FAGGIOLATI PUMPS® S.p.A.

CURVA CARATTERISTICA
PERFORMANCE CURVE

Serie	Tipo di pompa - *Pump type*
7B	**G271T6D1-J6AA6**

Cod. *Code*	Peso totale *Total weight*	Materiale *Construction*	Girante *Impeller*
7003443	**38** Kg	**GHISA EN-GJL-250** ***CAST IRON EN-GJL-250***	**DRENAGGIO** ***DRAINAGE***

Idraulica - *Hydraulic*

MANDATA *DISCHARGE*	**40**	mm
ASPIRAZIONE *SUCTION*	**-**	mm
PASSAGGIO LIBERO *FREE PASSAGE*	**6**	mm
DIAMETRO GIRANTE *IMPELLER DIAMETER*	**150**	mm

Rend. max - *Best efficiency*

RENDIMENTO TOTALE *TOTAL EFFICIENCY*	**38,1**	%
RENDIMENTO IDRAULICO *HYDRAULIC EFFICIENCY*	**43,7**	%
POT. ASS. DALLA RETE *ABS. POWER FROM MAINS*	**2,0**	kW
PREVALENZA *HEAD*	**16,8**	m
PORTATA *CAPACITY*	**16,4**	m³/h

Motore- *Motor* M271T-2,4-400/50NY-IE3EX

ALIMENTAZIONE *POWER SUPPLY*	**3ph 400V-50Hz**	
CLASSE DI ISOLAMENTO *INSULATION CLASS*	**H**	
VELOCITÀ NOMINALE *NOMINAL SPEED*	**2793**	rpm
POTENZA NOMINALE MOTORE *RATED MOTOR POWER*	**2,4**	kW
CORRENTE DI SPUNTO *STARTING CURRENT*	**26,6**	A
CORRENTE NOMINALE *RATED CURRENT*	**4,5**	A
MOMENTO DI INERZIA TOTALE *TOTAL MOMENT OF INERTIA*	**0,0050**	kgm2

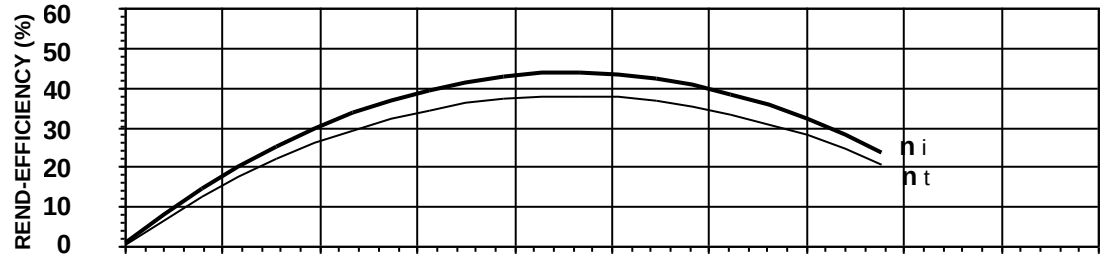
	CARICO-LOADING 4/4	3/4	1/2
FATTORE DI POTENZA *POWER FACTOR*	**0,89**	**0,82**	**0,70**
RENDIMENTO MOTORE *MOTOR EFFICIENCY*	**87** %	**86** %	**84** %

Impiego - *Application*

TEMP. MAX DEL LIQUID *PUMPED LIQUID MAX TEMP.*	**< 45** °C
PROTEZIONE MECCANICA *MECHANICAL PROT. DEGREE*	**IP 68**
CAVO *CABLE*	**2X4G1,5 H07RNF**
CODICE DISEGNO *DRAWING CODE*	**707_40_07_3**
CURVA *CURVE*	**D707-205**

