



Serie • Series

LD

BOMBAS SERIE LD

LD PUMPS SERIES

POMPES SERIE LD

**Sande Díaz**  
tecnologías del agua  
[www.sandeydiaz.com](http://www.sandeydiaz.com)



pumps

pumpen

**azcue**

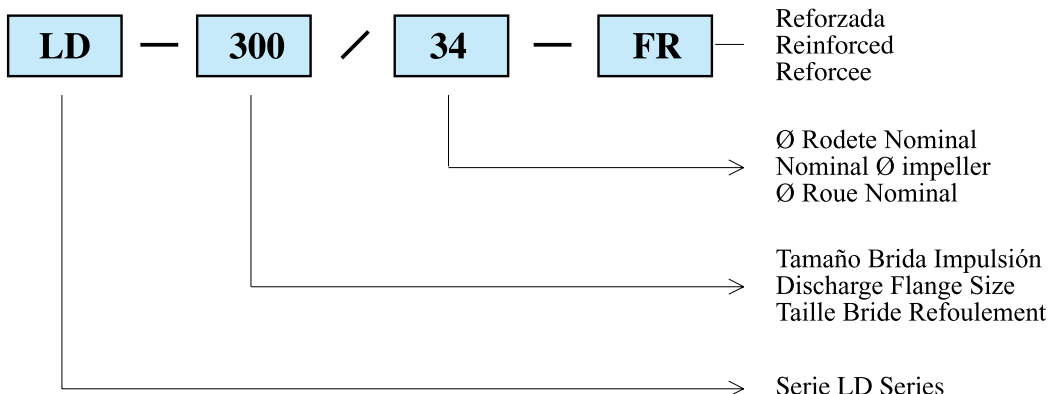
bombas

pompes





## Nomenclatura / Description / Den

[www.sandeydiaz.com](http://www.sandeydiaz.com)


## Materiales / Materials / Materiaux

|                                                       |                                                 |                 |
|-------------------------------------------------------|-------------------------------------------------|-----------------|
| Voluta<br>Volute casing<br>Volute                     | Hierro fundido / Cast Iron / Fonte              | Bronce / Bronze |
| Rodete<br>Impeller<br>Roue                            | Bronce / Bronze                                 |                 |
| Tapa del cuerpo<br>Casing cover<br>Couvercle de corps | Bronce / Bronze                                 |                 |
| Eje<br>Shaft<br>Arbre                                 | Acero Inoxidable / Stainless Steel / Acier Inox |                 |

## Diseño

- Bomba centrífuga IN-LINE con doble aspiración y doble voluta.
- Robusto diseño con 2 rodamientos de bolas lubricados por grasa (no en contacto con el líquido bombeado).
- Acoplamiento flexible.
- Autocebado mediante electrobomba de vacío.
- NPSH bajo y rendimiento alto.

## Design

- IN-LINE vertical suction, double volute centrifugal pump.
- Robust design with 2 grease lubricated ball bearings (not in contact with pumped liquid).
- Flexible coupling.
- Priming by vacuum electropump.
- Low NPSH & high efficiency.

