FAGGIOLATI PUMPS® S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7D	**G413R2C1-P80AA6**

Cod. *Code*	Peso totale *Total weight*	Materiale *Construction*	Girante *Impeller*
7007491	**215** Kg	**GHISA EN-GJL-250** ***CAST IRON EN-GJL-250***	**A CANALI** ***WITH CHANNELS***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**DN 100**	mm
ASPIRAZIONE *SUCTION*	**DN 125**	mm
PASSAGGIO LIBERO *FREE PASSAGE*	**80**	mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**240**	mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**64,3**	%
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**69,8**	%
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**9,1**	kW
PREVALENZA *HEAD*	**14,4**	m
PORTATA *CAPACITY*	**145,0**	m³/h

Motore- *Motor* M413T-11,6-400/50YY-IE3EX

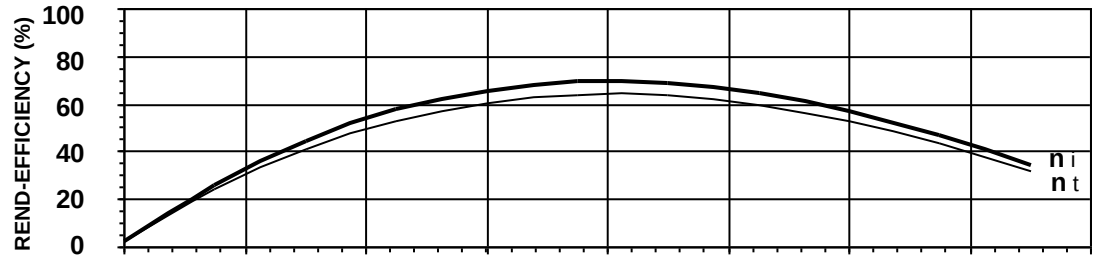
ALIMENTAZIONE *POWER SUPPLY*	**3ph 400/690V-50Hz**		
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H**		
VELOCITÀ NOMINALE *NOMINAL SPEED*	**1436** rpm		
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**11,6** kW		
CORRENTE DI SPUNTO *STARTING CURRENT*	**127,4** A		
CORRENTE NOMINALE *RATED CURRENT*	**21,6** A		
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,1578** kgm2		
	CARICO-LOADING 4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,84**	**0,77**	**0,66**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**92** %	**91** %	**90** %

Impiego - *Application*

TEMP. MAX DEL LIQUID *PUMPED LIQUID MAX TEMP.*	**< 45** °C
PROTEZIONE MECCANICA *MECHANICAL PROT. DEGREE*	**IP 68**
CAVO *CABLE*	**12G2,5 PVC+ H07RNF**
CODICE DISEGNO *DRAWING CODE*	**713_100_13_1**
CURVA *CURVE*	**C713-405**

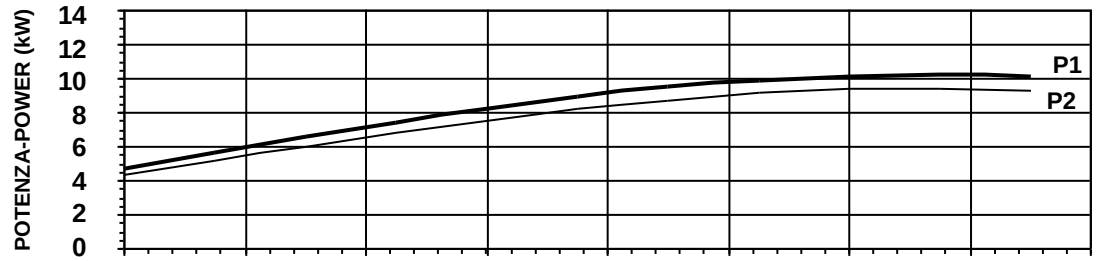
Protezioni - *Protections*

PROTEZIONE TERMICA *THERMAL PROTECTION*	YES
CONTROLLO INFILTRAZIONE *HUMIDITY PROBE*	YES
II 2G Ex c k db IIB T4 Gb	YES
MANTELLO DI RAFFREDDAMENTO *COOLING JACKET*	NO



