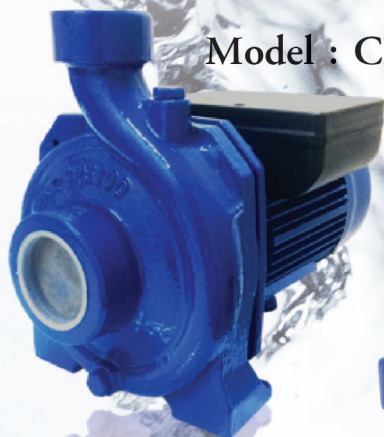


Single impeller centrifugal pumps manufactured in cast iron, suitable for pressure boosting of water for irrigation, and non-aggressive liquids for civil and industrial uses.
CRE series is fitted with an open impeller for suspended solids handling.



Model : CPE



Model : CSE



Model : CRE



Model : CFE

SPECIFICATIONS

- * Maximum working pressure:
6 bar for CPE 100-150-200-300
- * Maximum liquid temperature:
45°C for CPE 100
80°C for other models

TECHNICAL DATA

- * T.E.F.C. 2 poles motor
- * Insulation class F
- * Protection degree IP55
- 1Ø220V 50Hz, available up to 2.2 kW.
- 3Ø220V/380V 50Hz up to 2.2 kW.
- Other voltages available on request.

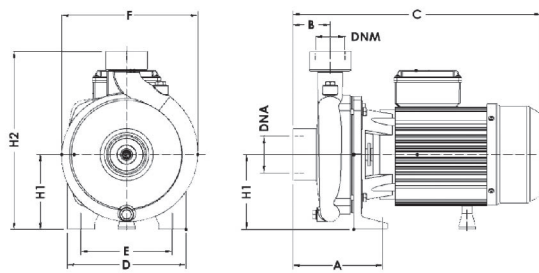
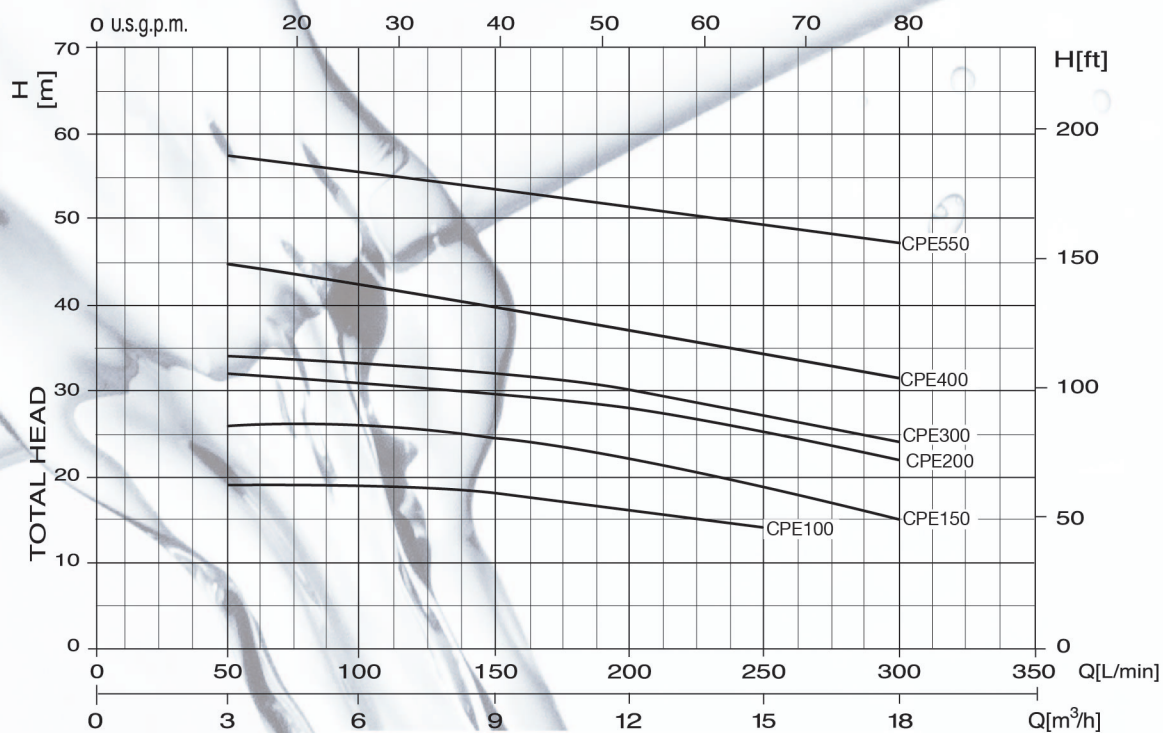
MATERIALS

- * Pump body in cast iron
- * Mechanical seal in carbon/ceramic/NBR
- * Impeller: - Cast iron, closed type (option : bronze impeller, at extra price)
- Open Impeller for CRE-100
(passage of solids: max. dia. 8 mm)
- in noryl for CFE 80-100-150-200-300
- * Shaft: - in stainless steel
- * Bracket: - in cast iron for all models

SERIES CPE SINGLE IMPELLER CENTRIFUGAL PUMPS

| MOD | POWER | | ABSORBED AMP | | | Q=DELIVERY | | | | | | |
|---------|-------|------|--------------|--------|--------|------------|----|-----|-----|-----|-----|-----|
| | HP | KW | 230V-M | 230V-T | 400V-T | M3/H | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | | | | LT/MIN | 50 | 100 | 150 | 200 | 250 | 300 |
| CPE/100 | 1 | 0.75 | 6 | 4 | 2.3 | H=MT | 19 | 19 | 18 | 16 | 14 | |
| CPE/150 | 1.5 | 1.1 | 9.5 | 4.8 | 3 | | 26 | 26 | 24 | 22 | 19 | 15 |
| CPE/200 | 2 | 1.5 | 12 | 6.4 | 3.8 | | 32 | 31 | 29 | 27 | 25 | 22 |
| CPE/300 | 3 | 2.2 | 14 | 9.2 | 5.2 | | 34 | 33 | 32 | 30 | 27 | 24 |
| CPE/400 | 4 | 3 | - | 14 | 8 | | 45 | 44 | 43 | 40 | 36 | 32 |
| CPE/550 | 5.5 | 4 | - | 17 | 10 | | 57 | 56 | 55 | 53 | 50 | 47 |

PERFORMANCE CURVES CPE
(according to ISO 9906 grade 2)



| TYPE | DIMENSION IN mm. | | | | | | | SUCTION | DISCHARGE | WEIGHT | |
|---------|------------------|----|-----|-----|-----|-----|-----|---------|-----------|--------|------|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | Kg |
| CPE/100 | 105 | 50 | 343 | 180 | 140 | 188 | 100 | 250 | 2" | 1-1/4" | 19 |
| CPE/150 | 105 | 50 | 375 | 180 | 140 | 188 | 100 | 250 | 2" | 1-1/4" | 22 |
| CPE/200 | 115 | 58 | 385 | 200 | 160 | 210 | 110 | 270 | 2" | 1-1/4" | 25 |
| CPE/300 | 115 | 58 | 410 | 200 | 160 | 210 | 110 | 270 | 2" | 1-1/4" | 26.5 |
| CPE/400 | 126 | 60 | 440 | 240 | 190 | 247 | 132 | 332 | 2" | 1-1/4" | 35 |
| CPE/550 | 126 | 60 | 460 | 240 | 190 | 247 | 132 | 332 | 2" | 1-1/4" | 38 |