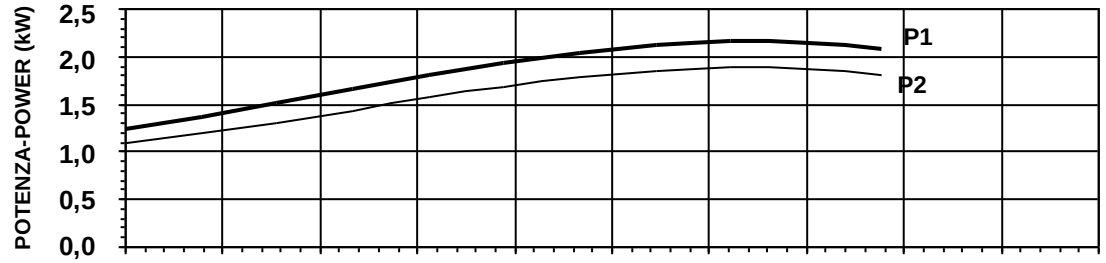
Protezioni - *Protections*

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



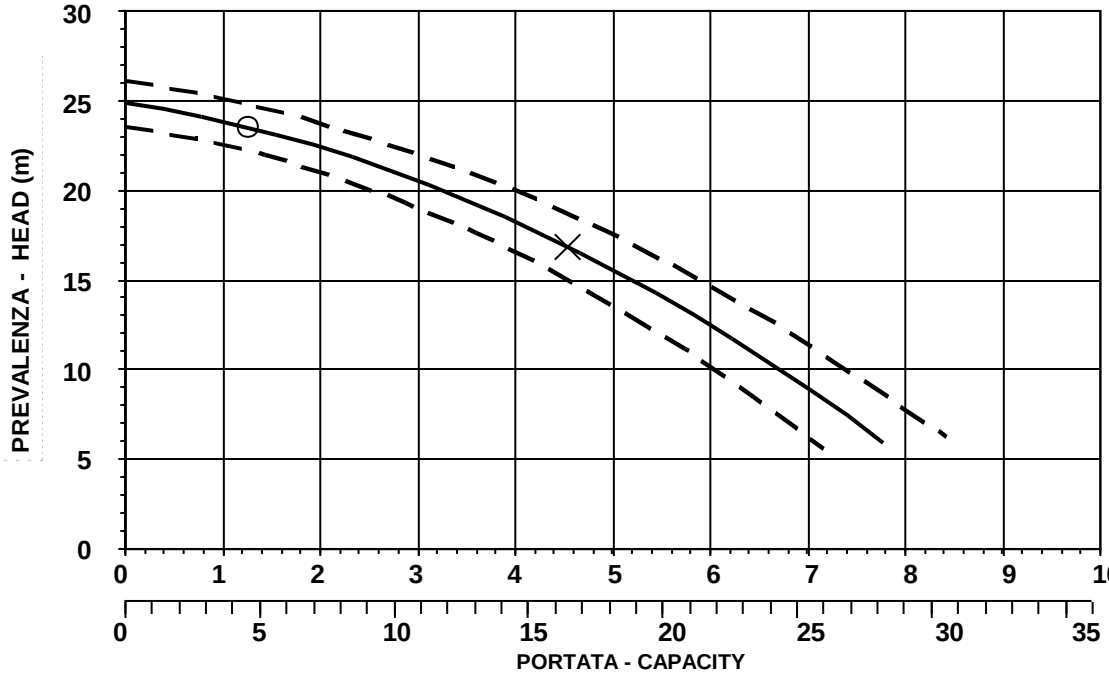
η_i = Rendimento idraulico *Hydraulic efficiency*

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*

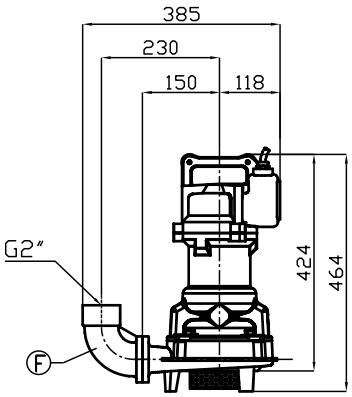
PREMIUM EFFICIENCY IE3 MOTOR

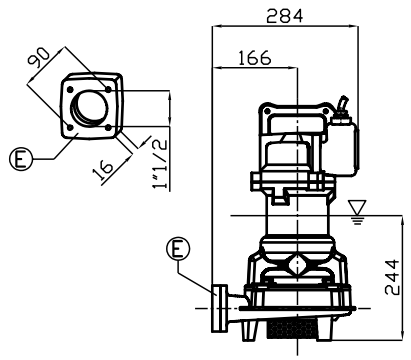
CURVA CARATTERISTICA SECONDO NORMA *PERFORMANCE CURVES IN ACCORDANCE TO* **UNI EN ISO 9906**	PRESTAZIONI IN ACQUA PULITA RIFERITE ALLA TEMP. DI 40°C *PERFORMANCE WITH CLEAR WATER AND RATING DATA AT 40°C*

