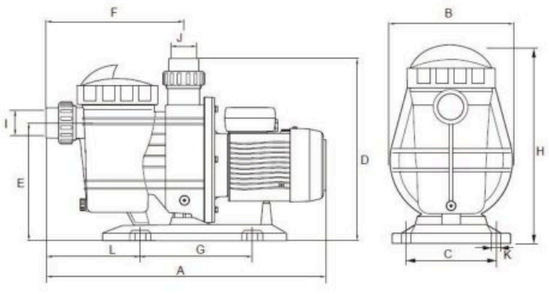




DIMENSIONI IMBALLO
PACKING DIMENSIONS







Modello *Model*	**Codice** *Code*			**Potenza nominale** *Rated power*		**I Max. [A]**			**Q = Portata -** *Capacity*									
									l/ min	0	100	150	250	350	450	500	550	600
									m³/h	0	6	9	15	21	27	30	33	36
	Monofase *Single-phase* **230V**	**Trifase** *Three-phase* **400V**		**Hp**	**kW** *P2*	**Monofase** *Single-phase* **230V**	**Trifase** *Three-phase* **400V**	**Trifase** *Three-phase* **230V**	**Prevalenza manometrica totale in m C.A.** *Total head in meters w.c.*									
FCP-1100S	P8C1100S	P8CT1100S		1,5	1,1	7,9	3,0	5,2	H (m)	18	17	16,5	14,5	12	8	5,5	2	
FCP-1500S	P9C01500S	P9CT01500S		2	1,5	10	3,9	6,7		20	19,5	19	17,5	15	11,5	9	6,5	2
FCP-2200S	P10C2200S	P11C2200T		3	2,2	13,1	4,9	8,4		22	21,5	21	20	18	15	13	10,5	7

Per i valori della potenza assorbita P₁ vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	**1~230V CONDEN-SATORE** *CAPACITOR*	**DIMENSIONI POMPA** *PUMPS'S DIMENSIONS* **[mm]**												**DIMENSIONI IMBALLO** *PACKING DIMENSIONS* **[mm]**			**PESO** *WEIGHT*	**Quantità per pallet** *Quantity per pallet*	
		A	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**L**	**I**	**J**	**K**	**w**	**l**	**h**	**kg**	**H2**	**n°**
FCP-1100S	40uF/450V	655	270	230	450	295	335	200	440	270	Ø63	Ø63	4-Ø10	305	660	440	22,5	145,5	12
FCP-1500S	40uF/450V	655	270	230	450	295	335	200	440	270	Ø63	Ø63	4-Ø10	305	660	440	23,5	145,5	12
FCP-2200S	60uF/450V	655	270	230	450	295	335	200	440	270	Ø63	Ø63	4-Ø10	305	680	440	25	145,5	12

FCP-2200A~4000A



Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in medie e grandi piscine con prefiltro incorporato.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in medium and big-sized pools with integrated prefilter.

Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Ceramica & Grafite BT-Burgmann AISI 316 *Ceramic & Graphite BT-Burgmann AISI 316*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione trifase a 230/400V-50Hz

