



Serie • Series

# VA-VB

**BOMBAS CENTRÍFUGAS VERTICALES SERIE VA-VB**

**CENTRIFUGAL VERTICAL PUMPS VA-VB SERIES**

**POMPES CENTRIFUGES VERTICALES SERIE VA-VB**



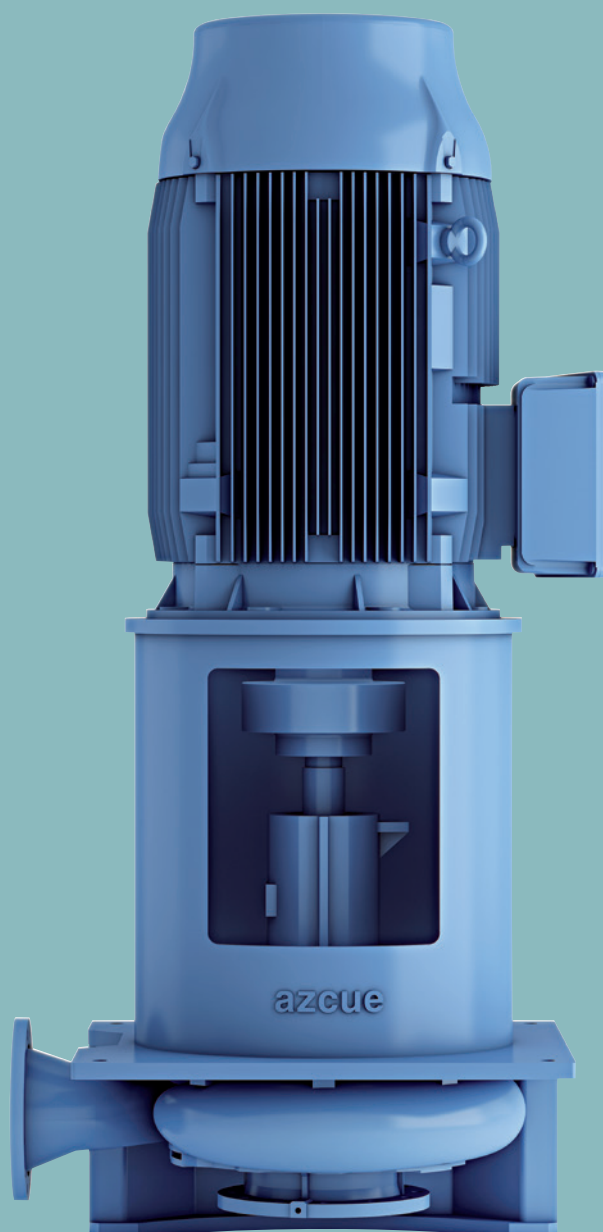
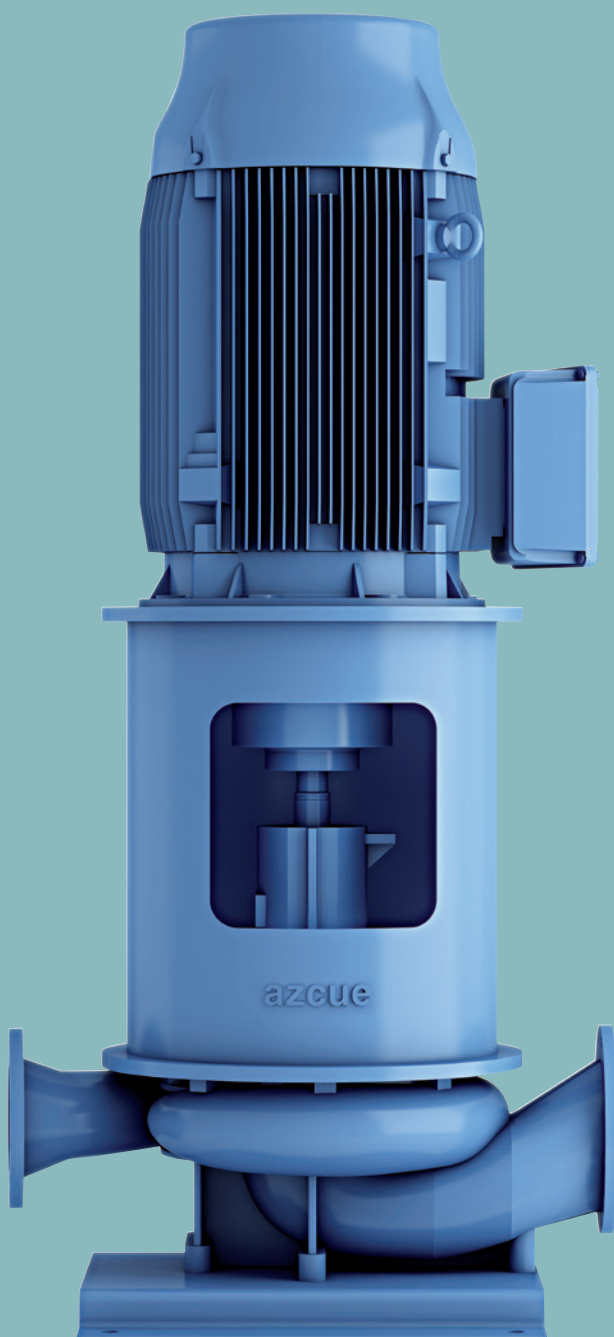
pumps

