

Cod. Code	7005181	Peso totale Total weight	170 Kg	Materiale Construction	GHISA EN-GJL-250 CAST IRON EN-GJL-250	Girante Impeller	MONOCANALE SINGLE CHANNEL
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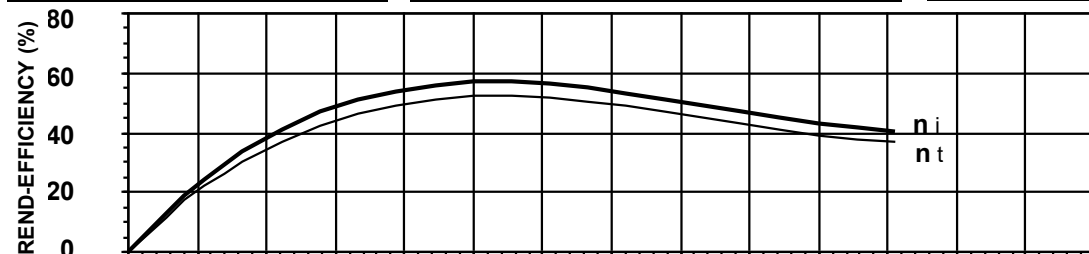
Idraulica - Hydraulic	
MANDATA DISCHARGE	DN 100 mm
ASPIRAZIONE SUCTION	DN 125 mm
PASSAGGIO LIBERO FREE PASSAGE	78 mm
DIAMETRO GIRANTE IMPELLER DIAMETER	237 mm

Rend. max - Best efficiency	
RENDIMENTO TOTALE TOTAL EFFICIENCY	52,2 %
RENDIMENTO IDRAULICO HYDRAULIC EFFICIENCY	57,1 %
POT. ASS. DALLA RETE ABS. POWER FROM MAINS	5,6 kW
PREVALENZA HEAD	11,2 m
PORTATA CAPACITY	95,6 m ³ /h

Motore- Motor		M411T-7,1-400/50YY-IE3		
ALIMENTAZIONE POWER SUPPLY	3ph 400/690V-50Hz			
CLASSE DI ISOLAMENTO INSULATION CLASS				H
VELOCITÀ NOMINALE NOMINAL SPEED				1436 rpm
POTENZA NOMINALE MOTORE RATED MOTOR POWER				7,1 kW
CORRENTE DI SPUNTO STARTING CURRENT				79,6 A
CORRENTE NOMINALE RATED CURRENT				13,5 A
MOMENTO DI INERZIA TOTALE TOTAL MOMENT OF INERTIA				0,1215 kgm2
		CARICO-LOADING		
		4/4	3/4	1/2
FATTORE DI POTENZA POWER FACTOR	0,83	0,76	0,63	
RENDIMENTO MOTORE MOTOR EFFICIENCY	91 %	90 %	89 %	

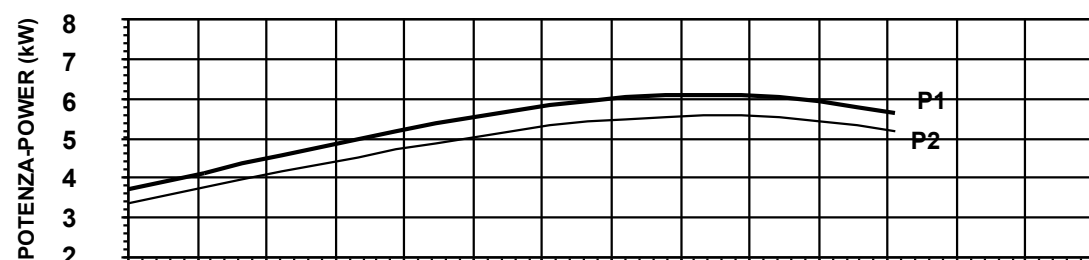
Impiego - Application	
TEMP. MAX DEL LIQUID PUMPED LIQUID MAX TEMP.	< 40 °C
PROTEZIONE MECCANICA MECHANICAL PROT. DEGREE	IP 68
CAVO CABLE	12G2,5 H07RNF
CODICE DISEGNO DRAWING CODE	713_100_11_1
CURVA CURVE	M713-425

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



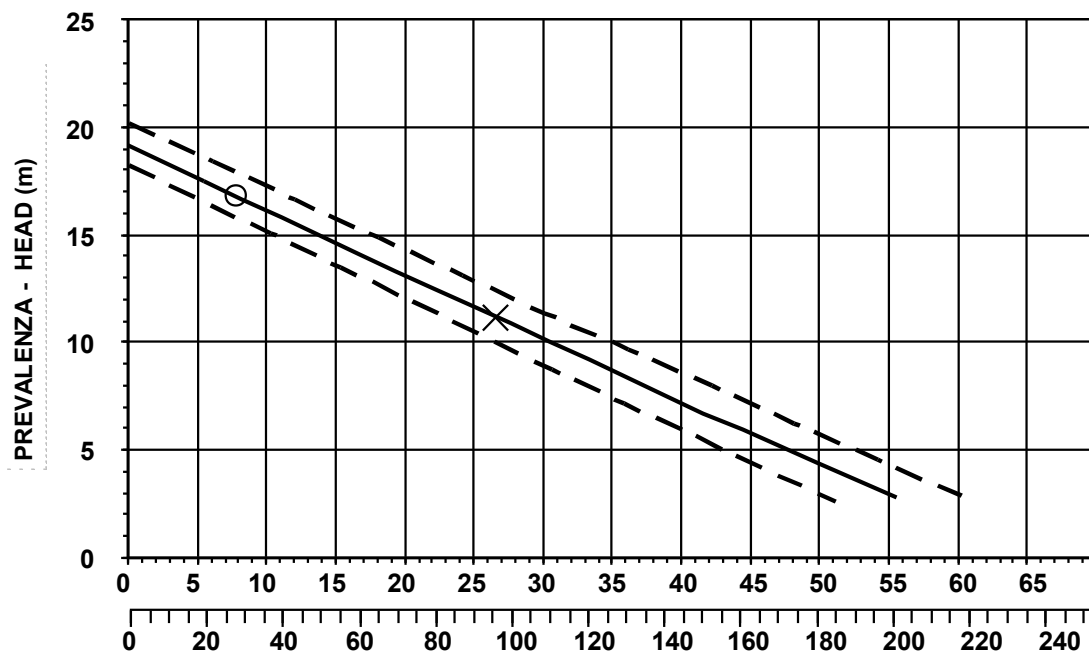
η_i = Rendimento idraulico
Hydraulic efficiency