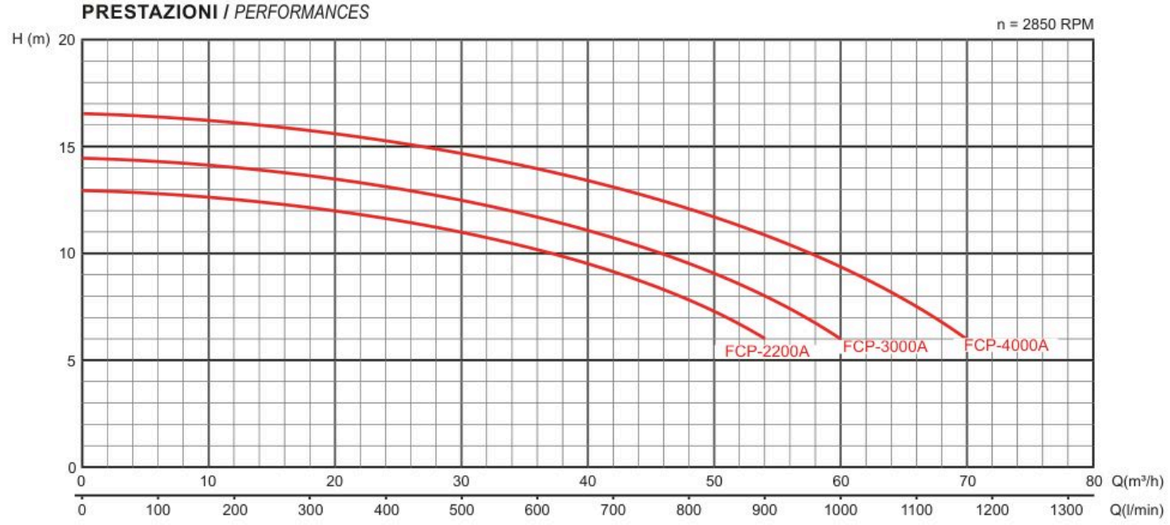
Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: three-phase 230/400V-50Hz

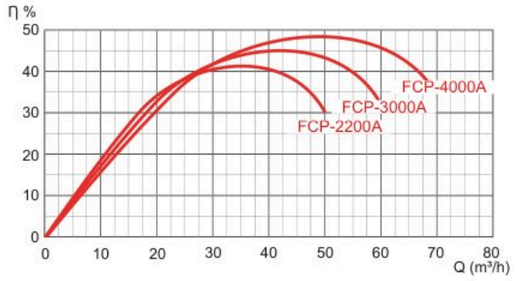
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 3 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

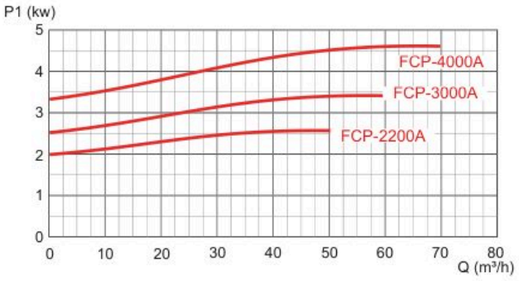
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 3 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 224
Expanded diagram pag. 224

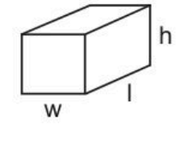
PRESTAZIONI / *PERFORMANCES*

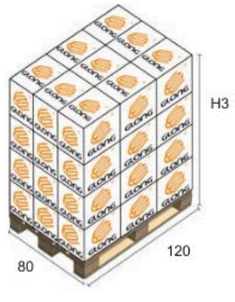


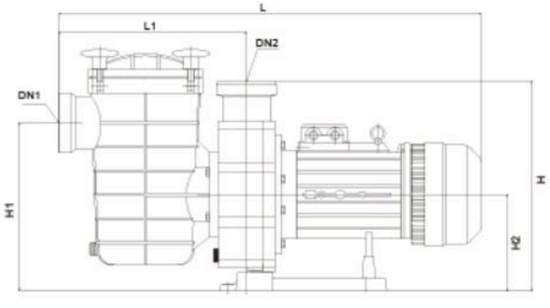




DIMENSIONI IMBALLO
PACKING DIMENSIONS







Modello *Model*	Codice *Code*		Potenza nominale *Rated power*		I Max. [A]			Q = Portata - *Capacity*								
	Trifase *Three-phase* 400V		Hp	kW *P2*	Mono-fase *Single-phase* 230V	Trifase *Three-phase* 400V	Trifase *Three-phase* 230V	l/min	0	250	333,3	500	666,6	833,3	1000	116,7
								m³/h	0	10	20	30	40	50	60	70
								Prevalenza manometrica totale in m C.A. *Total head in meters w.c.*								
FCP-2200A	FCP2200AT		3	2,2	13	4,9	8,4	H (m)	13	12,5	12	10,6	9,5	7		
FCP-3000A	FCP3000AT		4	3	/	6,4	11		14,5	14	13,5	12	10,8	9	6,5	
FCP-4000A	FCP4000AT		5,5	4	/	8,3	14,5		16,5	16,2	15,7	14	12,5	10,5	8,5	6,5

