FAGGIOLATI PUMPS® S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7D	**X211R6D2-L8LA5**

Cod. *Code*	Peso totale *Total weight*	Materiale *Construction*	Girante *Impeller*
7002839	**185** Kg	**ACCIAIO INOX AISI 316** ***STAINLESS STEEL AISI 316***	**DRENAGGIO** ***DRAINAGE***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**DN 65**	mm
ASPIRAZIONE *SUCTION*		mm
PASSAGGIO LIBERO *FREE PASSAGE*	**8**	mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**180**	mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**41,1**	%
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**45,1**	%
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**6,5**	kW
PREVALENZA *HEAD*	**27,7**	m
PORTATA *CAPACITY*	**35,4**	m³/h

Motore- *Motor* M211T-7,5-400/50YY-IE3

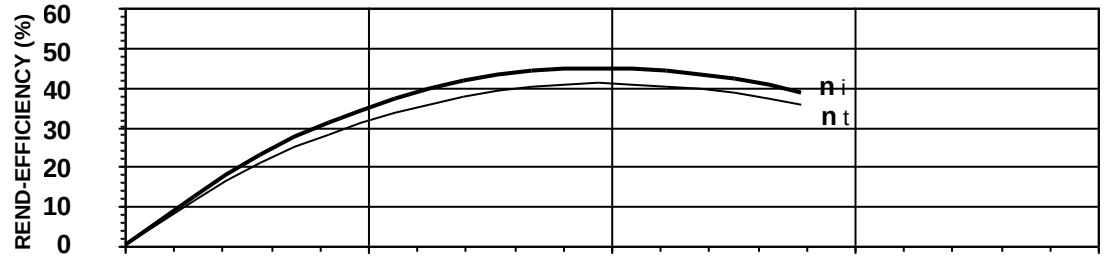
ALIMENTAZIONE *POWER SUPPLY*	**3ph 400/690V-50Hz**		
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H Trop**		
VELOCITÀ NOMINALE *NOMINAL SPEED*	**2842** rpm		
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**7,5** kW		
CORRENTE DI SPUNTO *STARTING CURRENT*	**79,6** A		
CORRENTE NOMINALE *RATED CURRENT*	**13,5** A		
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,0170** kgm2		
	CARICO-LOADING		
	4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,88**	**0,84**	**0,73**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**91** %	**90** %	**89** %

Impiego - *Application*

TEMP. MAX DEL LIQUID *PUMPED LIQUID MAX TEMP.*	**< 40** °C
PROTEZIONE MECCANICA *MECHANICAL PROT. DEGREE*	**IP 68**
CAVO *CABLE*	**12G2,5 H07RNF**
CODICE DISEGNO *DRAWING CODE*	**713_65_11_4**
CURVA *CURVE*	**D713-223**