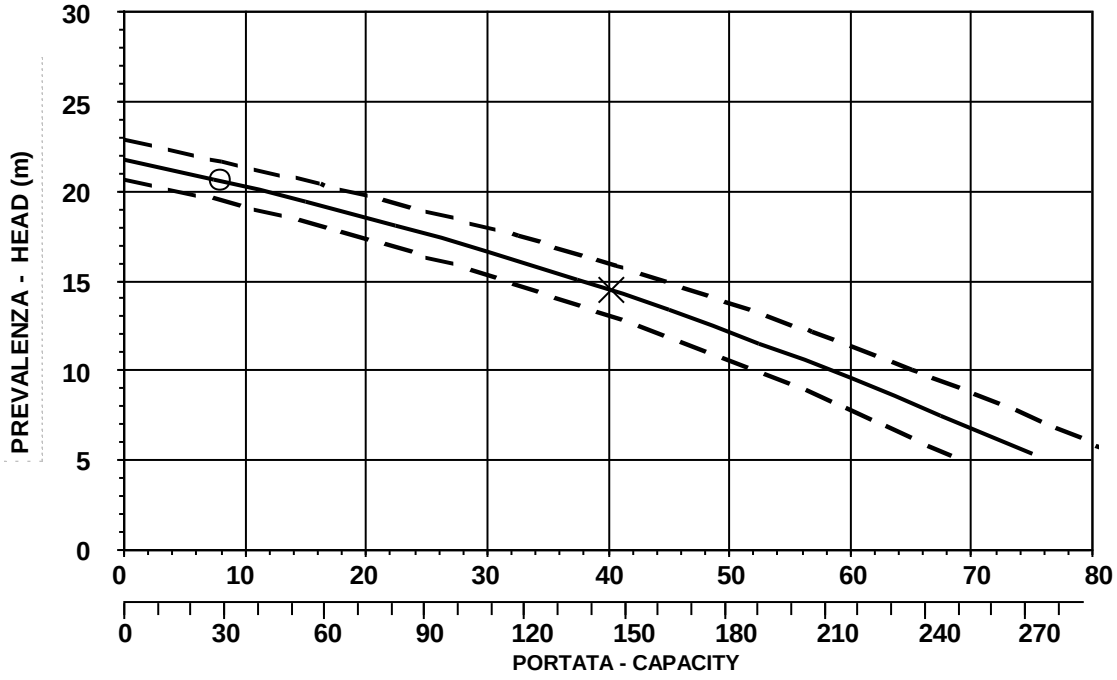
η_i = Rendimento idraulico *Hydraulic efficiency*

η_t = Rendimento totale *Total efficiency*



P1 = Potenza ass. dalla rete *Abs. power from mains*

P2 = Potenza idraulica *Hydraulic power*



O = Portata minima *Minimum capacity*

X = Punto max rendimento *Best efficiency point*

PREMIUM EFFICIENCY IE3 MOTOR

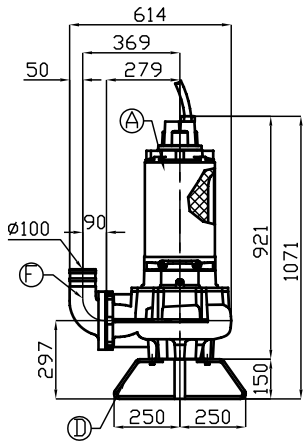
CURVA CARATTERISTICA SECONDO NORMA *PERFORMANCE CURVES IN ACCORDANCE TO* **UNI EN ISO 9906**

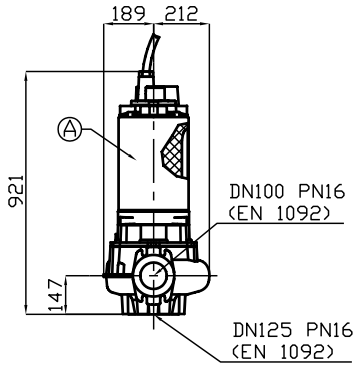
PRESTAZIONI IN ACQUA PULITA RIFERITE ALLA TEMP. DI 40°C *PERFORMANCE WITH CLEAR WATER AND RATING DATA AT 40°C*

FAGGIOLATI PUMPS® S.p.A.