Per i valori della potenza assorbita P_1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm]							DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm]			PESO *WEIGHT*	Quantità per pallet *Quantity per pallet*	
	L	L1	H	H1	H2	DN1	DN2	w	l	h	kg	H3	n°
FCP-2200A	683	310	319	286	156	Ø75	Ø75	320	750	410	34,8	99	6
FCP-3000A	683	310	319	286	156	Ø75	Ø75	320	750	410	37	99	6
FCP-4000A	718	310	319	286	156	Ø75	Ø75	320	750	410	42	99	6

FCP-4000B~5500B



Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione trifase a 230/400V-50Hz

Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: three-phase 230/400V-50Hz

Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in medie e grandi piscine con prefiltro incorporato.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in medium and big-sized pools with integrated prefilter.

Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Silicio & Silicio *Silicon & Silicon*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

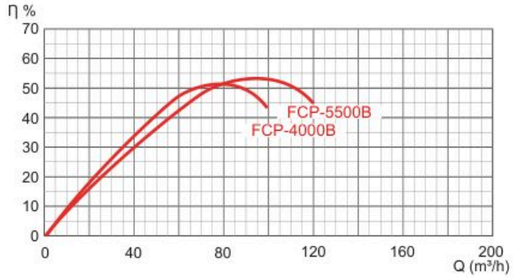
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 3 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

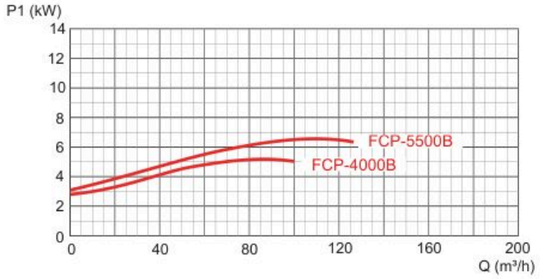
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 3 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 225
Expanded diagram pag. 225

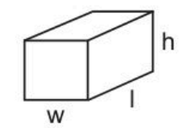
PRESTAZIONI / *PERFORMANCES*

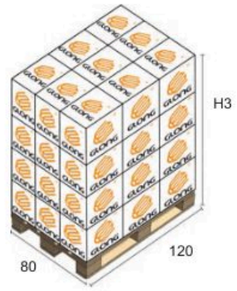


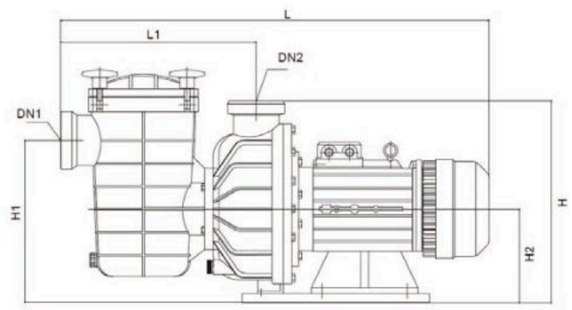




DIMENSIONI IMBALLO
PACKING DIMENSIONS







Modello *Model*	Codice *Code* Trifase *Three-phase* 400V		Potenza nominale *Rated power* Hp	kW *P2*	I Max. [A] Trifase *Three-phase* 400V	Trifase *Three-phase* 230V	Q = Portata - *Capacity* l/min	0	666	833	1000	1166	1500	1667	2000	2166
							m³/h	0	40	50	60	70	90	100	120	130
							Prevalenza manometrica totale in m C.A. *Total head in meters w.c.*									
FCP-4000B	FCP4000-B		5,5	4,0	8,3	14,5	H (m)	16	14,8	14	13,5	12	10	8		
FCP-5500B	FCP5500-B		7,5	5,5	11,1	19,1		19	18	17	16	15	13	12	9	5

Per i valori della potenza assorbita P_1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm] L	L1	H	H1	H2	DN1	DN2	DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm] w	l	h	PESO *WEIGHT* kg	Quantità per pallet *Quantity per pallet* H3	n°
FCP-4000B	841	420	418	266	166	Ø110	Ø110	380	930	470	45	115	4
FCP-5500B	841	420	418	266	166	Ø110	Ø110	380	930	470	50	115	4