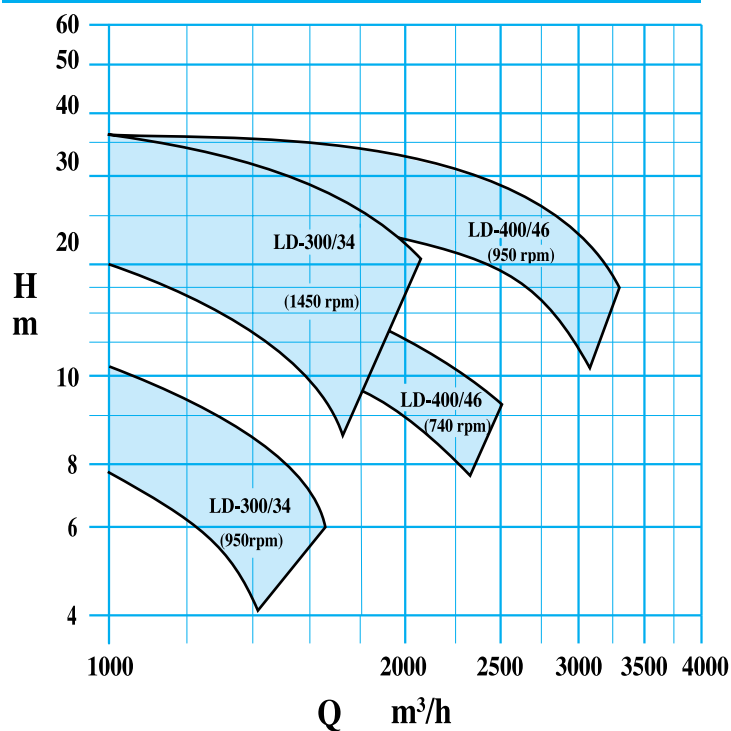
## Conception

- Pompe centrifuge verticale en ligne aspiration à double volute.
- Construction renforcée avec deux roulements à billes lubrifiés à la graisse (sans contact avec le liquide pompé).
- Accouplement élastique.
- Amorçage avec électropompe à vide.
- NPSH faible et rendement élevé.

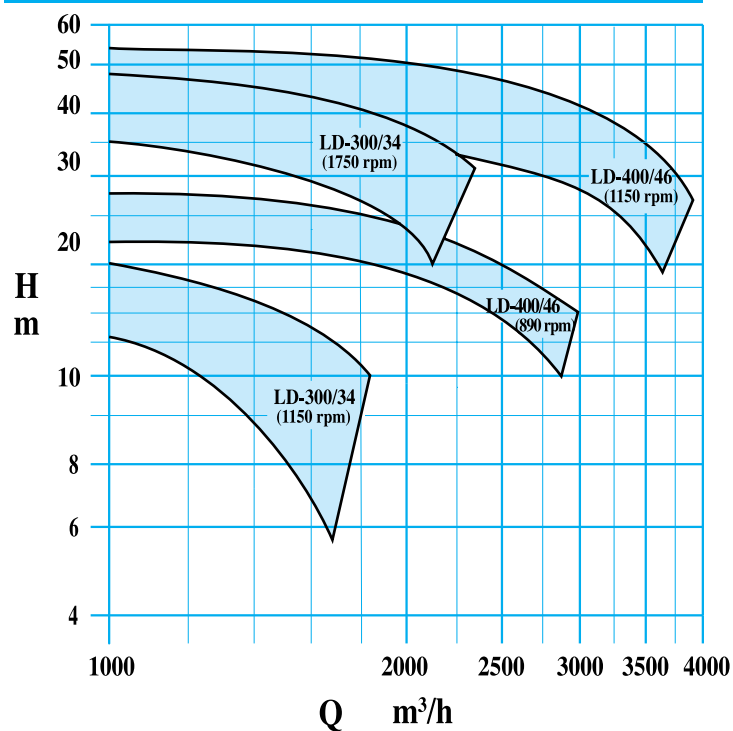
## Intercambiabilidad / Interchangeability / Interchangeabilite

| Denominación<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>Roue<br>Impeller | Rodamientos<br>Ball Bearings<br>Roulements | Cierre mecánico<br>Mechanical seal<br>Garniture mécanique | Anillo desgaste<br>Cover wear ring<br>Bague d'usure | Anillo desgaste<br>Cover wear ring<br>Bague d'usure | Junta plana<br>Gasket<br>Joint plat | Tuerca rodete<br>Impeller nut<br>Ecrou roue |
|---------------------------------------|-----------------------------------|-------------------------------------------------------|-----------------------|----------------------------|--------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-------------------------------------|---------------------------------------------|
| Ref.                                  | 1112                              | 1221.1                                                | 2100                  | 2200                       | 3011.1-2                                   | 4200                                                      | 1500.1                                              | 1500.2                                              | 4590.1                              | 2912                                        |
| Tipo bomba<br>Pump type<br>Pompe type | 300/34                            | 1                                                     | 1                     | 1                          | 1                                          | 1                                                         | 1                                                   | 1                                                   | 1                                   | 1                                           |
|                                       | 300/34-R                          | 1                                                     | 1                     | 1                          | 2                                          | 1                                                         | 1                                                   | 1                                                   | 1                                   | 1                                           |
|                                       | 400/46                            | 2                                                     | 2                     | 2                          | 3                                          | 2                                                         | 1                                                   | 2                                                   | 2                                   | 2                                           |