INGOMBRI
DIMENSIONS

Codice disegno - Drawing code
713_100_13_1





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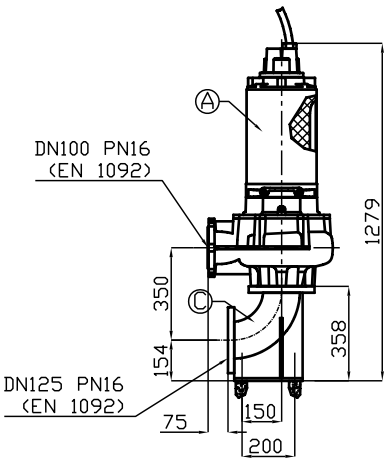
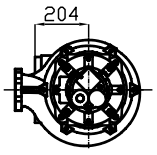
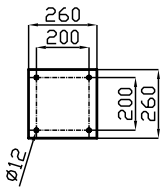


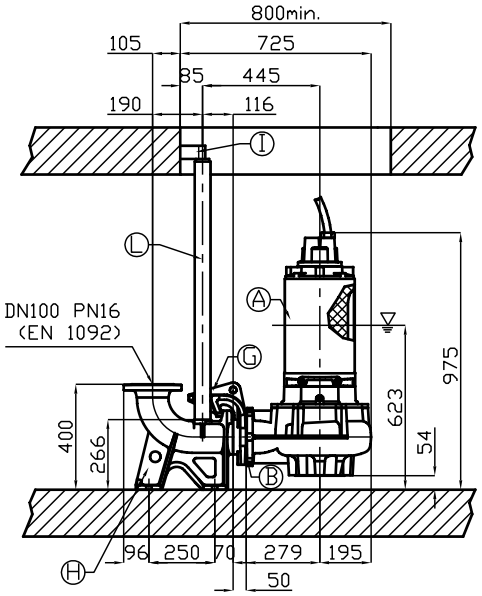


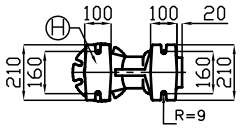


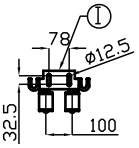
▽ LIVELLO MINIMO DI SOMMERGIBILITÁ STANDARD.
PER VERSIONE ATEX, COMPLETAMENTE SOMMERSA.

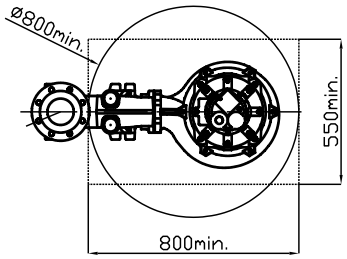
▽ MINIMUM SUBMERSIBLE LEVEL STANDARD.
FOR ATEX TYPE, COMPLETELY SUBMERGED.

E









R

Pos. *Pos.*	*Codice* *Code*	*Descrizione* *Description*	*Materiale* *Material*	*Peso Kg* *Weight Kg*
A	-	Elettropompa Sommergibile Submersible Pump		-
B	54.11015	Guarnizione DN100 Rubber joint DN100	Neoprene Neoprene	0,06
Type: **E**				
C	ECDN125	Curva aspirazione 90° Suction elbow 90°	Acciaio zincato Galvanized Steel	27
Type: **P**				
D	PAPDN125NP07	Tripiede appoggio X foot rest	Acciaio zincato Galvanized Steel	5
F	GCDN100/L	Curva di mandata 90° DN100 Delivery elbow 90° DN100	G250 Ghisa G250 Cast-Iron	10
Type: **R**		**GPADN100/L**		
G	GADT100-150	Controflangia accoppiamento 2 guide DN100 Double guide rail coupling flange DN100	G250 Ghisa G250 Cast-Iron	12
H	GBPACDN100	Piede d'accoppiamento 2 guide DN100 Double guide coupling feet DN100	G250 Ghisa G250 Cast-Iron	35
I	SOP2T	Sopporto tubi superiore 2 guide 2'' Double guide rail upper support 2''	Acciaio zincato Galvanized Steel	1,9
L	TG2Z	Tubo guida 2'' Guide rail 2''	Acciaio zincato Galvanized Steel	4,5