pumpen

# azcue

bombas

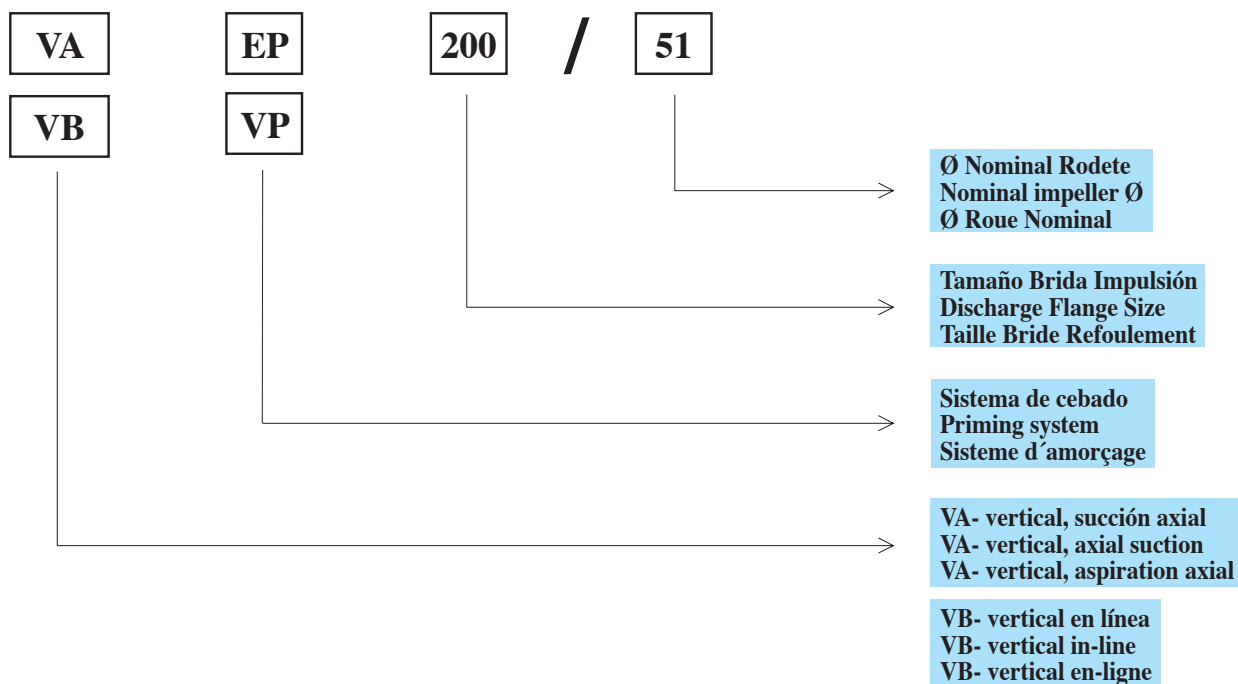
pompes



Ref. VA-VB04-13



## Nomenclatura / Description / Denomination



## Materiales / Materials / Matériaux

|                                 |                                    |                            |
|---------------------------------|------------------------------------|----------------------------|
| Voluta<br>Volute casing         | Bronce / Bronze                    | Cast iron / Hierro fundido |
| Rodete<br>Impeller              | Bronce / Bronze                    | Bronce / Bronze            |
| Tapa del cuerpo<br>Casing cover | Bronce / Bronze                    | Cast iron / Hierro fundido |
| Eje<br>Shaft                    | Acero inoxidable / Stainless steel |                            |

\* Otros materiales: bajo demanda / \* Other materials: under request / \* Outres matériaux: sur demande.

### Diseño:

- Bomba centrífuga vertical con soporte de rodamientos robustos.
- Montaje con acoplamiento flexible.
- Bomba con alto rendimiento y bajo NPSH, que hace que la bomba tenga una gran capacidad de aspiración.
- Cuando por necesidades de instalación se requiera que la bomba sea autoaspirante, se monta una electrobomba de vacío que realiza dicha función.

### Design:

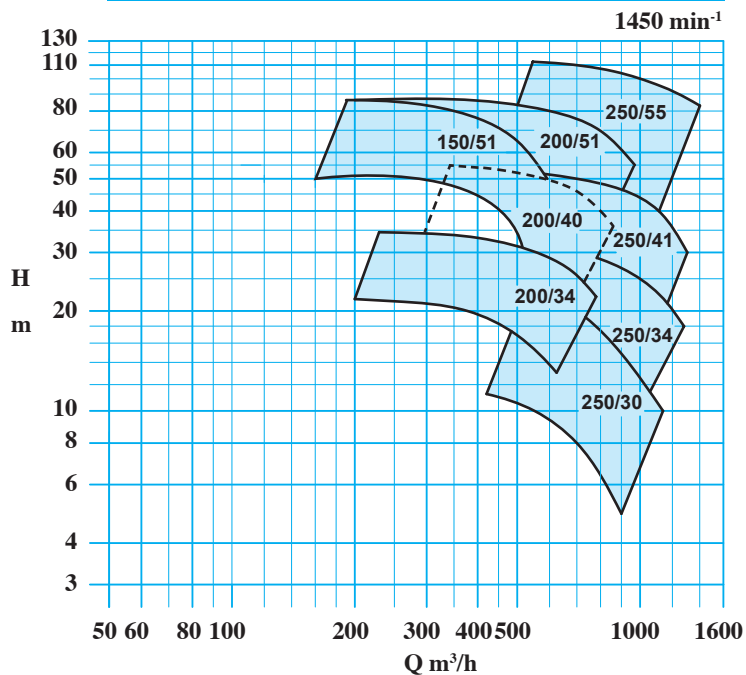
- Vertical centrifugal pump with robust bearings bracket.
- Construction with flexible coupling.
- Pump with high efficiency and low NPSH, consequently the pump has a great suction capacity.
- When it is needed the pump to be selfpriming a vacuum electropump, assembled to the main pump makes such function.