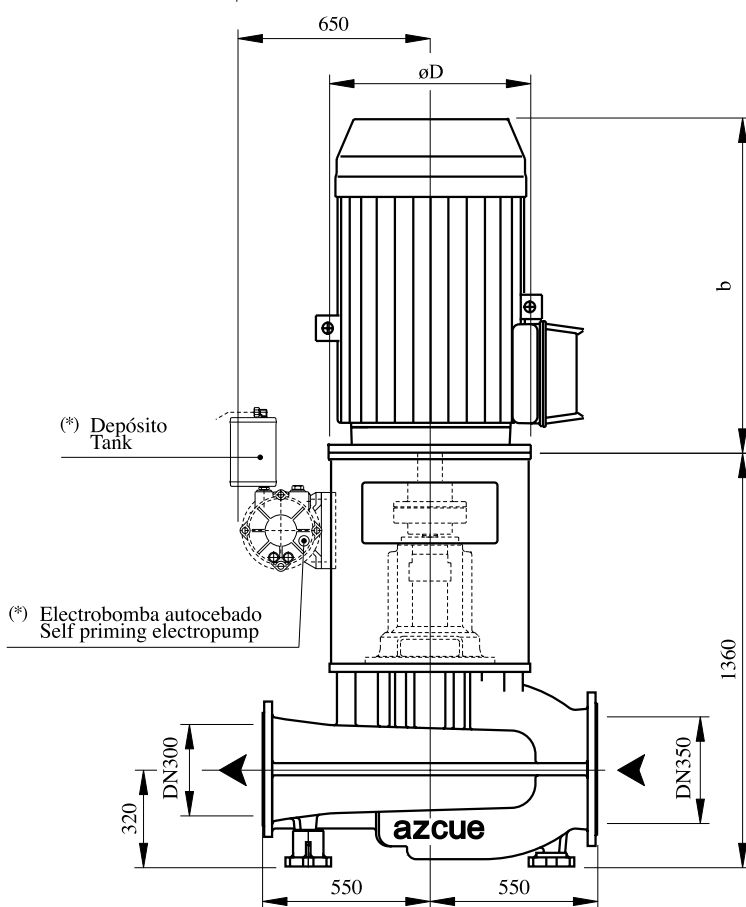
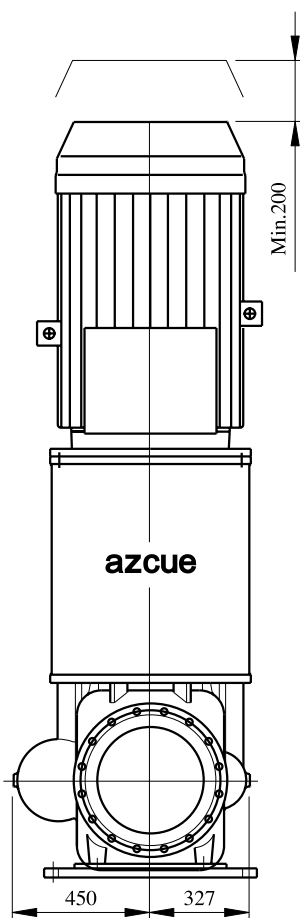
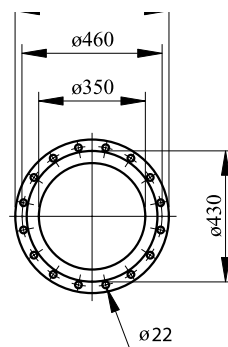
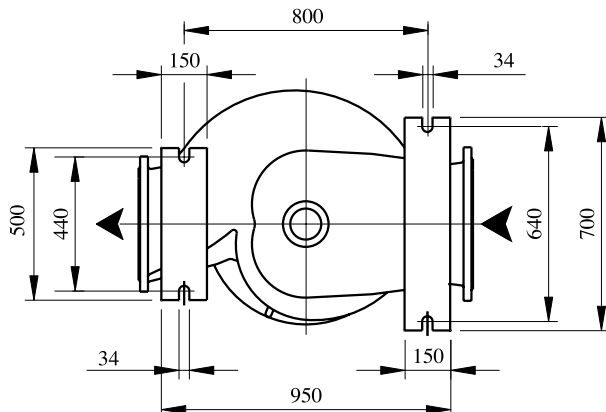
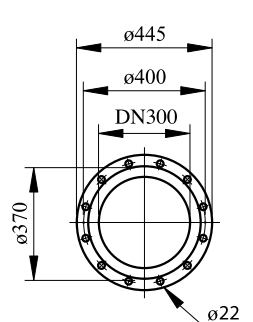
## 50 Hz



