FAGGIOLATI PUMPS® S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7S	**G216R6T1-L10AA6**

Cod. *Code*	Peso totale *Total weight*	Materiale *Construction*	Girante *Impeller*
7009887	**360** Kg	**GHISA EN-GJL-250** / ***CAST IRON EN-GJL-250***	**TRITURATORE** / ***GRINDER***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**DN 65**	mm
ASPIRAZIONE *SUCTION*		mm
PASSAGGIO LIBERO *FREE PASSAGE*	**10**	mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**250**	mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**40,3**	%
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**43,2**	%
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**23,5**	kW
PREVALENZA *HEAD*	**57,9**	m
PORTATA *CAPACITY*	**60,0**	m^3/h

Motore- *Motor* M216T-25,1-400/50YY-IE3EX

ALIMENTAZIONE *POWER SUPPLY*	**3ph 400/690V-50Hz**	
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H**	
VELOCITÀ NOMINALE *NOMINAL SPEED*	**2891**	rpm
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**25,1**	kW
CORRENTE DI SPUNTO *STARTING CURRENT*	**257,2**	A
CORRENTE NOMINALE *RATED CURRENT*	**43,6**	A
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,0890**	kgm2

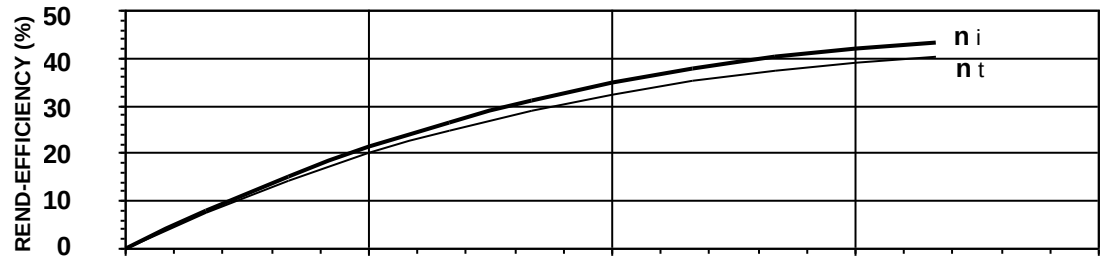
	CARICO-LOADING 4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,89**	**0,87**	**0,82**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**93** %	**93** %	**92** %

Impiego - *Application*

TEMP. MAX DEL LIQUID *PUMPED LIQUID MAX TEMP.*	**< 45** °C
PROTEZIONE MECCANICA *MECHANICAL PROT. DEGREE*	**IP 68**
CAVO *CABLE*	**2X4G10+4G2,5 PVC+ H07RNF**
CODICE DISEGNO *DRAWING CODE*	**718_65_16_3**
CURVA *CURVE*	**T718-204**

