FAGGIOLATI PUMPS® S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7D	**G213R1M5-M40AA6**

Cod. *Code*	**7007468**	Peso totale *Total weight*	**195** Kg	Materiale *Construction*	**GHISA EN-GJL-250** ***CAST IRON EN-GJL-250***	Girante *Impeller*	**MONOCANALE** ***SINGLE CHANNEL***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**DN 80**	mm
ASPIRAZIONE *SUCTION*	**DN 80**	mm
PASSAGGIO LIBERO *FREE PASSAGE*	**40**	mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**205**	mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**47,1**	%
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**50,9**	%
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**16,6**	kW
PREVALENZA *HEAD*	**38,4**	m
PORTATA *CAPACITY*	**75,0**	m^3/h

Motore- *Motor* M213T-16,6-400/50YY-IE3EX

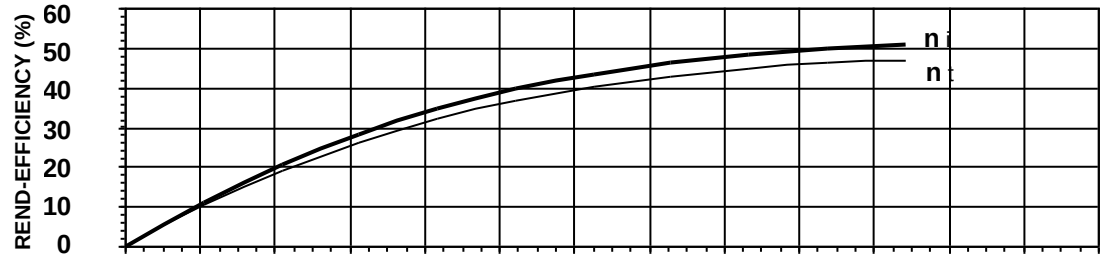
ALIMENTAZIONE *POWER SUPPLY*	**3ph 400/690V-50Hz**		
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H**		
VELOCITÀ NOMINALE *NOMINAL SPEED*	**2881** rpm		
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**16,6** kW		
CORRENTE DI SPUNTO *STARTING CURRENT*	**175,8** A		
CORRENTE NOMINALE *RATED CURRENT*	**29,8** A		
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,0430** kgm2		
	CARICO-LOADING		
	4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,87**	**0,82**	**0,72**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**92** %	**92** %	**91** %

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_80_13_2**
CURVA *CURVE*	**M713-207**