## 60 Hz



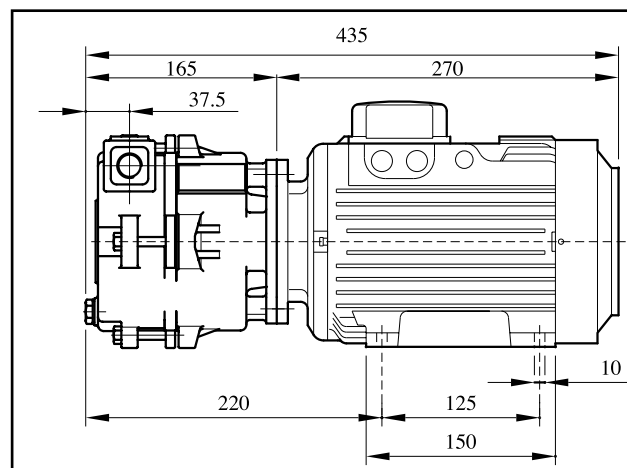
## LD 300/34



(\*) Opcional bomba de cebado y depósito / Optional priming pump &amp; tank

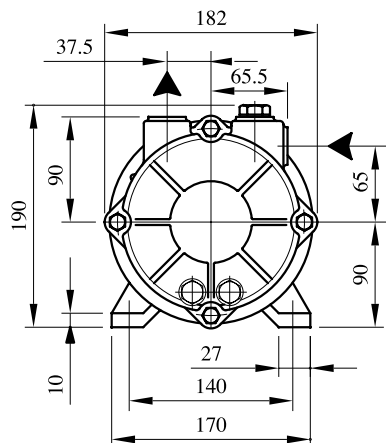
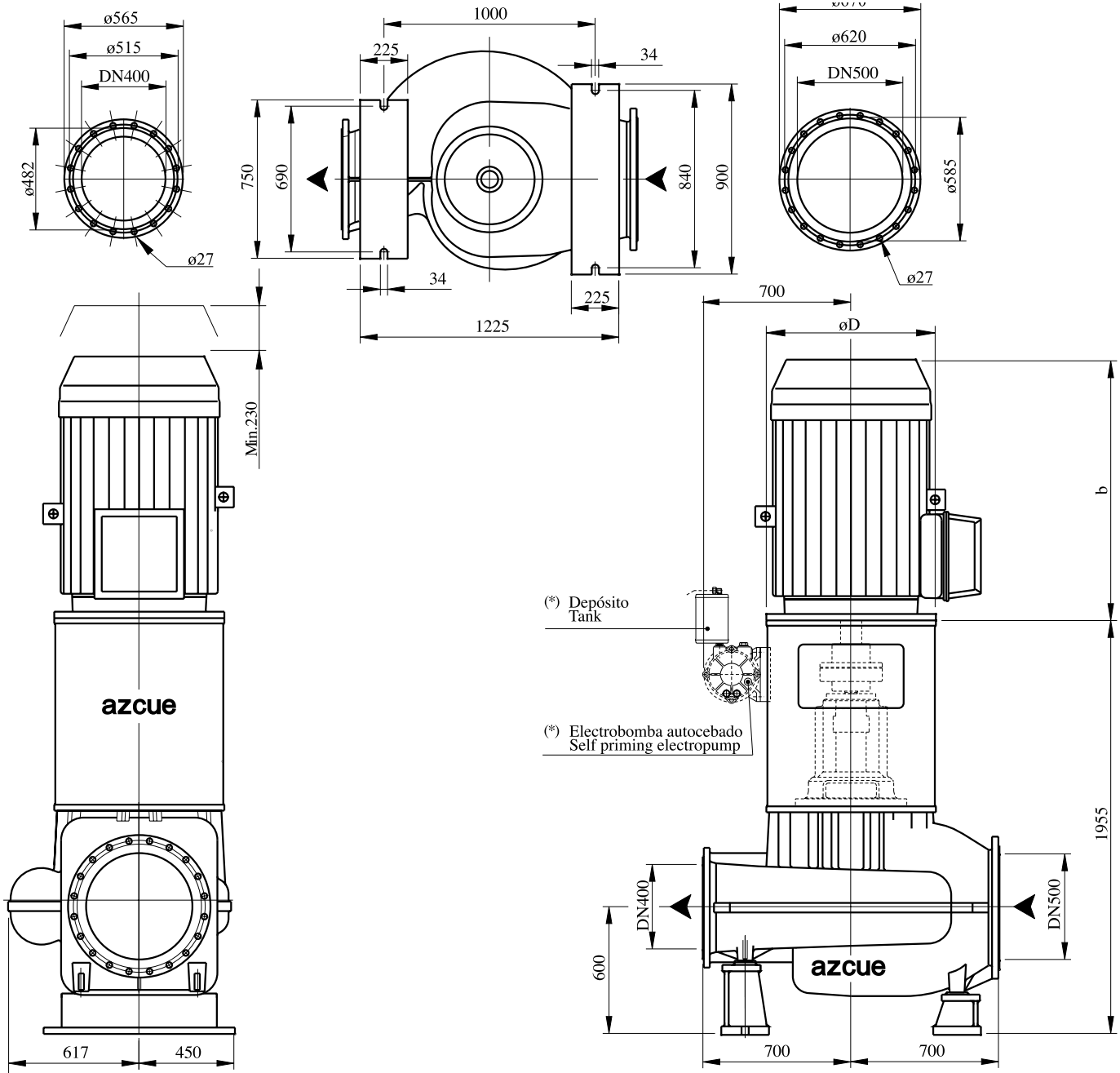
| Tipo<br>Type | Motor / Moteur  |                 |                 |                 | ØD  | b    | kg.  |
|--------------|-----------------|-----------------|-----------------|-----------------|-----|------|------|
|              | R.p.m. / t/min. | R.p.m. / t/min. | R.p.m. / t/min. | R.p.m. / t/min. |     |      |      |
|              | 950             | 1.150           | 1.450           | 1.750           |     |      |      |
| 280SA        | 45              | 52              | 75              | 86              | 550 | 900  | 1600 |
| 280SMA       | 55              | 63              | 90              | 103             | 550 | 1000 | 1650 |
| 315SA        | 75              | 86              | 110             | 126             | 660 | 1000 | 1850 |
| 315SMA       | 90              | 103             | 132             | 152             | 660 | 1100 | 1880 |
| 315MB        | 110             | 126             | 160             | 185             | 660 | 1100 | 2100 |
| 315LA        | 132             | 152             | 200             | 230             | 660 | 1150 | 2200 |
| 355MA        | 160             | 185             | 250             | 285             | 800 | 1250 | 2600 |

Sujeto a cambios / Subject to alterations / Sujet a des modifications



Bomba de autocebado independiente

## LD 400/46



Independent priming pump

**Main Features****Pump**

Liquid ring type, with high suction capacity

**Motor**

IP55 protection, IEC standard  
 50 Hz: 2.2 Kw, (3 HP)  
 60 Hz: 2.5 Kw, (3.4 HP)

