FAGGIOLATI PUMPS S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7C	**G410R1M1-P78AA2**

Cod. *Code* **7000112**	Peso totale *Total weight* **117** Kg	Materiale *Construction* **GHISA EN-GJL-250** / ***CAST IRON EN-GJL-250***	Girante *Impeller* **MONOCANALE** / ***SINGLE CHANNEL***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**DN 100** mm
ASPIRAZIONE *SUCTION*	**DN 125** mm
PASSAGGIO LIBERO *FREE PASSAGE*	**78** mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**215** mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**55,6** %
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**62,1** %
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**3,5** kW
PREVALENZA *HEAD*	**8,0** m
PORTATA *CAPACITY*	**86,9** m^3/h

Motore- *Motor* M410T-3,9-400/50YY-IE3

ALIMENTAZIONE *POWER SUPPLY*	**3ph 400/690V-50Hz**
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H**
VELOCITÀ NOMINALE *NOMINAL SPEED*	**1401** rpm
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**3,9** kW
CORRENTE DI SPUNTO *STARTING CURRENT*	**39,5** A
CORRENTE NOMINALE *RATED CURRENT*	**7,9** A
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,0210** kgm2

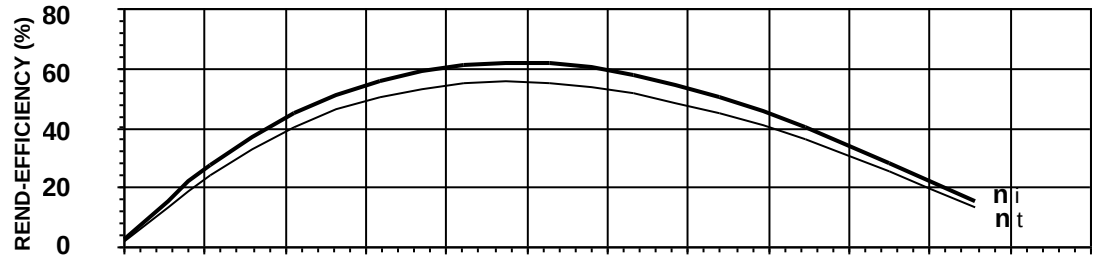
CARICO-LOADING	4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,80**	**0,74**	**0,65**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**90** %	**89** %	**87** %

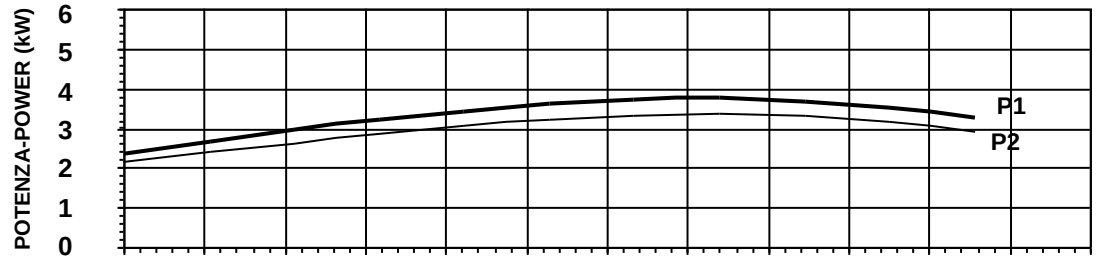
Impiego - *Application*

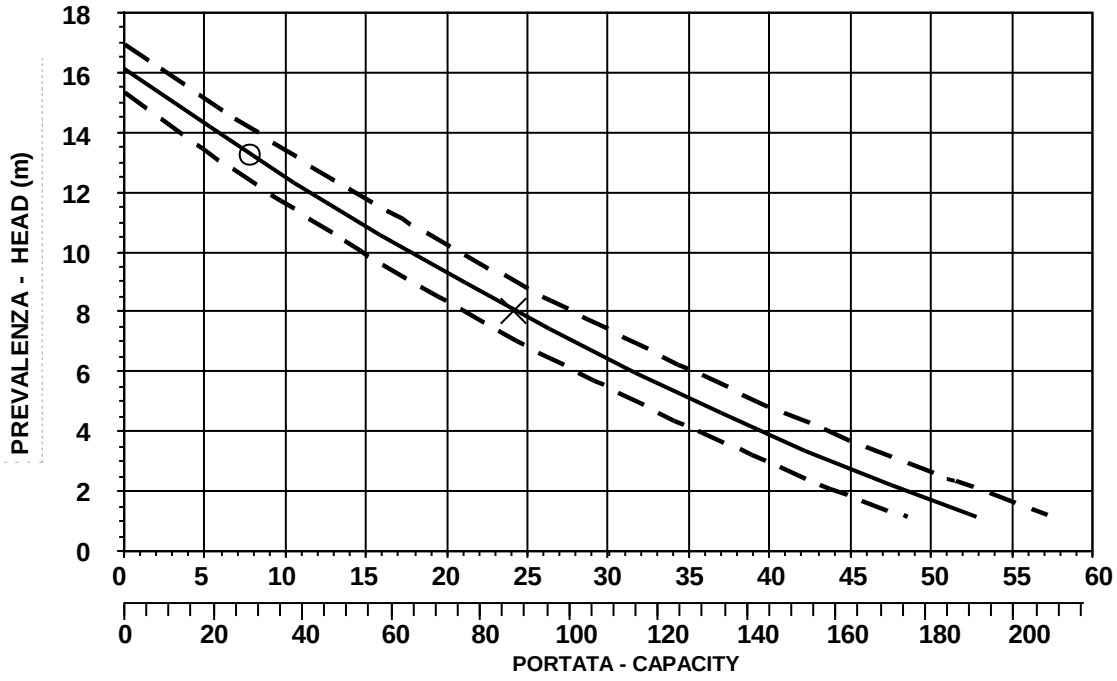
TEMP. MAX DEL LIQUID *PUMPED LIQUID MAX TEMP.*	**< 40** °C
PROTEZIONE MECCANICA *MECHANICAL PROT. DEGREE*	**IP 68**
CAVO *CABLE*	**12G1,5 H07RNF**
CODICE DISEGNO *DRAWING CODE*	**710_100_10_4**
CURVA *CURVE*	**M710-410**