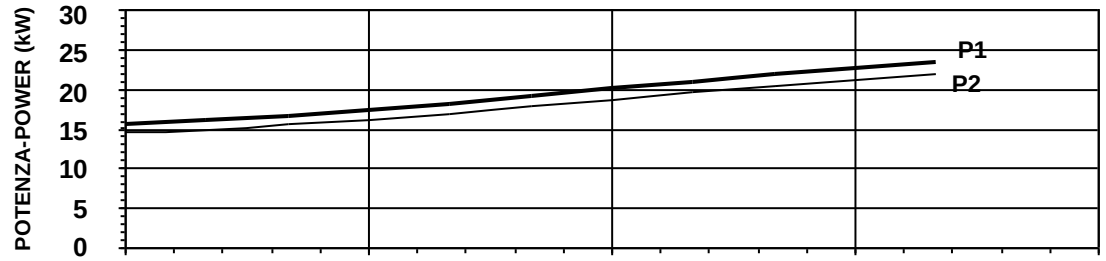
Protezioni - *Protections*

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



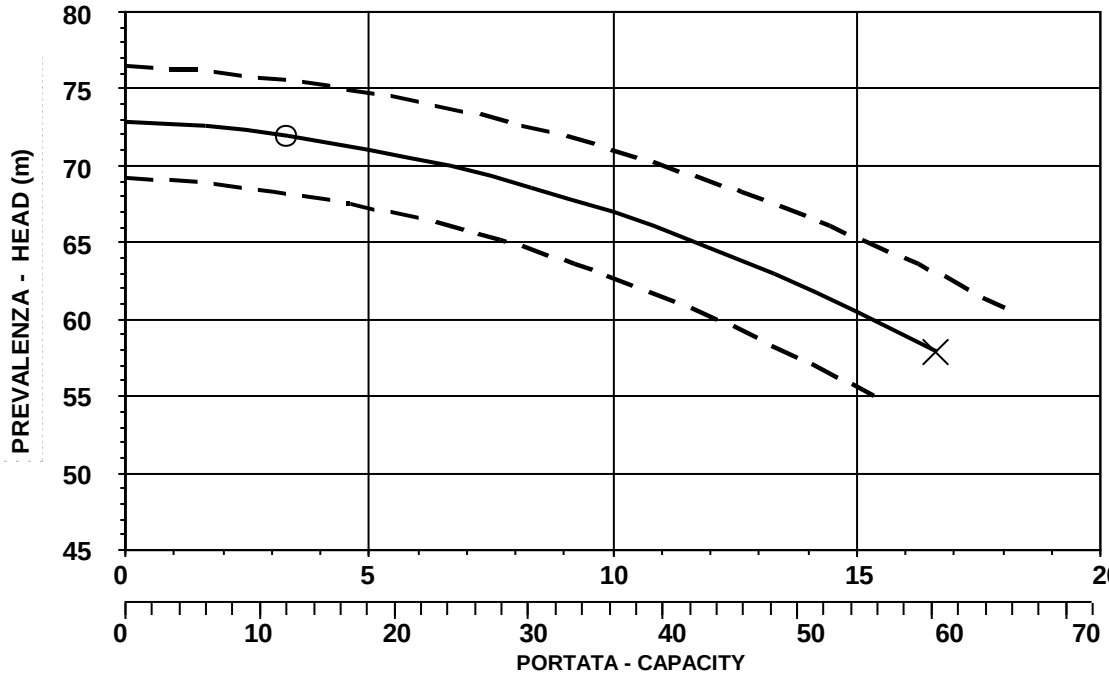
η_i = Rendimento idraulico *Hydraulic efficiency*

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*

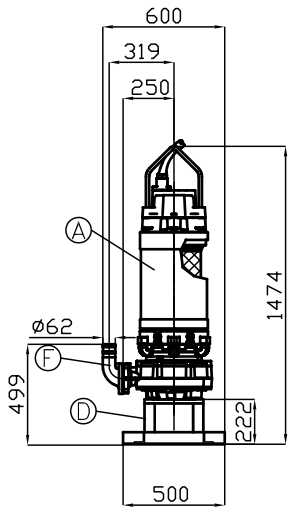
X = Punto max rendimento *Best efficiency point*

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*

Codice disegno - Drawing code



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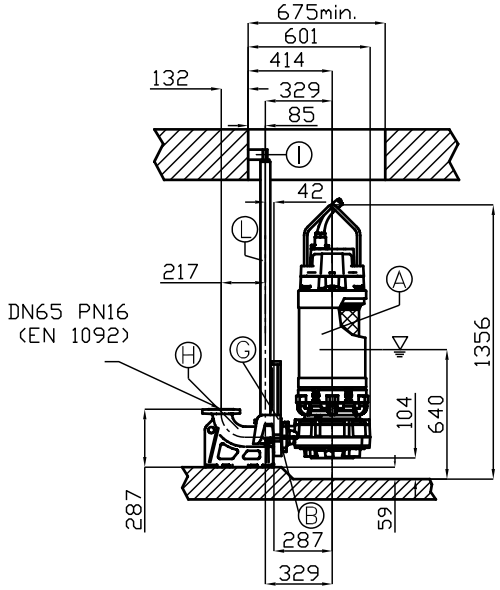

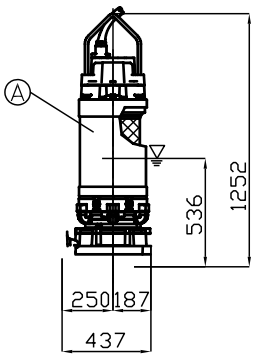

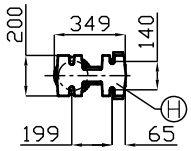

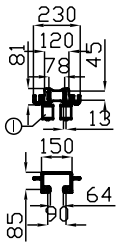

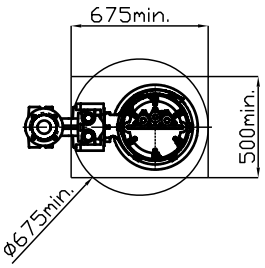

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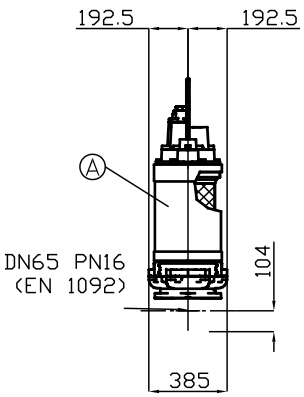

▽ LIVELLO MINIMO DI SOMMERGIBILITA'
▽ MINIMUM SUBMERSIBLE LEVEL