

## GA20A

Pompa centrifuga verticale, ad uno stadio, albero a sbalzo, bussole usura flussate dal liquido in pompaggio  
*Vertical centrifugal sump pump, single stage, cantilever shaft, bushings fluxed by pumped liquid*  
*Pompe centrifuge verticale, immergée, à un étage, arbre guidé par douilles lubrifiées par le liquide en pompage*

Girante sospesa aperta arretrata  
*Open overhung recessed impeller*

Ø 80 mm

Bocchelli aspirazione/mandata  
*Suction/discharge connections*

Portagomma – Hose adaptor

Ø 20 mm

Peso weight

netto net

Kg 7 ÷ 16

lordo gross

kg

Filetto maschio – Threaded

1"

Dimensioni - dimensions

mm

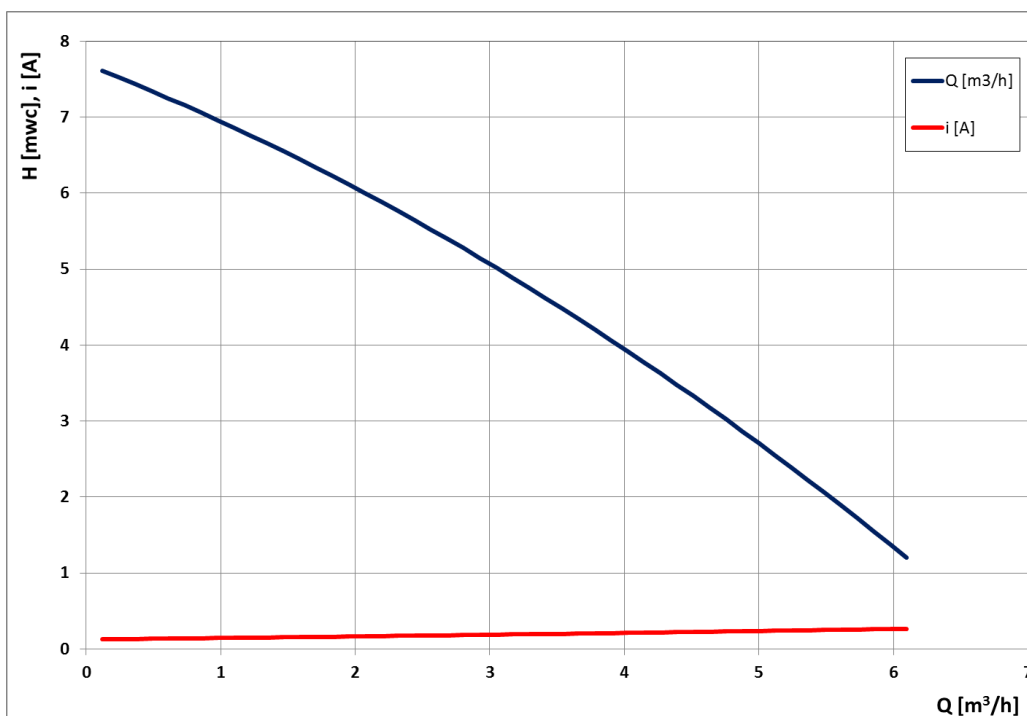
Motore elettrico trifase CVE  
*Three-phases electric motor TEFC*

0,37 kW – 2800 rpm – IP55 – F/B Insulation class - Volt 400/420 - 230/240 Hz 50

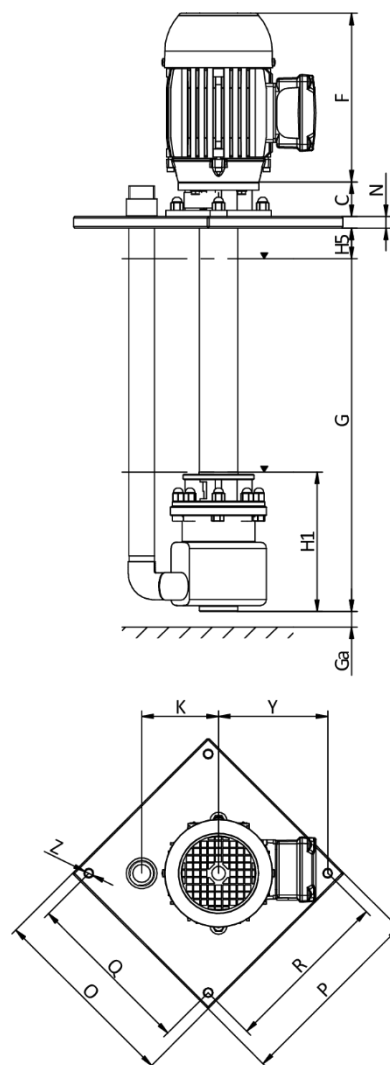
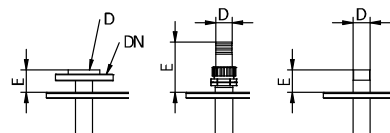
### Tabella prestazioni - Performances table

