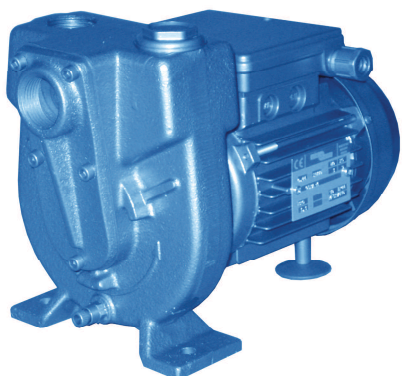


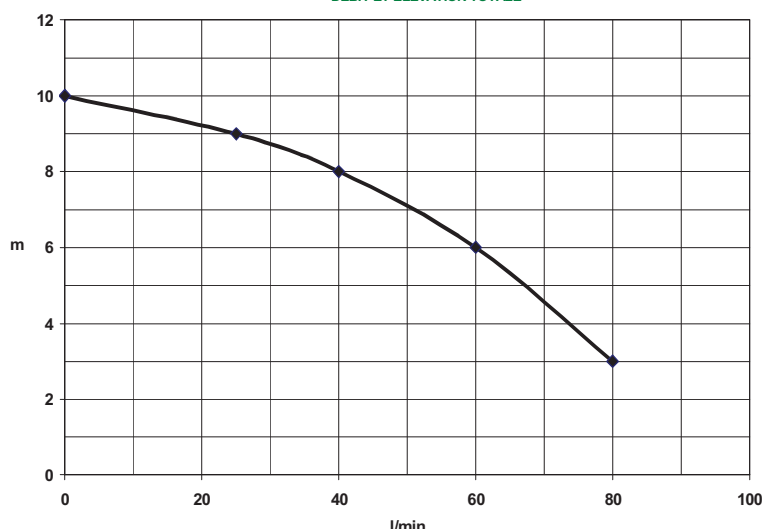


## 01 RA

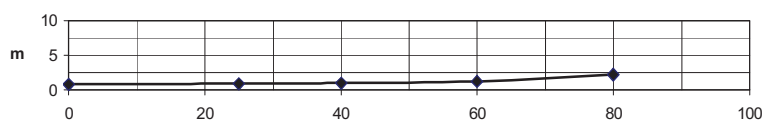


CURVE DI FUNZIONAMENTO E CARATTERISTICHE A 2800 GIRI/MIN  
PERFORMANCES CURVES AND SPECIFICATIONS AT 2800 RPM  
COURBES ET CARACTÉRISTIQUES DE FONCTIONNEMENT À 2800 TPM

PORTATA E PREVALENZA TOTALE  
TOTAL FLOW AND HEAD  
DEBIT ET ELEVATION TOTALE



NPSH - NPSH - NPSH



### CARATTERISTICHE

Elettropompe autoadescenti a girante aperta.

### MATERIALI

- Corpo pompa in ghisa.
- Supporto in ghisa.
- Girante tipo "aperto" in ghisa.
- Albero in Acciaio inossidabile AISI 420.
- Tenuta meccanica "Ceramica-Grafite/NBR" (standard).

### MOTORE ELETTRICO

Motore tipo chiuso, a ventilazione forzata.

Servizio continuo.

- Alimentazione monofase: a induzione 230v 50Hz, con condensatore e protettore termoparametrico incorporato.
- Alimentazione trifase: a induzione 230-400v 50Hz, la protezione deve essere prevista dall'utilizzatore con salvamotore opportunamente tarato.

Altre tensioni e frequenze a richiesta.



### FEATURES

Self-priming electric pumps, with open impeller.

### MATERIALS

- Cast iron body.
- Cast iron flange.
- Cast iron "open type" impeller.
- AISI 420 Stainless Steel shaft.
- "Ceramic-Graphite/NBR rubber" mechanical seal (standard).

### ELECTRIC MOTOR

Enclosed type motor with forced ventilation.

Non-stop service.

- Mono phase: 230v 50Hz induction motor, with permanent cut-in capacitor and built-in thermic ammeter motor protector.
- Three phase: 230-400v 50Hz induction motor, protection to be carried out by the user: motor protector suitably adjusted.

Other tensions and frequencies on request.



### CARACTÉRISTIQUES

Électropompes autoamorçantes avec turbine ouverte.

### MATÉRIAUX

- Corps de pompe en fonte.
- Support en fonte.
- Turbine "type ouverte" en fonte.
- Arbre en acier inoxydable AISI 420.
- Garniture mécanique "Céramique-Graphite/NBR" (standard).

### MOTEUR ÉLECTRIQUE

Moteur électrique de type fermé, à ventilation forcée.