### Design:

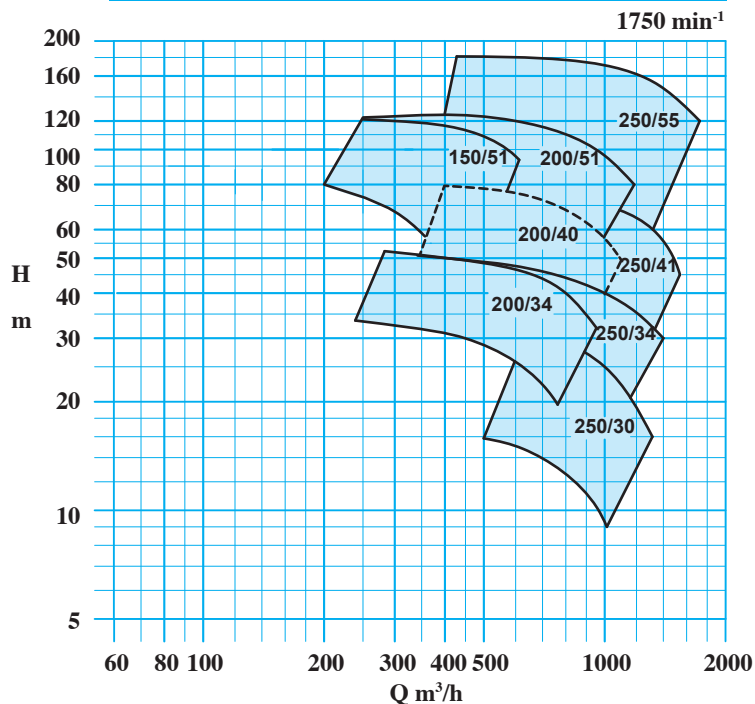
- Pompe centrifuge verticale avec robuste support à roulements.
- Montage avec accouplement flexible.
- Pompe avec un haut rendement et bas NPSH, qui fait a la pompe avoir une grande capacité d'aspiration.
- Quand per besoins d'installation faut que la pompe soit autoamorçante, une electropompe a vide fait cette fonction.