| No | V   | assorbimento –<br>absortion |     | portata-delivery |      | prevalenza -<br>head | Potenza motore @ peso specifico<br>Motor power @ specific gravity | dB(A) |
|----|-----|-----------------------------|-----|------------------|------|----------------------|-------------------------------------------------------------------|-------|
|    |     | A                           | kW  | l/min            | m³/h | m w.c.               |                                                                   |       |
| 1  | 400 | 0.7                         | 0.3 | 104              | 6.2  | 1                    | kW 0.37<br>SG kg/m³ max                                           | ≤ 75  |
| 2  |     | 0.7                         | 0.2 | 80               | 4.8  | 3                    | 1300                                                              |       |
| 3  |     | 0.7                         | 0.2 | 66               | 4.0  | 4                    | 1300                                                              |       |
| 4  |     | 0.7                         | 0.2 | 51               | 3.1  | 5                    | 1300                                                              |       |
| 5  |     | 0.7                         | 0.2 | 35               | 2.1  | 6                    | 1400                                                              |       |
| 6  |     | 0.7                         | 0.1 | 15               | 0.9  | 7                    | 1400                                                              |       |
| 7  |     |                             |     |                  |      |                      |                                                                   |       |
| 8  |     |                             |     |                  |      |                      |                                                                   |       |

### Curva – Curve

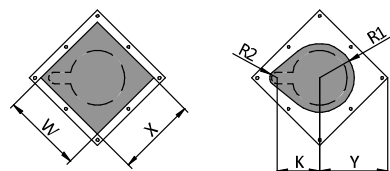


## GA20 - PP - Length: 300 - 1000 mm


Attacchi – *Connections*

Flangia libera  
*Backing ring*

Portagomma  
*Hose adaptor*

Filetto maschio  
*Male threaded*

Foro montaggio – *Assembly opening*


Max

Min

- Ga** Distanza minima dal fondo vasca  
*Minimum clearance from bottom vessel*
- G<sub>max</sub>** Lunghezza massima della pompa (G)  
*Maximum pump length (G)*
- G<sub>min</sub>** Lunghezza minima della pompa (G)  
*Minimum pump length (G)*
- H1** Sommergenza minima  
*Minimum submergence*
- H5** Livello massimo  
*Maximum level*

\*Dimensioni e pesi suscettibili di variazione

\*Dimensions and weights subject to variations

Motore – *Motor*

| kW   | Poles | IEC Frame | F*  | kg* |
|------|-------|-----------|-----|-----|
| 0.37 | 2     | 71        | 220 | 7.5 |
| 0.55 | 2     | 71        | 220 | 8.5 |

Pompa – *Pump*

| C  | G <sub>min</sub> | G <sub>max</sub> | Ga | H1  | H5 | K   | N  | Y   | kg* |
|----|------------------|------------------|----|-----|----|-----|----|-----|-----|
| 45 | 300              | 1000             | 20 | 180 | 40 | 100 | 15 | 163 | 6   |

Flangia d'appoggio – *Mounting plate*

| O   | P   | Q   | R   | S | V | ØZ   |
|-----|-----|-----|-----|---|---|------|
| 250 | 250 | 220 | 220 | - | - | 10.5 |