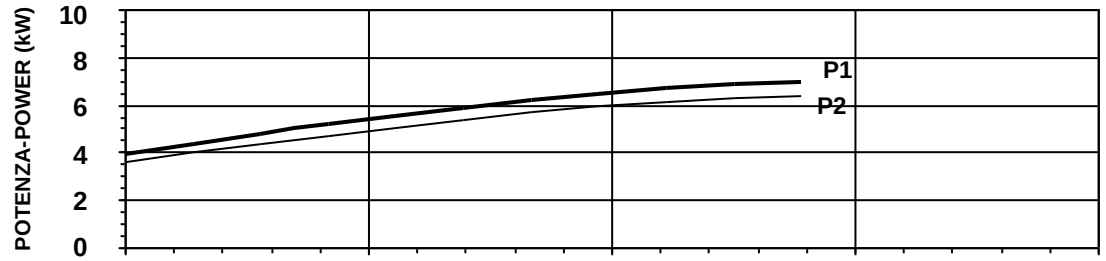
Protezioni - *Protections*

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



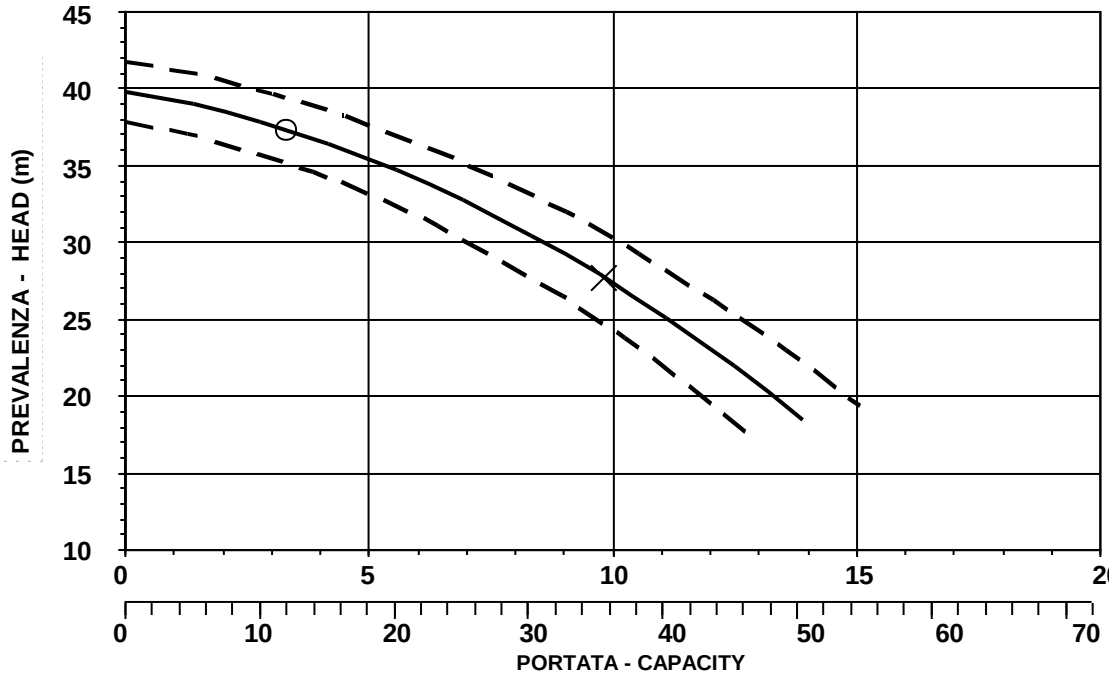
η i = Rendimento idraulico *Hydraulic efficiency*

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*

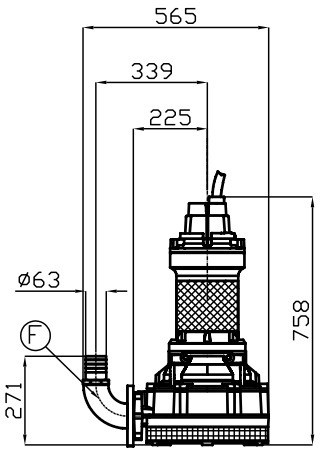
PREMIUM EFFICIENCY IE3 MOTOR

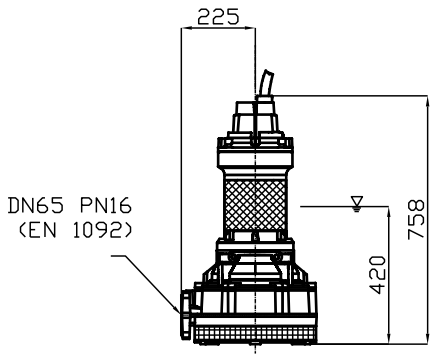
CURVA CARATTERISTICA SECONDO NORMA *PERFORMANCE CURVES IN ACCORDANCE TO* **UNI EN ISO 9906**	PRESTAZIONI IN ACQUA PULITA RIFERITE ALLA TEMP. DI 40°C *PERFORMANCE WITH CLEAR WATER AND RATING DATA AT 40°C*

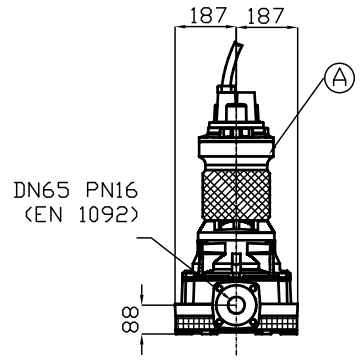
FAGGIOLATI PUMPS® S.p.A.