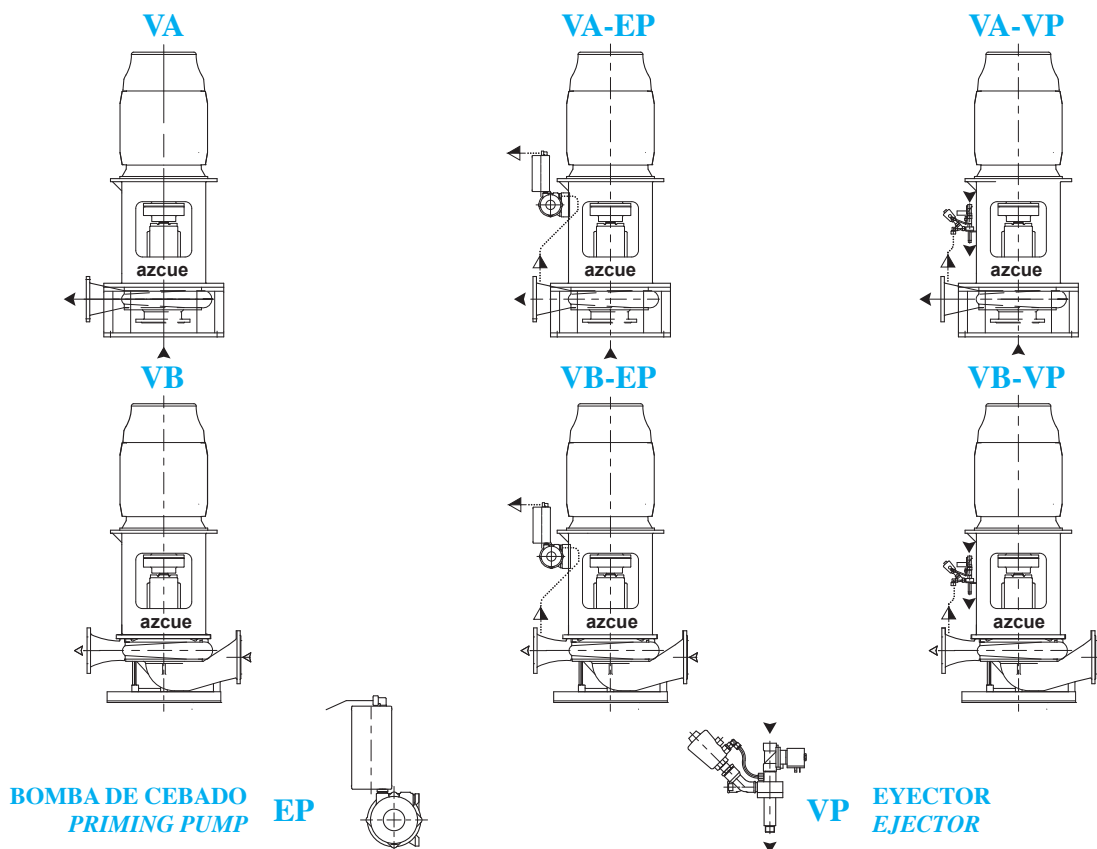
## 50 Hz



## 60 Hz



## Ejecuciones / Execution

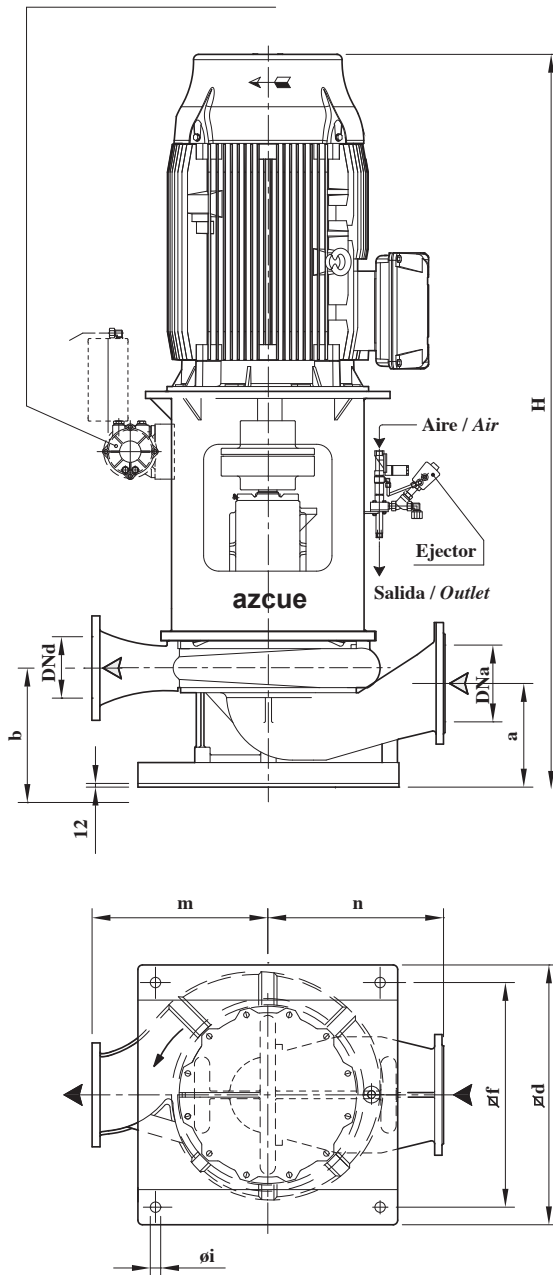




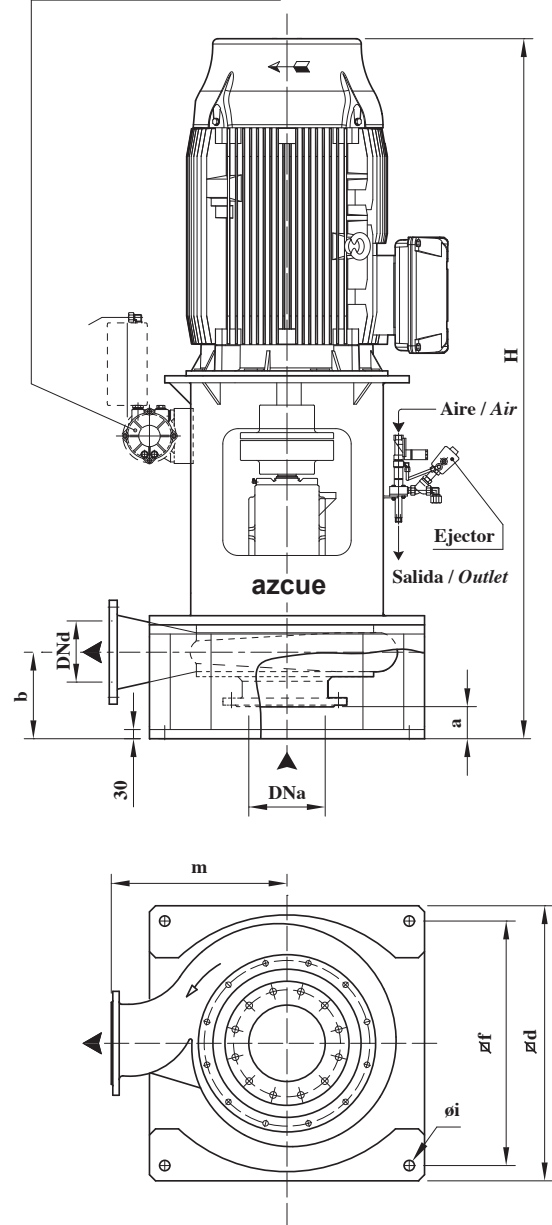
## Serie VB / VB Series

## Serie VA / VA Series

Electrobomba de cebado  
Self-priming electropump



Electrobomba de cebado  
Self-priming electropump



Ref. 394-VB-15051

| Tipo<br>Type | DNa          | DNd          | a   | b   | d    | f   | øi | m   | n   | H<br>max | kg.  |
|--------------|--------------|--------------|-----|-----|------|-----|----|-----|-----|----------|------|
| 150/51       | 200          | 150          | 335 | 435 | 850  | 735 | 34 | 500 | 550 | 2700     | 2350 |
| 200/34       | 250          | 200          | 338 | 438 | 750  | 635 | 34 | 475 | 575 | 2650     | 2050 |