Protezioni - *Protections*

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

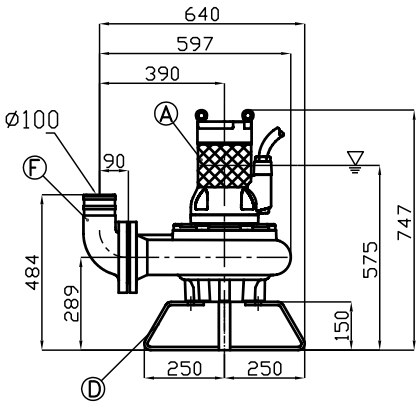
CURVA CARATTERISTICA SECONDO NORMA *PERFORMANCE CURVES IN ACCORDANCE TO* **UNI EN ISO 9906**

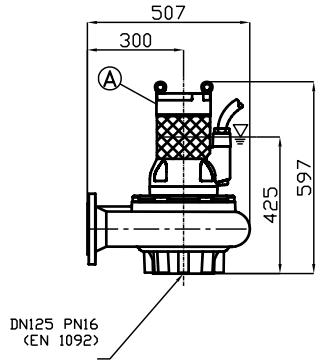
PRESTAZIONI IN ACQUA PULITA RIFERITE ALLA TEMP. DI 40°C *PERFORMANCE WITH CLEAR WATER AND RATING DATA AT 40°C*

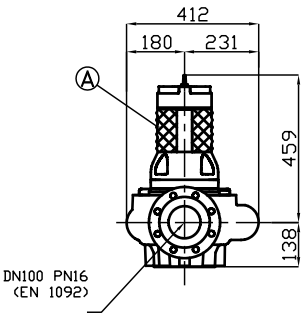
FAGGIOLATI PUMPS® S.p.A.

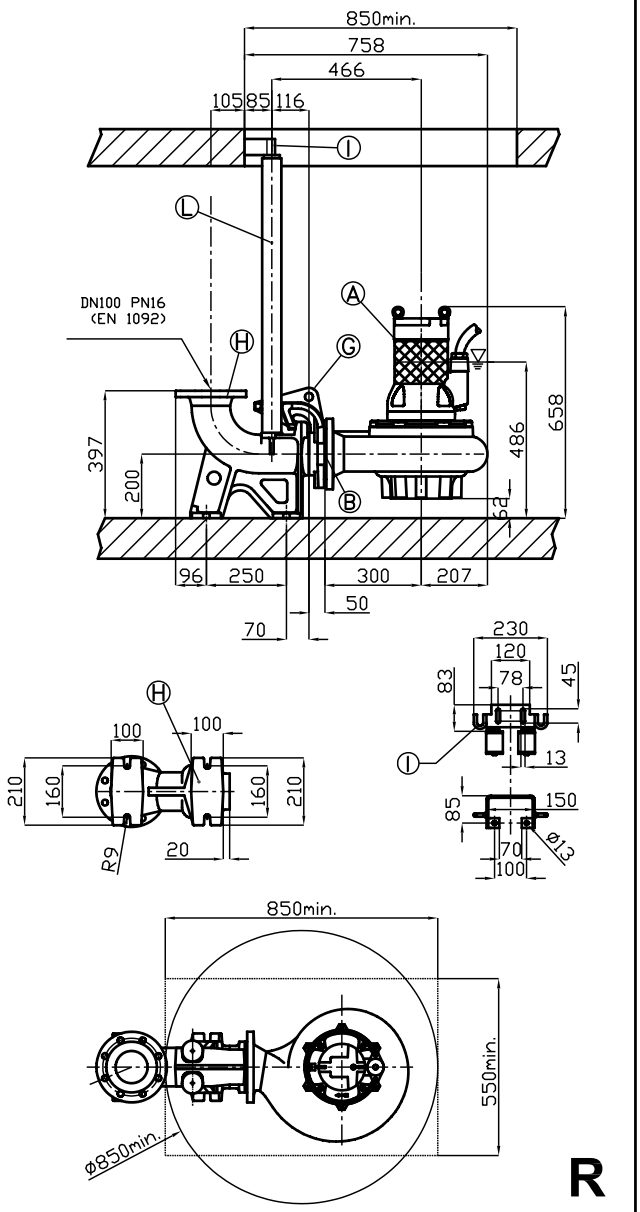
INGOMBRI
DIMENSIONS

Codice disegno - Drawing code
710_100_10_4









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: **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

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

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

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