Servicio continuo.

- Alimentation monophasée: à induction 230v 50Hz, équipé d'un condensateur et d'un système de protection thermique ampérométrique incorporée.
- Alimentation triphasée: à induction 230-400v 50Hz, l'utilisateur doit étalonner lui-même le dispositif de protection du moteur.

Autres tensions et fréquences sur demande.

Aspirazione massima = 4 m.

Prestazioni totali rilevate a 15°C con aspirazione 4 m.  
Y = 1 kg/dm³.

Max. suction = 4 m.

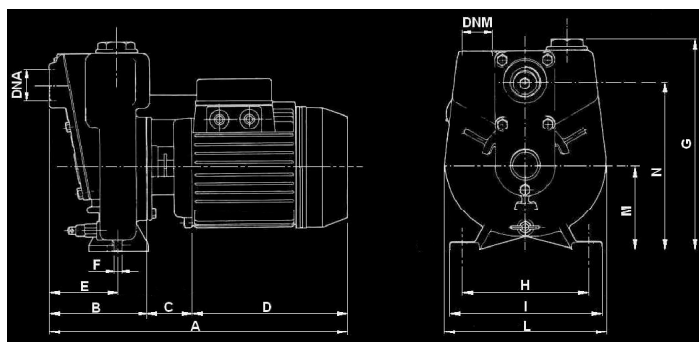
Total performances obtained at 15°C with 4 m height suction.  
Y = 1 kg/dm³.

Max. en aspiration = 4 m.

Performances totales remarquées à 15°C avec aspiration 4 m.  
Y = 1 kg/dm³.

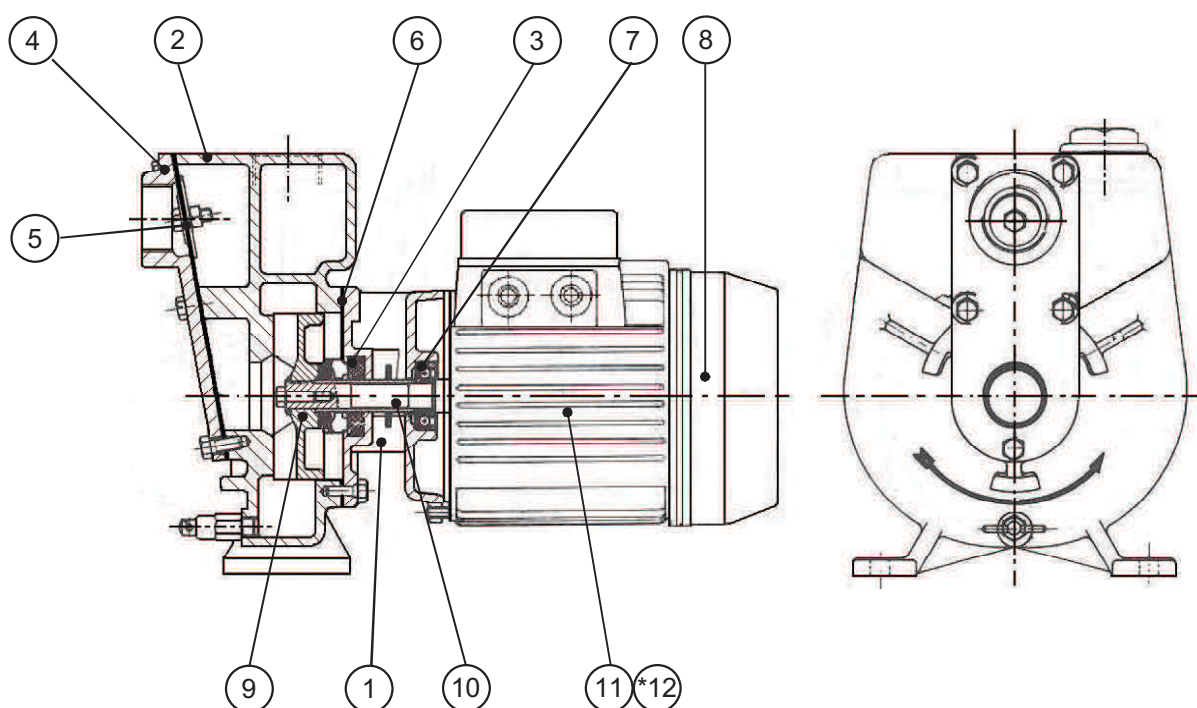
|                                      | TIPO POMPA<br>PUMP TYPE<br>TYPE POMPE | CODICE<br>CODE<br>CODE      | HP<br>KW    | TENSIONE<br>TENSION<br>TENSION   |                              | CONDENSATORE<br>CAPACITOR<br>CONDENSATEUR |       | Q [l/min]<br>-----<br>H [m] total |                |                |
|--------------------------------------|---------------------------------------|-----------------------------|-------------|----------------------------------|------------------------------|-------------------------------------------|-------|-----------------------------------|----------------|----------------|
|                                      |                                       |                             |             |                                  |                              |                                           |       | MF                                | VC             |                |
| Monofase<br>Mono phase<br>Monophasée | 01 RA-M                               | 21320.00                    | 0.6<br>0.44 | 230 V<br>50 Hz                   | Max<br>3.3 A                 | 12.5                                      | 450 V |                                   |                |                |
| Trifase<br>Three phase<br>Triphasée  | 01 RA-T                               | 21310.00<br>21336.00 (ATEX) | 0.6<br>0.44 | 230 V<br>50 Hz<br>400 V<br>50 Hz | Max<br>2.6 A<br>Max<br>1.5 A | -                                         | -     | 80<br>---<br>3                    | 60<br>---<br>6 | 25<br>---<br>9 |