| 200/40       | 250          | 200          | 388 | 488 | 750  | 635 | 34 | 525 | 575 | 2750     | 2200 |
| 200/51       | 250          | 200<br>Pn 16 | 338 | 438 | 850  | 735 | 34 | 575 | 575 | 2750     | 2350 |
| 250/34       | 300          | 250          | 450 | 550 | 850  | 735 | 34 | 525 | 580 | 2800     | 2550 |
| 250/41       | 300          | 250          | 400 | 550 | 1000 | 885 | 34 | 600 | 650 | 3100     | 2700 |
| 250/55       | 350<br>Pn 16 | 250<br>Pn 25 | 410 | 610 | 1000 | 885 | 34 | 580 | 650 | 3400     | 3400 |

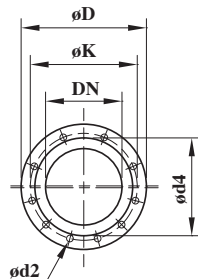
Ref. 398-VA-15051

| Tipo<br>Type | DNa          | DNd          | a   | b   | d    | f   | øi | m   | H<br>max | kg.  |
|--------------|--------------|--------------|-----|-----|------|-----|----|-----|----------|------|
| 150/51       | 200          | 150          | 105 | 283 | 900  | 800 | 34 | 500 | 2550     | 2300 |
| 200/34       | 250          | 200          | 70  | 283 | 850  | 750 | 34 | 475 | 2500     | 2100 |
| 200/40       | 250          | 200          | 65  | 283 | 900  | 800 | 34 | 525 | 2600     | 2300 |
| 200/51       | 250          | 200<br>Pn 16 | 105 | 283 | 900  | 800 | 34 | 575 | 2600     | 2400 |
| 250/34       | 300          | 250          | 100 | 345 | 900  | 800 | 34 | 525 | 2650     | 2600 |
| 250/41       | 300          | 250          | 100 | 280 | 900  | 800 | 34 | 600 | 2950     | 2750 |
| 250/55       | 350<br>Pn 16 | 200<br>Pn 25 | 100 | 345 | 1000 | 900 | 34 | 580 | 3450     | 3500 |

Aprox.