FCP-AN



Motore e caratteristiche
Motore asincrono a due poli TEFC
Classe isolamento F
Grado di protezione IP55
Funzionamento continuo S1
Alimentazione trifase a 230/400V-50Hz

Motor and features
Closed asynchronous two poles motor TEFC
Insulation class F
Protection degree IP55
Continuous operation S1
Power supply: three-phase 230/400V-50Hz

Applicazioni
Elettropompe centrifughe autoadescanti per ricircolo e filtraggio di acqua in medie e grandi piscine con prefiltro incorporato.

Applications
Self-priming centrifugal electric pumps for recirculation and filtration of water in medium and big-sized pools with integrated prefilter.

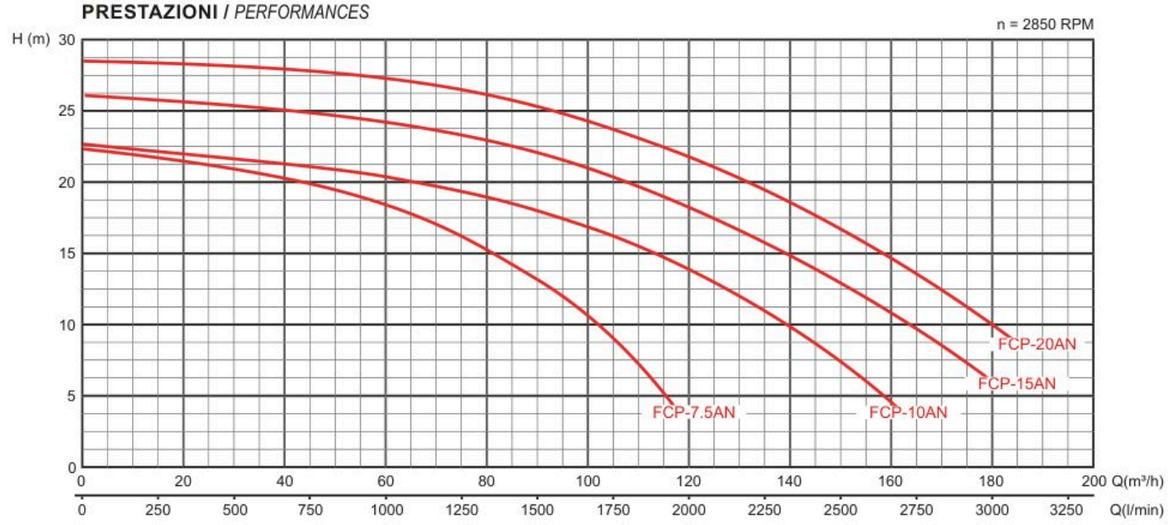
Componente *Component*	Materiale *Material*
Corpo pompa *Pump's body*	PPGF30
Coperchio pompa *Strainer cover*	PPOGF30
Girante *Impeller*	PPOGF20
Albero motore *Motor shaft*	AISI 316
Tenuta meccanica *Mechanical seal*	Silicio & Grafite *Silicon & Graphite*
Carcassa motore *Motor housing*	Alluminio L-2521 *Alluminum L-2521*

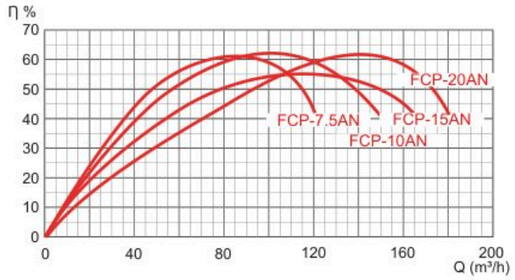
Limiti di utilizzo
Temperatura massima di esercizio 40°C
Temperatura massima liquido 40°C
Aspirazione massima 3 m
Massima pressione di esercizio 3 bar
Liquido pompato: pulito, libero da corpi solidi o sostanze abrasive, non aggressivo, non viscoso e chimicamente neutro.