(\*) Opcional bomba de cebado y depósito / Optional priming pump & tank

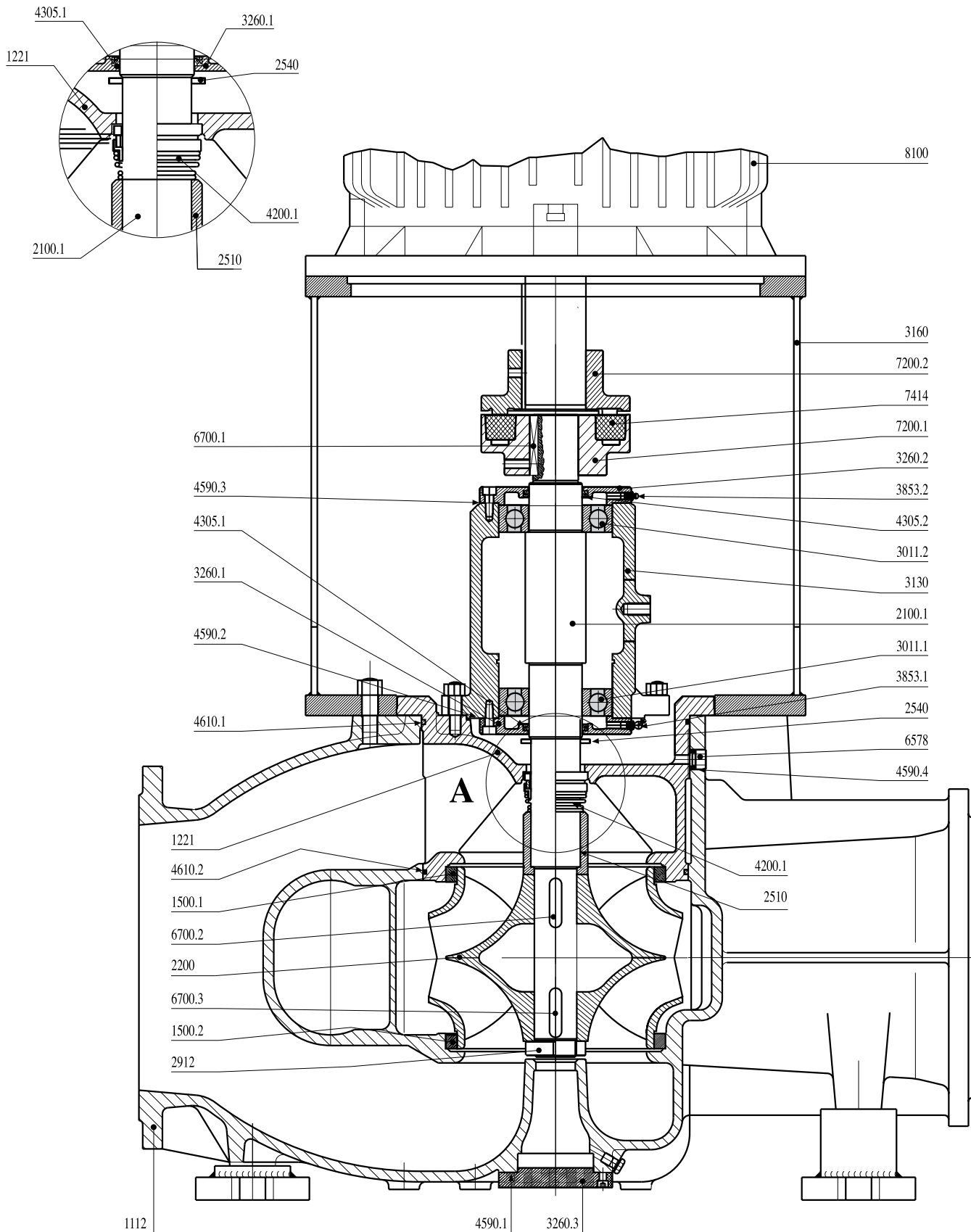
| Tipo<br>Type | Motor / Moteur  |                 |                 |                 | ØD  | b    | kg.  |
|--------------|-----------------|-----------------|-----------------|-----------------|-----|------|------|
|              | R.p.m. / t/min. | R.p.m. / t/min. | R.p.m. / t/min. | R.p.m. / t/min. |     |      |      |
| 315SMA       | 75              | 86              | 90              | 103             | 660 | 1100 | 2475 |
| 315MB        | 90              | 103             | 110             | 126             | 660 | 1100 | 2575 |
| 315LA        | 110             | 126             | 132             | 152             | 660 | 1150 | 2675 |
| 355MA        | 132             | 152             | 160             | 185             | 800 | 1250 | 3030 |
| 355MB        | 160             | 185             | 200             | 230             | 800 | 1310 | 3250 |
| 355LKD       | 200             | 230             | 250             | 285             | 800 | 1450 | 3600 |