η_t = Rendimento totale
Total efficiency



P1 = Potenza ass. dalla rete
Abs. power from mains

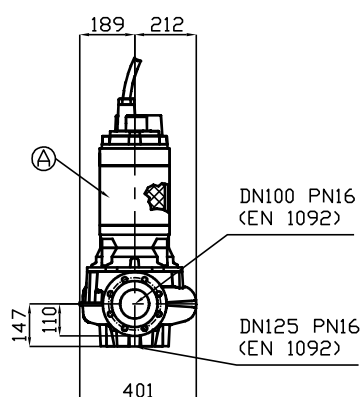
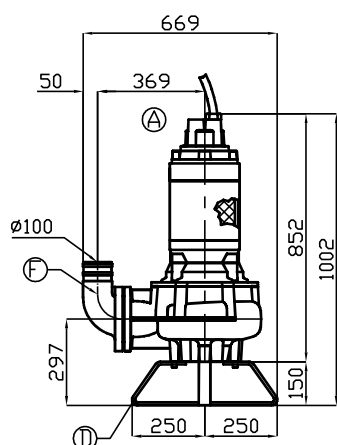
P2 = Potenza idraulica
Hydraulic power



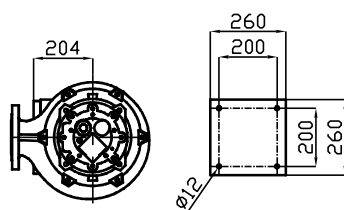
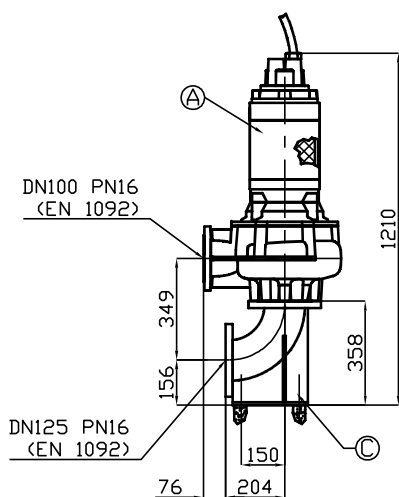
O = Portata minima
Minimum capacity

X = Punto max rendimento
Best efficiency point





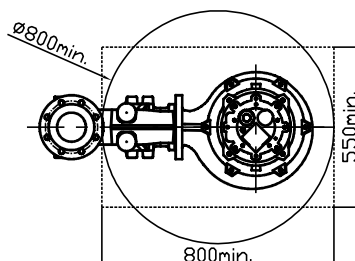
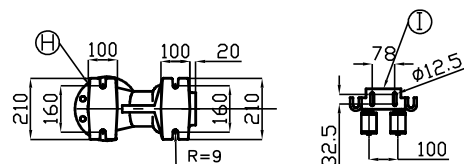
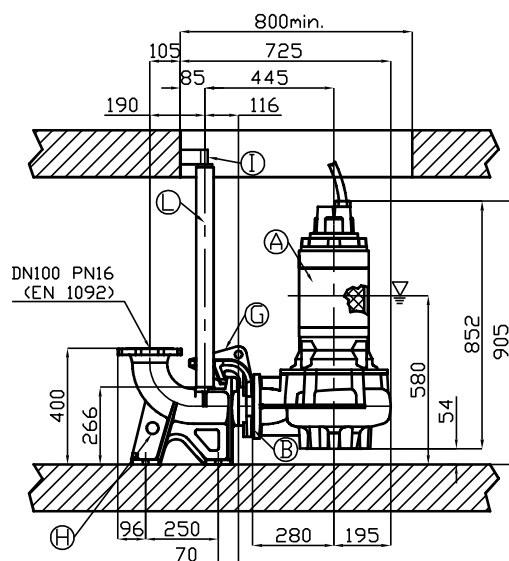
P



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

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

E



R

Pos.	Codice	Descrizione	Materiale	Peso Kg
Pos.	Code	Description	Material	Weight Kg
A	-	Elettropompa Sommersibile Submersible Pump	-	-
B	54.11015	Guarnizione DN100 Rubber joint DN100	Neoprene Neoprene	0,06
Type: E				
C	ECDN125	Curva aspirazione 90° Suction elbow 90°	Acciaio zincato Galvanized Steel	27
Type: P				
D	PAPDN125NP0 7	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