H  
max

kg.



| Dna<br>Dnd     | EN1092, Pn10 |     |     |     | Pn16 | Pn25 | Pn16 |
|----------------|--------------|-----|-----|-----|------|------|------|
|                | 150          | 200 | 250 | 300 | 200  | 250  | 350  |
| d <sub>4</sub> | 212          | 268 | 320 | 370 | -    | -    | -    |
| K              | 240          | 295 | 350 | 400 | 295  | 370  | 470  |
| D              | 285          | 340 | 395 | 445 | 340  | 425  | 520  |
| Nº             | 8            | 8   | 12  | 12  | 12   | 12   | 16   |
| d <sub>2</sub> | 22           | 22  | 22  | 22  | 22   | 30   | 27   |

Aprox.

H  
max

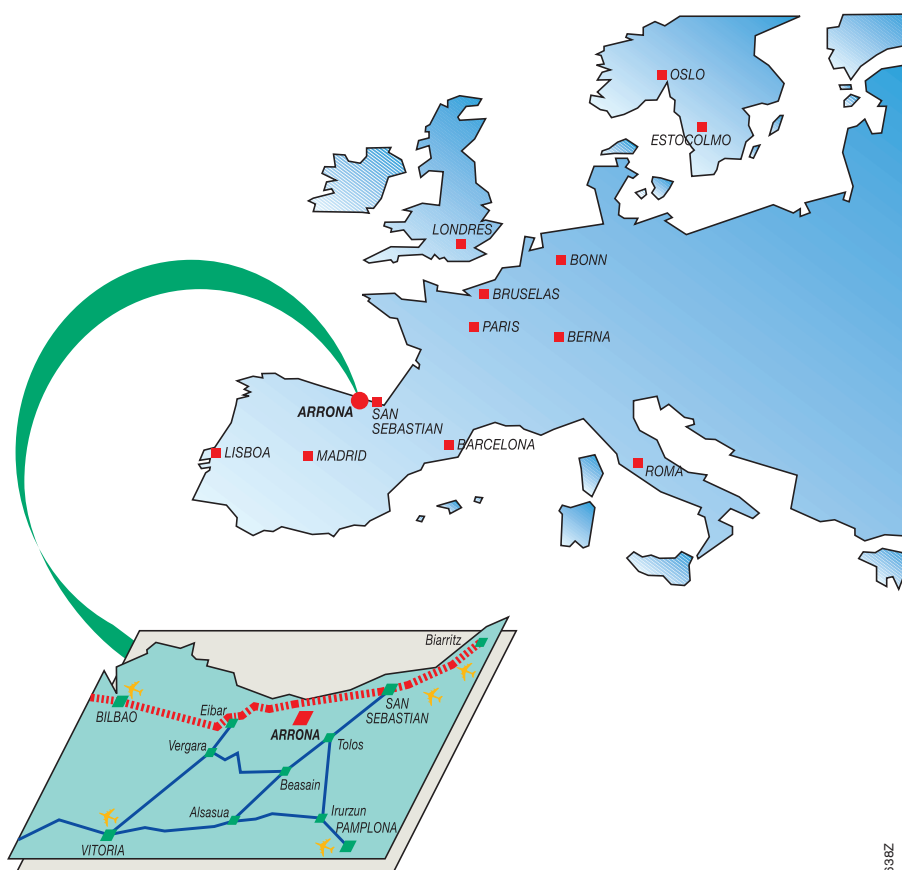
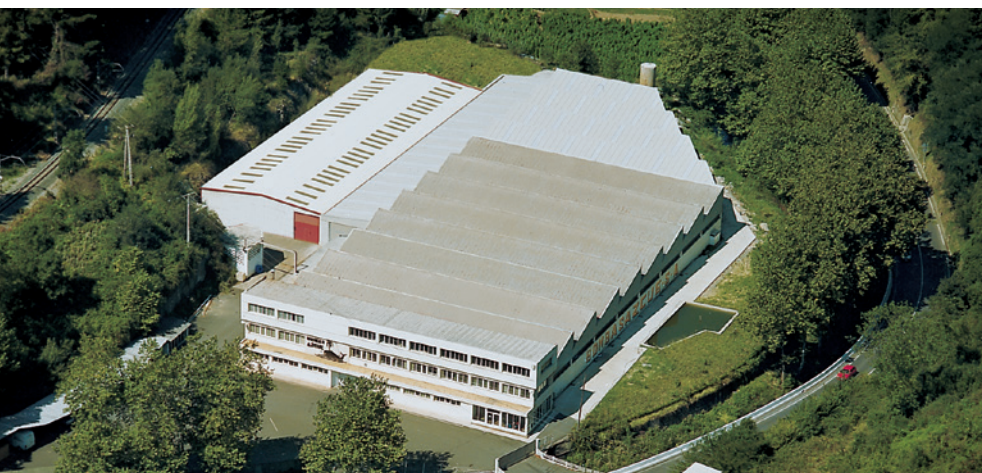
kg.



