



## CEP BIG

### Centrifugal Pumps BIG Series

#### Pump Applications

The CEP BIG Series can be used to pump clean water without any abrasive particles or any other liquid with similar properties to water. The CEP BIG series is recommended for, residential, agricultural and commercial irrigation systems, air conditioning units, water recirculation, boosting systems and industrial applications.

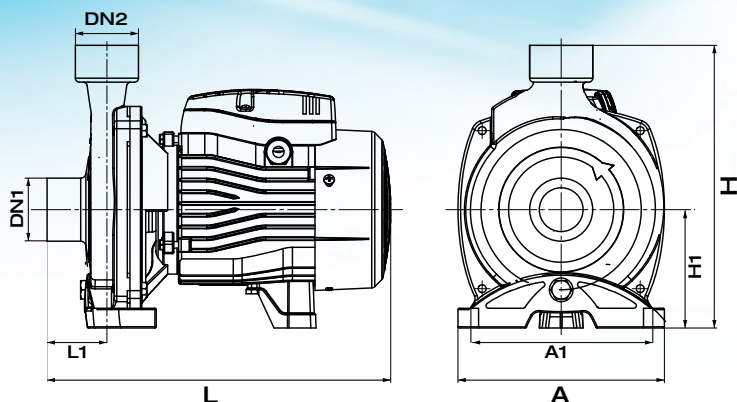
#### Pump features

- Cast iron pump body
- Cast iron motor bracket
- Aluminum motor bracket for 5 hp
- Brass closed impeller
- Motor shaft in stainless steel AISI 304
- Maximum liquid temperature of 60°C
- Maximum suction lift of 8 m
- Mechanical seal in ceramic and graphite, with elastomer in NBR



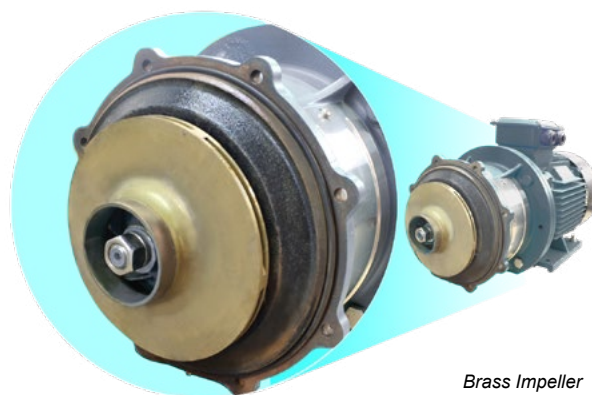
#### Motor features

- Close-coupled TEFC motor with copper windings
- Insulation class F
- IP 44 protection
- Maximum ambient temperature of 40°C
- Single phase, 230V, 60 Hz, 3450 rpm available for 5 hp only
- Three phase, 60 Hz, 3450 rpm, 230 V or 230/460 V
- 50 Hz or other voltages available upon special request