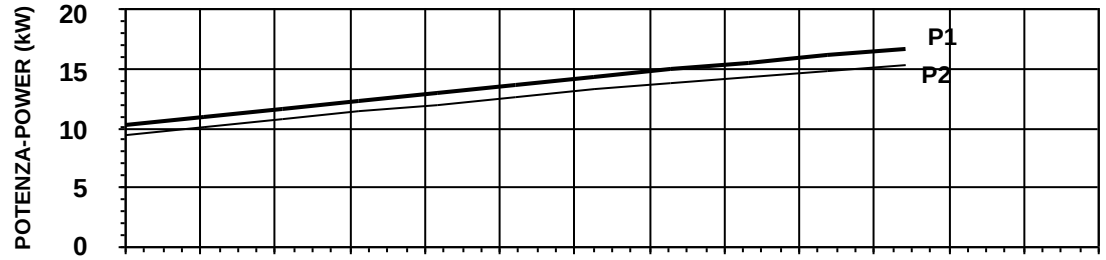
Protezioni - *Protections*

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



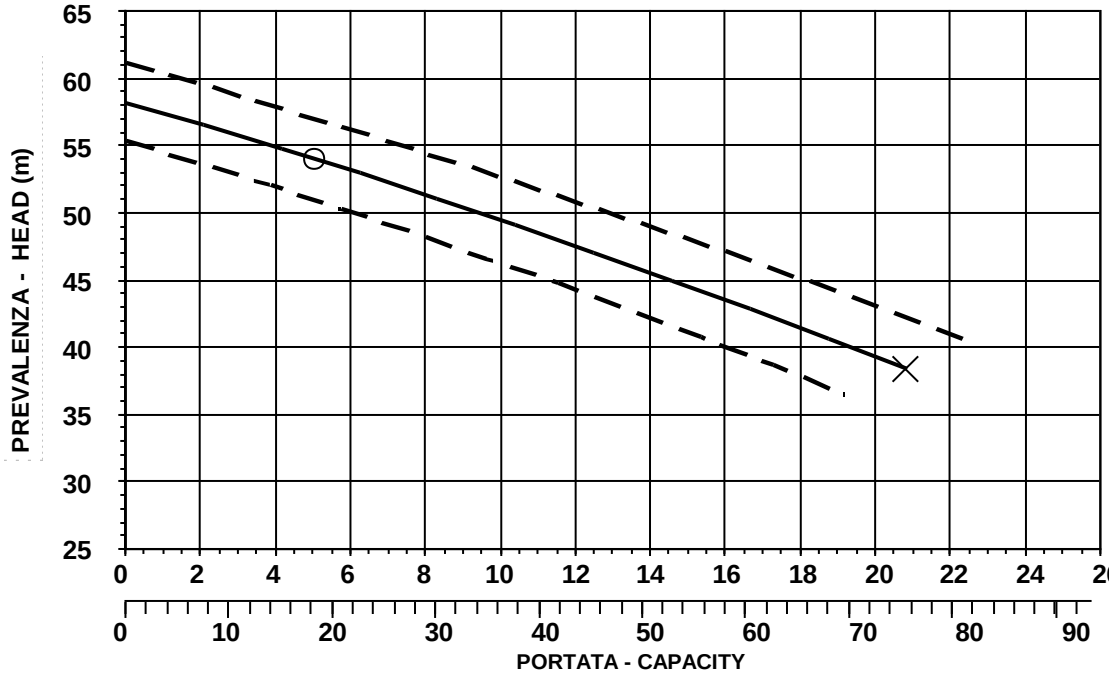
η_i = Rendimento idraulico *Hydraulic efficiency*

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*

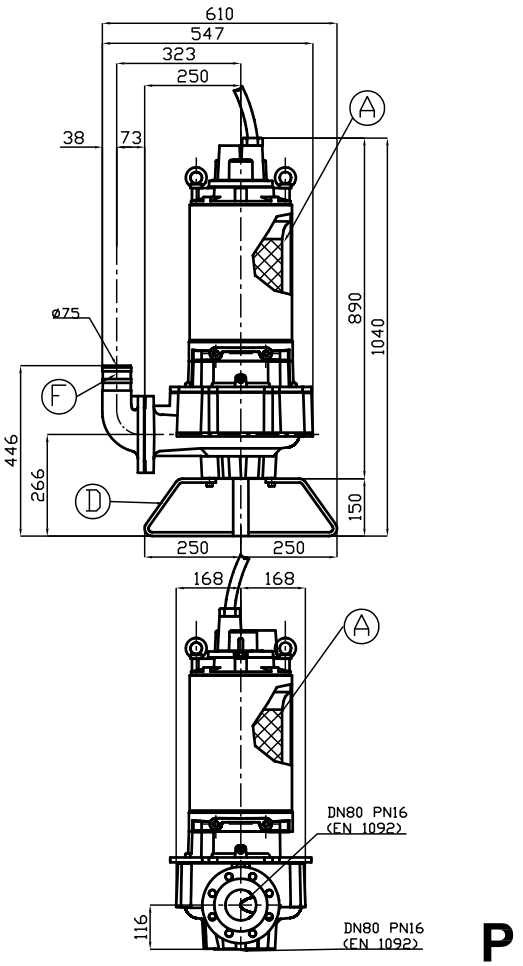
PREMIUM EFFICIENCY IE3 MOTOR

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*

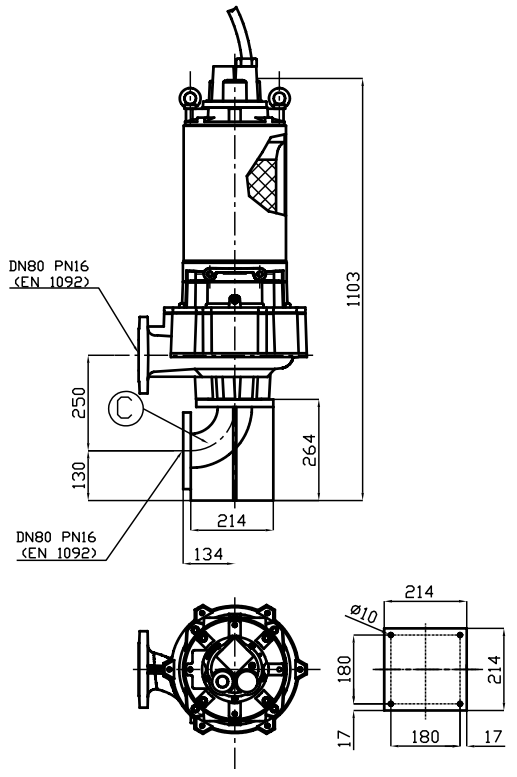
FAGGIOLATI PUMPS® S.p.A.