## Intercambiabilidad Interchangeability Interchangeabilite

| Denominación<br>Description<br>Denomination |        | Voluta<br>Volute casing<br>Volute | Tapa del cuerpo<br>Casing cover<br>Couvercle de corps | Eje<br>Shaft<br>Arbre | Rodete<br>Impeller<br>Roue | Rodamientos<br>Ball bearings<br>Roulements | Cierre mecánico<br>Mechanical seal<br>Garniture mécanique | Anillo desgaste<br>Wear ring<br>Bague d'usure | Anillo desgaste<br>Wear ring<br>Bague d'usure | Junta torica<br>O-ring<br>Joint torique | Tuerca rodete<br>Impeller nut<br>Ecrou roue |
|---------------------------------------------|--------|-----------------------------------|-------------------------------------------------------|-----------------------|----------------------------|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------|---------------------------------------------|
| Ref.                                        |        | 1112                              | 1221.2                                                | 2100                  | 2200                       | 3011.1-2                                   | 4200                                                      | 1500.1                                        | 1500.2                                        | 4610.1-2                                | 2912                                        |
| TIPO BOMBA / PUMP TYPE / BOMBE TYPE         | 150/51 | 1                                 | 1                                                     | 1                     | 1                          | 1                                          | 1                                                         | 1                                             | 1                                             | 1                                       | 1                                           |
|                                             | 200/34 | 2                                 | 2                                                     | 1                     | 2                          | 1                                          | 1                                                         | 2                                             | 2                                             | 2                                       | 1                                           |
|                                             | 200/40 | 3                                 | 3                                                     | 1                     | 3                          | 1                                          | 1                                                         | 2                                             | 2                                             | 3                                       | 1                                           |
|                                             | 200/51 | 4                                 | 4                                                     | 1                     | 4                          | 1                                          | 1                                                         | 2                                             | 2                                             | 1                                       | 1                                           |
|                                             | 250/34 | 5                                 | 5                                                     | 1                     | 5                          | 1                                          | 1                                                         | 3                                             | 4                                             | 2                                       | 1                                           |
|                                             | 250/41 | 6                                 | 6                                                     | 1                     | 6                          | 1                                          | 1                                                         | 5                                             | 6                                             | 3                                       | 1                                           |
|                                             | 250/55 | 7                                 | 7                                                     | 2                     | 7                          | 2                                          | 2                                                         | 7                                             | 7                                             | 4                                       | 2                                           |





pumps

bombas

**azcue**

pumpen

pompes

**FABRICA Y OFICINAS**  
**FACTORY AND HEAD OFFICE**

Tel.: +34 943 14 70 47\*  
Fax: +34 943 14 74 40  
E-mail: [comercial@azcuepumps.es](mailto:comercial@azcuepumps.es)  
ARRONA - (Guipúzcoa) Spain

**DIRECCION POSTAL**  
**P. O. BOX**

Apartado de Correos, 34  
20750 - ZUMAIA  
(Guipúzcoa) Spain

otzarreta AZC0136638Z