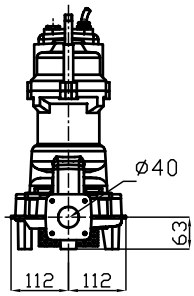
FAGGIOLATI PUMPS® S.p.A.

INGOMBRI
DIMENSIONS

Codice disegno - Drawing code
707_40_07_3



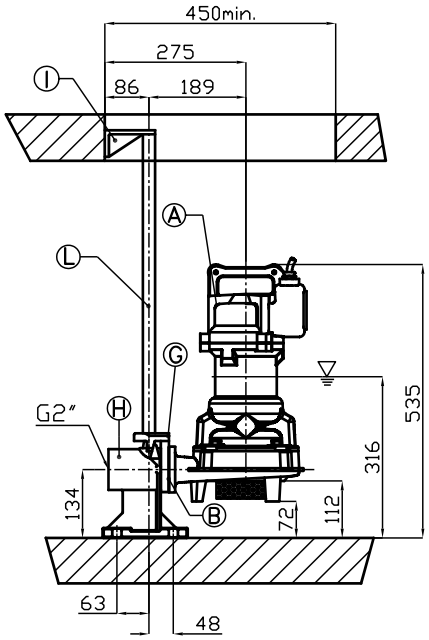


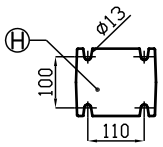


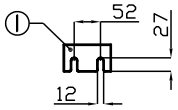
▽ LIVELLO MINIMO DI SOMMERGIBILITÁ STANDARD.
PER VERSIONE ATEX, COMPLETAMENTE SOMMERSA.

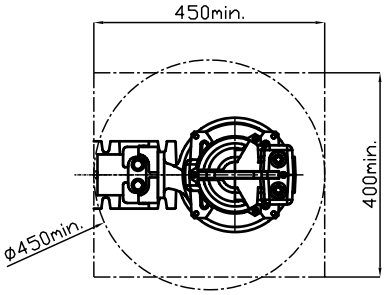
▽ MINIMUM SUBMERSIBLE LEVEL STANDARD.
FOR ATEX TYPE, COMPLETELY SUBMERGED.

S









R

Pos. *Pos.*	*Codice* *Code*	*Descrizione* *Description*	*Materiale* *Material*	*Peso Kg* *Weight Kg*
A	-	Elettropompa Sommergibile Submersible Pump		-
B	54.09310	Guarnizione DN50 Rubber joint DN50	Neoprene Neoprene	0,01
Type: **R**		**GPADN502T**		
G	GCADN50	Controflangia accoppiamento 2 guide DN50 Double guide rail coupling flange DN50	GS400 Ghisa GS400 Cast-Iron	1,5
H	GBPACDN502T	Piede d'accoppiamento 2 guide DN50 Double guide coupling feet DN50	G250 Ghisa G250 Cast-Iron	6
I	SOP2TDN50	Sopporto tubi superiore 2 guide 3/4 Double guide rail upper support 3/4	G250 Ghisa G250 Cast-Iron	1,1
L	TG3/4Z	Tubo guida 3/4 Guide rail 3/4	Acciaio zincato Galvanized Steel	-
Type: **S**				
E	GF1.1/2T	Flangetta filettata 1"1/2 Threaded flange 1"1/2	G250 Ghisa G250 Cast-Iron	1
F	GCF2	Curva filettata 90° 2" Threaded elbow 90° 2"	G250 Ghisa G250 Cast-Iron	3