

LOURA DAOUD

طلمبات لورا داود pumps



Self-priming centrifugal monobloc Electropump for water systems

Applications

- ▶ Water supply and distribution on domestic mains either at continuous or intermittent duty.
- ▶ Domestic pressure boosting and small irrigation systems .
- ▶ Pool and tank emptying and general clean water pumping.
- ▶ Washing and transfer , gardens , fountains.

Motor

- ▶ Totally enclosed motor, externally ventilated.
- ▶ Protection degree IP 44.
- ▶ Insulation class F.
- ▶ 2850 RPM, 220 V, 50Hz, with capacitor permanently on and built-in Thermo-ampometric protection.

Specifications

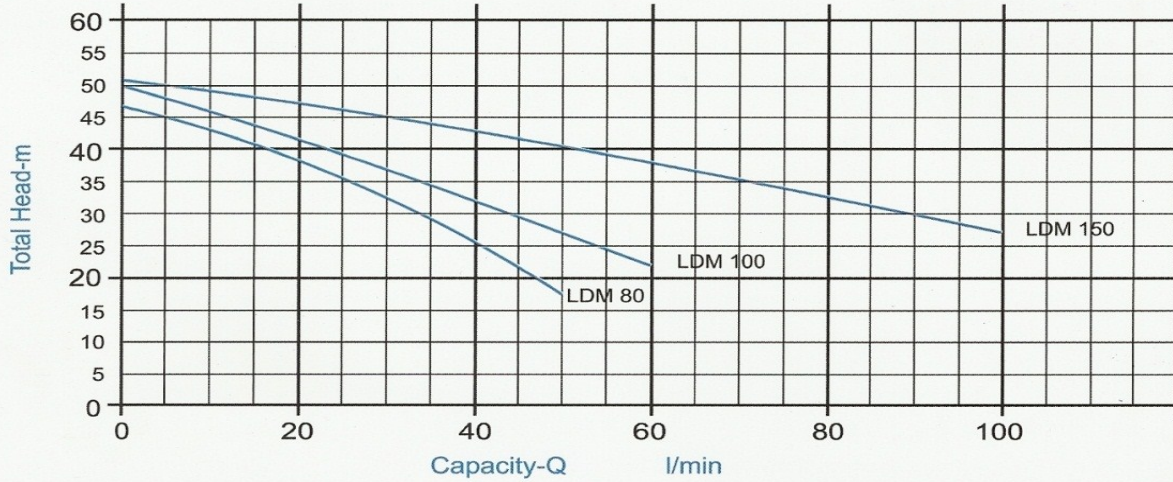
- ▶ Max working pressure :
- 6 bar for type (LDM80/100)
- 10 bar for type (LDM 150)
- ▶ Max water temperature 40°C.
- ▶ Max sand permissible quantity :40 gr/m3.
- ▶ Max total lift head : 7/8 mt.



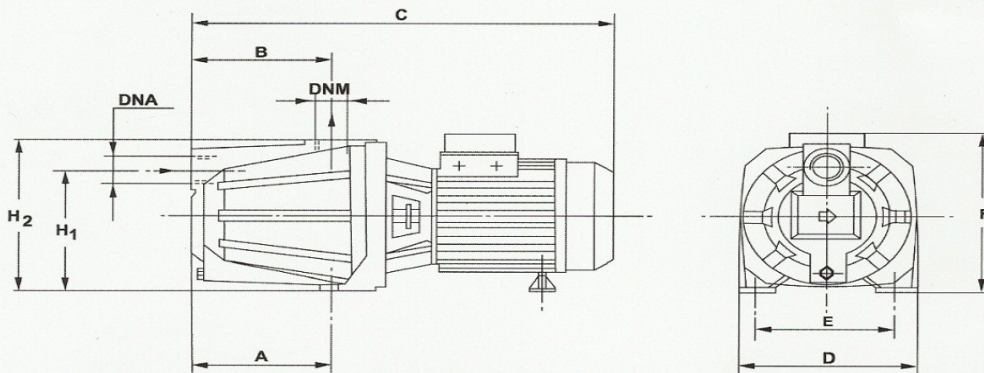
Materials

- ▶ Pump body in CAST IRON.
- ▶ Venturi, nozzle, diffuser made of NORY GFN2.
- ▶ Impeller Brass.
- ▶ Shaft STAINLESS STEEL.
- ▶ Mechanical seal in CARBON / CERAMIC/ NBR

Operating Data at 2850 RPM / 50 Hz



| Pump Type | Volt 50Hz | Ampere | Capacitor | | Motor | | H-Total Head (m) | | | | | | | | | | | | |
|-----------|--------------|--------|-----------|-----|-------|-----|------------------|----|----|----|----|----|----|----|----|----|-----|--|--|
| | | | μ f | V | Kw | HP | Q - l/min | 0 | 5 | 10 | 20 | 30 | 45 | 50 | 60 | 80 | 100 | | |
| LDM 80 | 220 | 4 | 14 | 450 | 0.60 | 0.8 | 47 | 45 | 43 | 38 | 32 | 22 | 18 | | | | | | |
| LDM 100 | 220 | 5.5 | 20 | 450 | 0.75 | 1 | 50 | 47 | 46 | 42 | 37 | 30 | 27 | 23 | | | | | |
| LDM 150 | 220 | 8.1 | 35 | 450 | 1.1 | 1.5 | 51 | 50 | 49 | 47 | 45 | 42 | 41 | 38 | 33 | 27 | | | |



| Pump Type | Dimensions mm | | | | | | | | | | Weight Kg |
|-----------|---------------|-----|-----|-----|-----|-----|-----|-----|------|-----|--------------|
| | A | B | C | D | E | F | H1 | H2 | DNA | DNM | |
| LDM 80 | 138 | 127 | 410 | 180 | 140 | 200 | 152 | 185 | 1" | 1" | 13 |
| LDM 100 | 138 | 127 | 410 | 180 | 140 | 200 | 152 | 185 | 1" | 1" | 14 |
| LDM 150 | 180 | 157 | 500 | 220 | 180 | 235 | 170 | 227 | 1.5" | 1" | 26 |