INGOMBRI
DIMENSIONS

Codice disegno - Drawing code
713_65_11_4



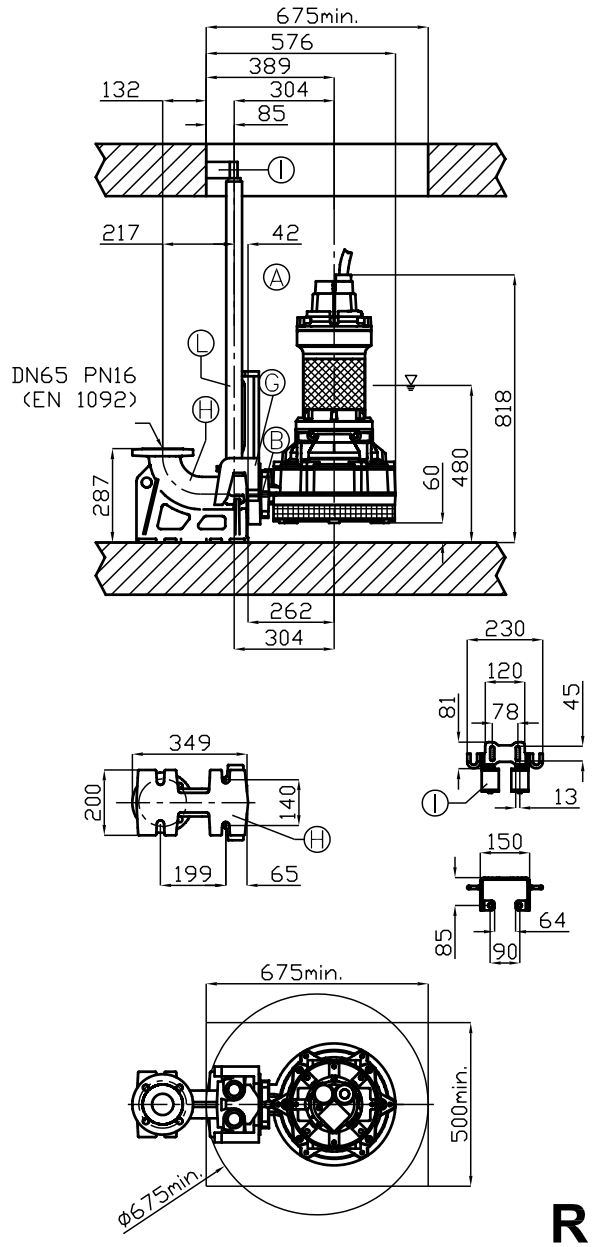




LIVELLO MINIMO DI SOMMERGIBILITÁ STANDARD.
PER VERSIONE ATEX, COMPLETAMENTE SOMMERSA.

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

S



R

Pos. *Pos.*	*Codice* *Code*	*Descrizione* *Description*	*Materiale* *Material*	*Peso Kg* *Weight Kg*
A	-	Elettropompa Sommergibile Submersible Pump		-
B	54.09426	Guarnizione DN65 Rubber joint DN65	Neoprene Neoprene	-
Type: **P**				
F	XCDN65	Curva di mandata 90° DN65 Delivery elbow 90° DN65	AISI316 Acciaio S.Steel AISI316	3
Type: **R**		**XPADN65/15**		
G	XADTDN65/15	Controflangia accoppiamento 2 guide DN65 Double guide rail coupling flange DN65	AISI316L Acciaio S.Steel AISI316L	20
H	XBPACDN65/15	Piede d'accoppiamento 2 guide DN65 Double guide coupling feet DN65	AISI316L Acciaio S.Steel AISI316L	19
I	SOP2TDN65/32	Sopporto tubi superiore 2 guide 2" Double guide rail upper support 2"	AISI316L Acciaio S.Steel AISI316L	1,9
L	TG2X6L	Tubo guida 2" Guide rail 2"	AISI316L Acciaio S.Steel AISI316L	-