

# CDM42-2

CDM / CDMF | Vertical multistage centrifugal pump



CNP-M-000494

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FLOW RANGE

25 - 55 m<sup>3</sup>/h

HEAD RANGE

31 - 50 m

MOTOR

7.5 kW

SPEED

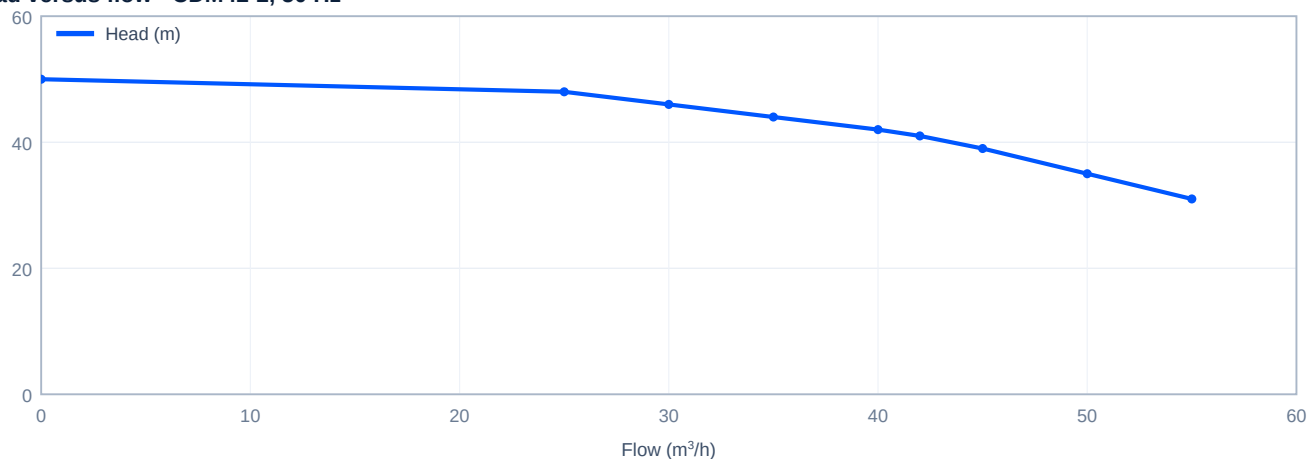
2900 rpm

## Specifications

|                 |                                                                                 |
|-----------------|---------------------------------------------------------------------------------|
| Series          | CDM / CDMF                                                                      |
| Size            | CDM42                                                                           |
| Stages          | 2                                                                               |
| Mains frequency | 50 Hz                                                                           |
| Speed           | 2900 rpm                                                                        |
| Motor power     | 7.5 kW (10 hp)                                                                  |
| Max pressure    | 30 bar                                                                          |
| Connection      | DIN flange DN80                                                                 |
| Weight          | 121 kg                                                                          |
| Data basis      | Published performance curve (Performance table printed p. 25; dimensions p. 43) |

## Performance curve

Head versus flow - CDM42-2, 50 Hz



Efficiency, shaft power and NPSHr are not published for this model in the source catalogue.

## Performance table

| Flow (m <sup>3</sup> /h) | Head (m) |
|--------------------------|----------|
| 0                        | 50       |
| 25                       | 48       |
| 30                       | 46       |
| 35                       | 44       |



| Flow (m³/h) | Head (m) |
|-------------|----------|
| 40          | 42       |
| 42          | 41       |
| 45          | 39       |
| 50          | 35       |
| 55          | 31       |

## Dimensions (mm)

| Code           | Description                | Value |
|----------------|----------------------------|-------|
| H1             | H1 — pump height           | 521   |
| H2             | H2 — motor height          | 390   |
| H              | H — overall height, flange | 1051  |
| D1             | D1 — motor diameter        | 260   |
| D2             | D2 — base / flange width   | 168   |
| weight_cdmf_kg | Net weight CDMF            | 111   |
| -              | Net weight                 | 121   |

Dimension codes follow the CNP catalogue drawing. Confirm installation dimensions with the approved drawing before civil or piping work.

Performance is for clean water at 20 °C unless stated, per the CNP published catalogue. Tolerances follow ISO 9906. This datasheet is for selection guidance; final selection, materials and price are confirmed in our written quotation. Reference SR-261027-29158. Contact: +92 345 9547419 sales@cnppakistan.com