Sujeto a cambios / Subject to alterations / Sujet a des modifications



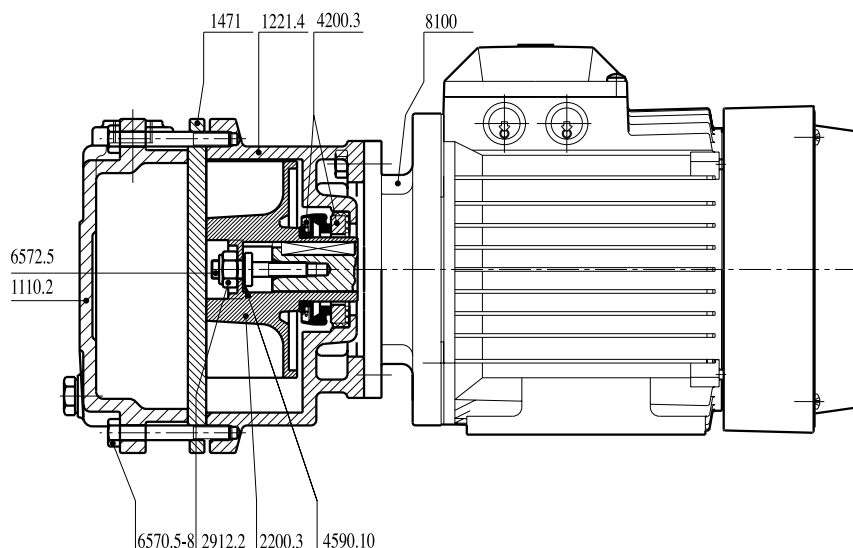
## Serie LD Series

Detalle A Detail



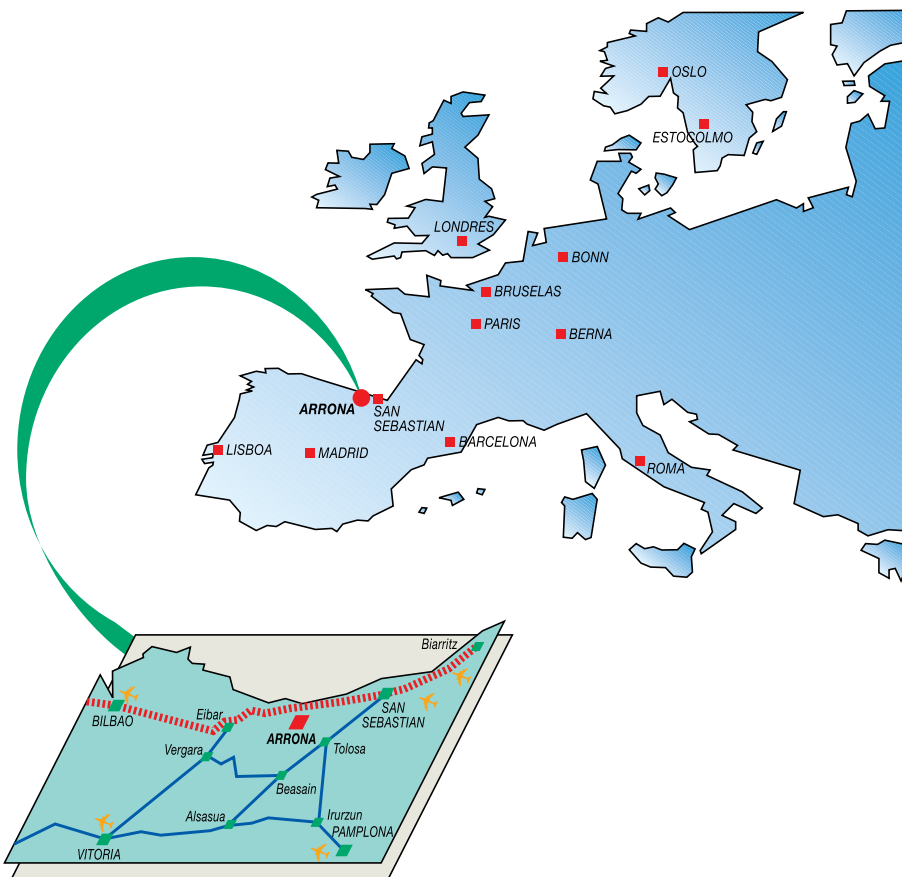
| Denominación / Description / Denomination                                     | Ref.     |
|-------------------------------------------------------------------------------|----------|
| Cuerpo de bomba / Pump casing / Corps de pompe                                | 1110.2   |
| Voluta / Voluta casing / Volute                                               | 1112     |
| Tapa del cuerpo / Casing cover / Couvercle                                    | 1221     |
| Tapa del cuerpo / Casing cover / Couvercle                                    | 1221.4   |
| Pared intermedia / Interstage plate / Cloison intermédiaire                   | 1471     |
| Anillo de desgaste / Casing wear ring / Bague d'usure                         | 1500.1   |
| Anillo de desgaste / Casing wear ring / Bague d'usure                         | 1500.2   |
| Eje / Shaft / Arbre                                                           | 2100     |
| Rodete / Impeller / Roue                                                      | 2200     |
| Rodete / Impeller / Roue                                                      | 2200.3   |
| Anillo distanciador / Spacer ring / Bague entretoise                          | 2510     |
| Deflector / Thrower / Deflecteur                                              | 2540     |
| Tuerca de bloqueo del rodete / Impeller nut / Écrou de blocage roue           | 2912     |
| Tuerca de bloqueo del rodete / Impeller nut / Écrou de blocage roue           | 2912.2   |
| Rodamiento radial de bolas / Radial ball bearing / Roulement à billes         | 3011.1-2 |
| Cuerpo del soporte doble / Bearing bracket / Corps de palier                  | 3130     |
| Linterna soporte del motor / Motor stool / Lanterne-support de moteur         | 3160     |
| Tapa del soporte / Bearing cover / Couvercle de palier                        | 3260.1-2 |