INGOMBRI
DIMENSIONS

Codice disegno - Drawing code
713_80_13_2



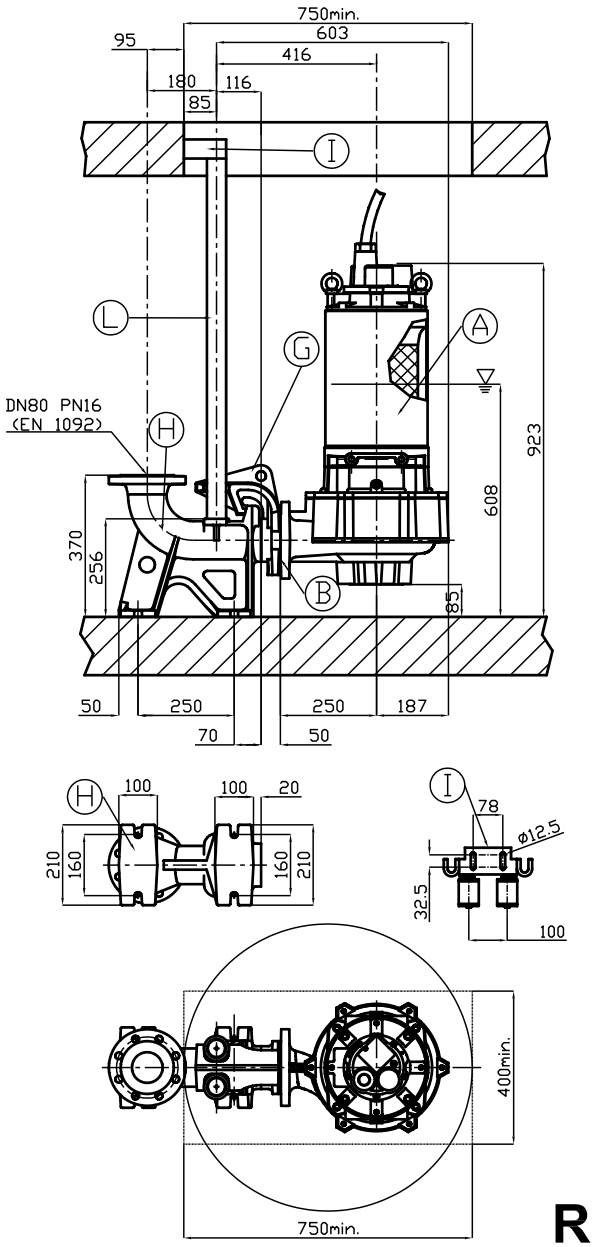
P



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

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

E



R

Pos. *Code* *Description*			*Materiale* *Material*	*Peso Kg* *Weight Kg*
A	-	Elettropompa Sommergibile Submersible Pump		-
B	54.08112	Guarnizione DN80 Rubber joint DN80	Neoprene Neoprene	0,05
Type: **E**				
C	ECDN80	Curva aspirazione 90° Suction elbow 90°	Acciaio zincato Galvanized Steel	16
Type: **P**				
D	PAPDN80/L	Tripiede appoggio X foot rest	Acciaio zincato Galvanized Steel	3
F	GCDN80/L	Curva di mandata 90° DN80 Delivery elbow 90° DN80	G250 Ghisa G250 Cast-Iron	6
Type: **R**		**GPADN80/L**		
G	GADT80-100	Controflangia accoppiamento 2 guide DN80 Double guide rail coupling flange DN80	G250 Ghisa G250 Cast-Iron	10
H	GBPACDN80	Piede d'accoppiamento 2 guide DN80 Double guide coupling feet DN80	G250 Ghisa G250 Cast-Iron	33
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