

CENTRIFUGAL PUMPS – TWIN IMPELLER in cast iron

Twin impeller centrifugal pumps with hydraulic parts manufactured from cast iron, suitable for irrigation and non-aggressive liquids for civil and industrial uses.



SPECIFICATIONS

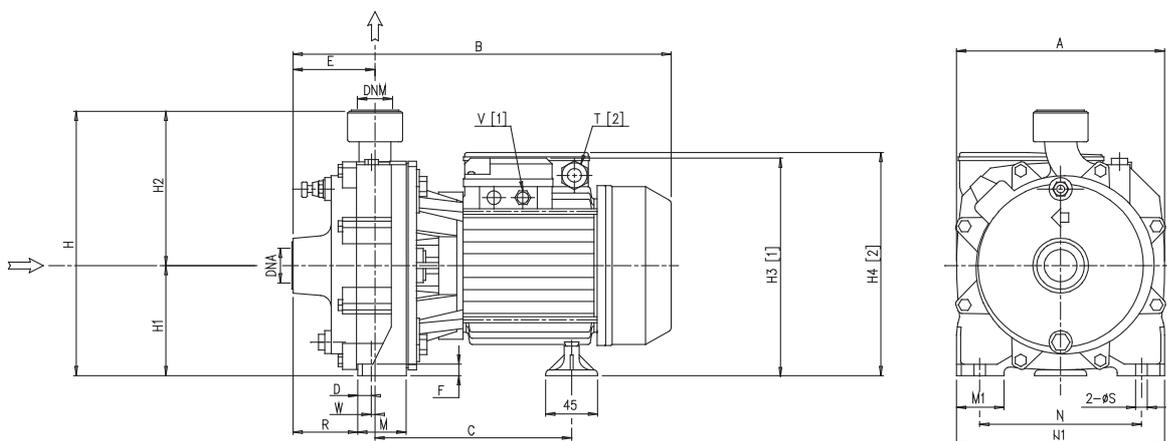
- Maximum working pressure :
6 bar for CDA 0.75-1.00,
10 bar for other models
- Maximum liquid temperature :
40°C for CDA 0.75 - 1.00
90°C for the other models

TECHNICAL DATA

- T.E.F.C. 2 pole motor
- Insulation: Class F
- Protection degree: IP44
- 1~230V ± 10% 50Hz,
3~230/400V ± 10% 50Hz
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version

MATERIALS

- Pump body in cast iron
- Mechanical seal in carbon/ceramic/NBR
- Impeller : In technopolymer for CDA 0.75-1.00
In brass for the other models
- Shaft : In AISI 303 for CDA 1.50-2.00-3.00
In AISI 304 for CMB 4.00-5.50
In AISI 416 for the other models
- Bracket : In aluminium for CDA 0.75-1.00
In cast iron for the other models
- Casing Cover : In AISI 304 for CDA 0.75-1.00
In cast iron for the other models



DIMENSIONAL TABLE

| Pump type | | Dimensions (mm) | | | | | | | | | | | | | | | | | | | Weight Kg | | | |
|--------------|-------------|-----------------|-------|-------|-----|------|----|-------|-------|-----|-------|-----|----|----|-----|-----|------|--------|---------|------|--------------|---------|---------|------|
| | | A | B | C | D | E | F | H | H1 | H2 | H3 | H4 | M | M1 | N | N1 | R | T | V | W | | S | DNA | DNM |
| Single-phase | Three-phase | | | | | | | | | | 1- | 3- | | | | | | 1- | 3- | | | | | |
| CDA 0.75 M | CDA 0.75 T | 183 | 336.3 | 179.8 | 8.3 | 73 | 9 | 227 | 97 | 130 | 197.5 | 198 | 42 | 40 | 140 | 180 | 57.5 | PG11 | PG11 | 6.8 | 9.5 | G 1 | G 1 | 13.5 |
| CDA 1.00 M | CDA 1.00 T | 183 | 336.3 | 179.8 | 8.3 | 73 | 9 | 227 | 97 | 130 | 197.5 | 198 | 42 | 40 | 140 | 180 | 57.5 | PG11 | PG11 | 6.8 | 9.5 | G 1 | G 1 | 15.0 |
| CDA 1.50 M | CDA 1.50 T | 209 | 394.8 | 218.3 | 8.3 | 86 | 9 | 265 | 110 | 155 | 224 | 242 | 48 | 40 | 155 | 195 | 65.5 | PG13.5 | PG11 | 12.3 | 9.5 | G 1 1/4 | G 1 | 25.0 |
| CDA 2.00 M | CDA 2.00 T | 209 | 410.8 | 218.3 | 8.3 | 86 | 9 | 265 | 110 | 155 | 224 | 242 | 48 | 40 | 155 | 195 | 65.5 | PG13.5 | PG11 | 12.3 | 9.5 | G 1 1/4 | G 1 | 27.0 |
| - | CDA 3.00 T | 194 | 410.8 | 218.3 | 8.3 | 86 | 9 | 265 | 110 | 155 | 224 | - | 48 | 40 | 155 | 195 | 65.5 | - | PG11 | 12.3 | 9.5 | G 1 1/4 | G 1 | 27.0 |
| - | CDA 4.00 T | 228 | 467.3 | 225.3 | 12 | 95.5 | 12 | 308.5 | 133.5 | 175 | 264.5 | - | 57 | 50 | 180 | 230 | 71.5 | - | G 1 1/2 | 12 | 12 | G 1 1/2 | G 1 1/4 | 42.5 |
| - | CDA 5.50 T | 228 | 467.3 | 225.3 | 12 | 95.5 | 12 | 308.5 | 133.5 | 175 | 264.5 | - | 57 | 50 | 180 | 230 | 71.5 | - | G 1 1/2 | 12 | 12 | G 1 1/2 | G 1 1/4 | 46.3 |