| Tapa del soporte / Bearing cover / Couvercle de palier                        | 3260.3   |
| Racor de engrase / Grease nipple / Graisseur                                  | 3853     |
| Retén mecánico / Mechanical seal / Garniture mecanique                        | 4200.1   |
| Retén mecánico / Mechanical seal / Garniture mecanique                        | 4200.3   |
| Anillo de estanqueidad del eje / Shaft seal ring / Bague d'étancheité d'arbre | 4305.1-2 |
| Junta plana / Gasket / Joint plat                                             | 4590.1   |
| Junta plana / Gasket / Joint plat                                             | 4590.2-3 |
| Junta plana / Gasket / Joint plat                                             | 4590.-4  |
| Junta plana / Gasket / Joint plat                                             | 4590.10  |
| Junta tórica / O-ring / Joint torique                                         | 4610.1   |
| Junta tórica / O-ring / Joint torique                                         | 4610.2   |
| Tornillo / Screw / Vis                                                        | 6570.5-8 |
| Espárrago / Stud / Goujon filete                                              | 6572.5   |
| Tapón roscado / Threaded plug / Bouchon filete                                | 6578     |
| Chaveta / Key / Clavette                                                      | 6700.1   |
| Chaveta / Key / Clavette                                                      | 6700.2-3 |
| Semi-acoplamiento / Coupling half / Demi-accouplement                         | 7200.1   |
| Semi-acoplamiento / Coupling half / Demi-accouplement                         | 7200.2   |
| Amortiguador del acoplamiento / Coupling bush / Garniture de broche           | 7414     |
| Motor / Moteur                                                                | 8100     |

## Bomba de autocebado independiente / Independent priming pump



N. VAC4-344-M





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