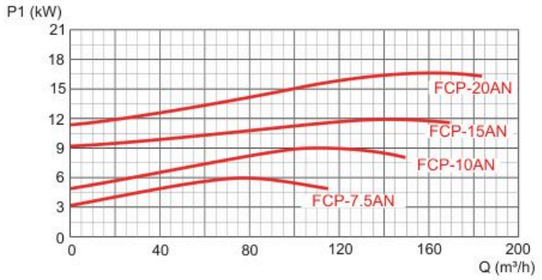
Operating conditions
Max. ambient temperature 40°C
Max. water temperature 40°C
Max. suction head up to 3 m
Max. Working pressure 3 bar
Liquid condition: clean liquids, without solids or abrasive substances, non-aggressive, non-viscous, chemically neutral.

Esploso a pag. 226
Expanded diagram pag. 226

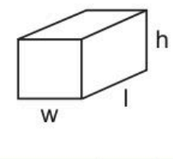
PRESTAZIONI / *PERFORMANCES*

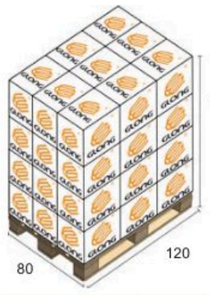


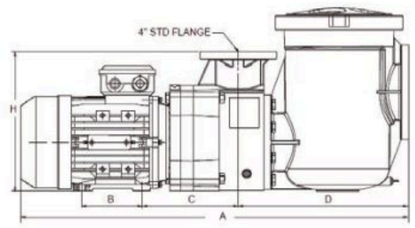


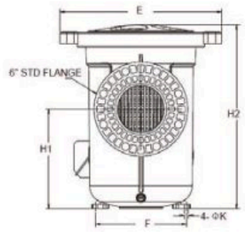


DIMENSIONI IMBALLO
PACKING DIMENSIONS









Modello *Model*	Codice *Code*		Potenza nominale *Rated power*		I Max. [A]			Q = Portata - *Capacity*											
								l/min	0	666	833	1000	1166	1500	1667	1917	2250	2500	2750	3166
	Trifase *Three-phase* 400V		Hp	kW *P2*	Mono-fase *Single-phase* 230V	Trifase *Three-phase* 400V	Trifase *Three-phase* 230V	m³/h	0	40	50	60	70	90	100	115	135	150	165	190
								Prevalenza manometrica totale in m C.A. *Total head in meters w.c.*											
FCP-7.5AN	P3G007.5A		7,5	5,5	/	11,1	19,1	H (m)	22	20,5	19,5	18,5	17	13	11,3	5				
FCP-10AN	P4G010AT		10	7,5	/	14,9	25,7		22,5	21,5	21	20,3	19,5	18	17	14,5	10,5	7		
FCP-15AN	P5G015AT		15	11	/	21	36,2		26	25,2	24,5	24	23,5	22,5	21	19	16	13	9	
FCP-20AN	FCP20AN		20	15	/	28	48,2		28,5	27,8	27,5	27,2	26,8	26	24,8	24,5	19,5	16,5	12,5	10

Per i valori della potenza assorbita P_1 vedi grafico nella pagina a destra / *For input power P1 please check the curve on the next page*

MODELLO POMPA *PUMPS'S MODEL*	DIMENSIONI POMPA *PUMPS'S DIMENSIONS* [mm]										DIMENSIONI IMBALLO *PACKING DIMENSIONS* [mm]			PESO *WEIGHT*	Quantità per pallet *Quantity per pallet*	
	A	B	C	D	E	F	H	H1	H2	K	w	l	h	kg	H3	n°
FCP-7.5AN	1145	140	279	508	483	190	415	295	546	12	350	1300	500	55,1	120	4
FCP-10AN	1145	140	279	508	483	290	415	295	546	12	350	1300	500	63,1	120	4
FCP-15AN	1330	210	305	508	483	216	415	295	546	12	350	1400	500	75,1	120	4
FCP-20AN	1330	210	305	508	483	216	415	295	546	12	350	1400	500	85	120	4