#### Pump dimensions

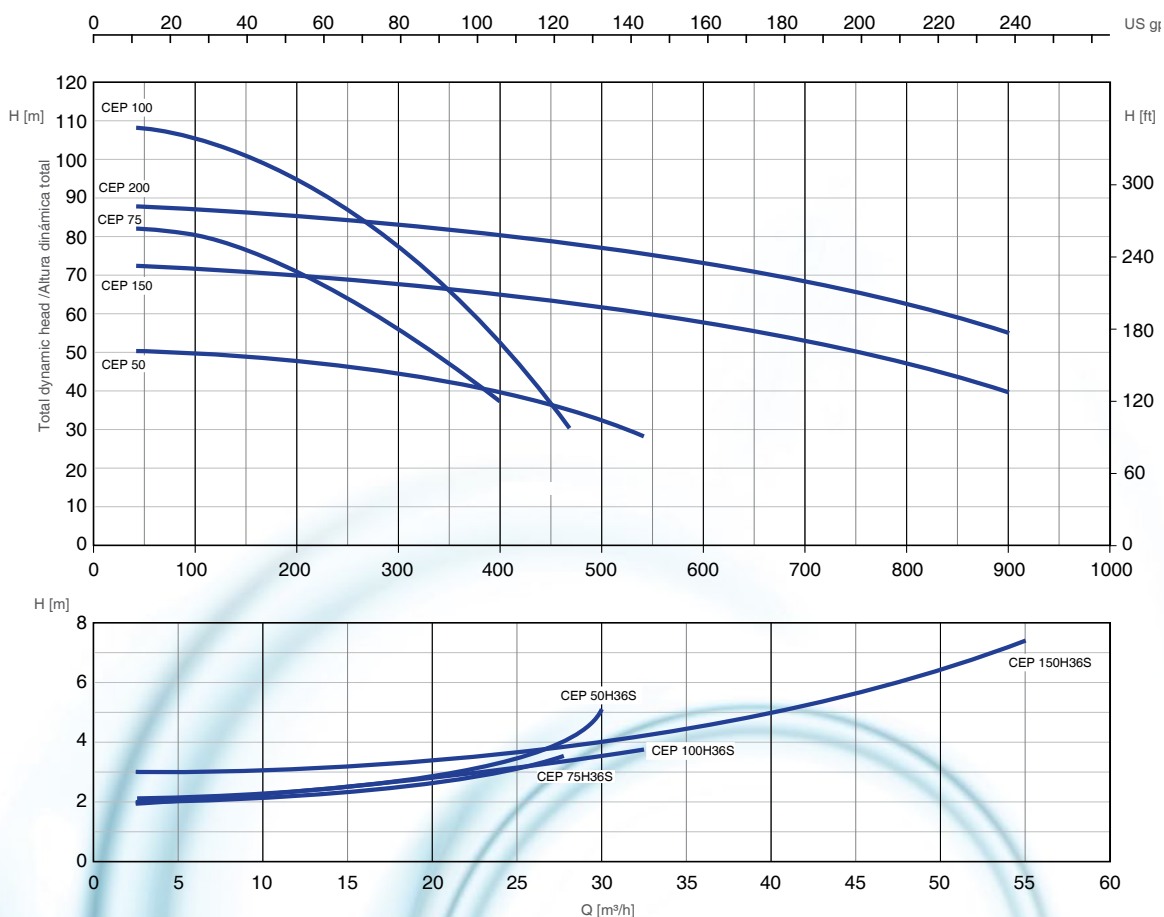
| MODEL   | DIMENSIONS |     |        |        |        |         |         |
|---------|------------|-----|--------|--------|--------|---------|---------|
|         | DN1        | DN2 | L [mm] | A [mm] | H [mm] | L1 [mm] | H1 [mm] |
| CEP 50  | 2"         | 2"  | 521    | 292    | 330    | 76      | 127     |
| CEP 75  | 2"         | 2"  | 570    | 308    | 370    | 137     | 160     |
| CEP 100 | 2"         | 2"  | 591    | 308    | 370    | 137     | 160     |
| CEP 150 | 2"         | 2"  | 787    | 322    | 412    | 93      | 160     |
| CEP 200 | 2"         | 2"  | 787    | 322    | 412    | 93      | 160     |



Brass Impeller

# Above Ground Pumps CEP BIG Series

## Curve and Performance Data



## Performance Data

| MODEL                             | POWER |     | FLOW  |     |     |      |      |     |     |     |     |     |     |
|-----------------------------------|-------|-----|-------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|
|                                   |       |     | m³/hr | 0   | 6   | 12   | 18   | 24  | 30  | 36  | 42  | 48  | 54  |
|                                   | kW    | HP  | l/min | 0   | 100 | 200  | 300  | 400 | 500 | 600 | 700 | 800 | 900 |
| TOTAL MANOMETRIC HEIGHT IN METERS |       |     |       |     |     |      |      |     |     |     |     |     |     |
| CEP 50                            | 3.7   | 5.0 | 49    | 48  | 46  | 43.5 | 39.5 |     |     |     |     |     |     |
| CEP 75                            | 5.5   | 7.5 | 82    | 80  | 70  | 56   | 37   |     |     |     |     |     |     |
| CEP 100                           | 7.5   | 10  | 108   | 105 | 95  | 77   | 52   |     |     |     |     |     |     |
| CEP 150                           | 11    | 15  | 72    | 71  | 70  | 68   | 65   | 61  | 58  | 52  | 47  | 40  |     |
| CEP 200                           | 15    | 20  | 88    | 87  | 85  | 82   | 80   | 78  | 73  | 68  | 62  | 55  |     |

## Packaging Information

| MODEL   | DIMENSIONS |        |        | WEIGHT |
|---------|------------|--------|--------|--------|
|         | L [mm]     | A [mm] | H [mm] |        |
| CEP 50  | 515        | 330    | 410    | 50     |
| CEP 75  | 650        | 375    | 440    | 77     |
| CEP 100 | 650        | 375    | 440    | 83     |
| CEP 150 | 910        | 405    | 580    | 165    |
| CEP 200 | 910        | 405    | 580    | 178    |