CURVE E CARATTERISTICHE: ISO 9906 GRADO 2 - PERFORMANCES CURVES AND SPECIFICATION: ISO 9906 GRADE 2 - COURBES ET CARACTÉRISTIQUES: ISO 9906 GRADE 2



| DNM    | DNA    | A   | B   | C  | D   | E                       | F     |
|--------|--------|-----|-----|----|-----|-------------------------|-------|
| 1" GAS | 1" GAS | 304 | 98  | 46 | 160 | 70                      | Ø 5.5 |
| G      | H      | I   | L   | M  | N   | Peso<br>Weight<br>Poids |       |
| 213    | 127    | 152 | 162 | 85 | 170 | Kg. 10.5                |       |

SEZIONE POMPA E PARTI DI RICAMBIO - PUMP CROSS SECTION AND SPARE PARTS LIST - SECTION DE LA POMPE AVEC LES PIÈCES DÉTACHÉES



| POS. N. | DENOMINAZIONE - DESCRIPTION - DENOMINATION |                              |                                | 01 RA-M<br>21320.00      | 01 RA-T<br>21310.00      |
|---------|--------------------------------------------|------------------------------|--------------------------------|--------------------------|--------------------------|
| 1       | Flangia                                    | Flange                       | Flasque                        | 21301.01                 | 21301.01                 |
| 2       | Corpo                                      | Casing                       | Corps                          | 21000.02                 | 21000.02                 |
| 3       | Tenuta meccanica                           | Mechanical seal              | Garniture mécanique            | 21300.22                 | 21300.22                 |
| 4       | Coperchio                                  | Cover                        | Couvercle                      | 21000.04                 | 21000.04                 |
| 5       | Guarnizione coperchio                      | Cover gasket                 | Joint du couvercle             | 21000.05                 | 21000.05                 |
| 6       | Guarnizione flangia                        | Flange gasket                | Joint de la flasque            | 21000.06                 | 21000.06                 |
| 7       | Cuscinetto anteriore                       | Front bearing                | Coussinet antérieur            | B204A.05                 | B204A.05                 |
| 8       | Cuscinetto posteriore                      | Back bearing                 | Coussinet postérieur           | C207A.05                 | C207A.05                 |
| 9       | Girante                                    | Impeller                     | Turbine                        | 21300.99                 | 21300.99                 |
| 10      | Albero e rotore                            | Shaft and rotor              | Arbre et rotor                 | R503A.00                 | R503B.00                 |
| 11      | Motore elettrico                           | Electric motor               | Moteur électrique              | B505A.00                 | B503B.00                 |
| * 12    | Statore avvolto<br>con carcassa            | Winded stator<br>with casing | Stator bobiné<br>avec carcasse | * S205A.00<br>* B503A.02 | * S205B.00<br>* B503A.02 |

Disponibile anche con motore MEC B3/B5 ATEX. Per ricambi della parte idraulica: vedere spaccato pompe flangiate MEC.  
 Available with ATEX B3/B5 MEC motor. For hydraulic spare parts: consider the technical sheet of the flanged MEC pumps.  
 Disponible aussi avec moteur ATEX MEC B3/B5. Pour les pièces détachées de la partie hydraulique: considérer la vue édatée des pompes avec flasque MEC.

DATI SOGGETTI A MODIFICHE SENZA PREAVVISO - DATA SUBJECT TO CHANGE WITHOUT PRIOR NOTICE - TOUS LES DONNÉES SONT SUJETES À MODIFICATIONS SANS PREAVIS

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