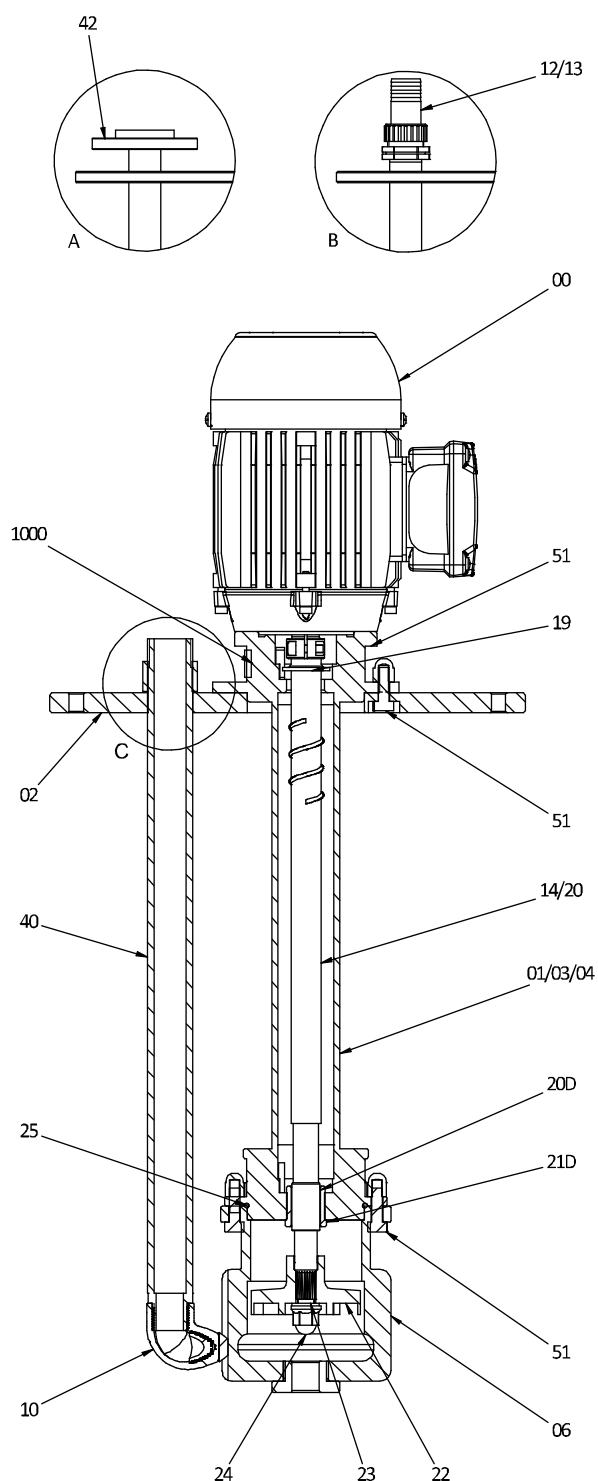
Attacchi – *Connections*

|                                        |                             | E   | D   | DN |
|----------------------------------------|-----------------------------|-----|-----|----|
| Flangia libera – <i>Backing ring</i>   | PN10/16 EN1092-1 (DIN 2501) | 275 | 25  | 20 |
| Flangia libera – <i>Backing ring</i>   | ANSI B 16.5 150 lbs         | 275 | 25  | ¾" |
| Portagomma – <i>Hose adaptor</i>       | ISO 228/1                   | 95  | 25  | -  |
| Filetto maschio – <i>Male threaded</i> | ISO 228/1                   | 40  | G 1 | -  |

Foro di montaggio – *Assembly opening*

| K   | R1  | R2 | W   | X   | Y   |
|-----|-----|----|-----|-----|-----|
| 100 | 120 | 45 | 190 | 190 | 163 |

## GA20 - PP - Length: 300 – 1000 mm



A - Flangia libera *Backing ring*  
 B - Portagomma *Hose adaptor*  
 C - Filetto maschio *Male threaded*

| Codice<br>Part-No. | Denominazione<br>Designation                               | Materiali<br>Materials | Qt. |
|--------------------|------------------------------------------------------------|------------------------|-----|
| 00                 | Motore<br><i>Electric Motor</i>                            | -                      | 1   |
| 02                 | Flangia appoggio<br><i>Support plate</i>                   | PVC                    | 1   |
| 01/03/04           | Guaina completa<br><i>Support column</i>                   | PP                     | 1   |
| 06                 | Corpo pompa<br><i>Pump casing</i>                          | PP                     | 1   |
| 10                 | Gomito mandata<br><i>Delivery elbow</i>                    | PP                     | 1   |
| 12/13              | Portagomma<br><i>Hose adaptor</i>                          | PP                     | 1   |
| 14/20              | Albero completo<br><i>Complete shaft</i>                   | SS/PP                  | 1   |
| 19                 | Deflettore<br><i>Baffle</i>                                | EPDM                   | 1   |
| 20D                | Bussola albero<br><i>Shaft bushing</i>                     | PTFE filled            | 1   |
| 21D                | Bussola pompa<br><i>Pump bushing</i>                       | PTFE filled            | 1   |
| 22                 | Girante<br><i>Impeller</i>                                 | PP                     | 1   |
| 23                 | Rondella girante<br><i>Impeller washer</i>                 | PTFE                   | 1** |
| 24                 | Dado girante<br><i>Impeller nut</i>                        | BR/PP                  | 1   |
| 25                 | O Ring<br><i>O Ring</i>                                    | EPDM                   | 1   |
| 40                 | Tubo mandata<br><i>Delivery pipe</i>                       | PP                     | 1   |
| 42                 | Flangia libera<br><i>Backing ring</i>                      | PVC                    | 1   |
| 51                 | Serie Bulloneria/Rondelle<br><i>Nuts/Bolts/Washers Set</i> | SS/BR/PP<br>PTFE       | 1** |
| 1000               | Riparo<br><i>Guard</i>                                     | PP                     | 1   |

\*\* Tutte le rondelle in PTFE della bulloneria (51) e della girante (23) devono essere sostituite dopo ogni smontaggio.

\*\* All the PTFE washers of bolts and nuts (51) and impeller (23) must be replaced after each disassembly.