



# WATER PUMP

## PMBT SERIES



# PMBT Series

## Twin Impeller Centrifugal Pump



### Application

- Twin impeller compact centrifugal pumps for pressurization system, domestic, civil and industry. Suitable for sprinkling irrigation, fire-fighting decanting & etc

### Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Continuous duty
- pH: 6.5 to 8.5

### Pump

- Pump Body: Cast Iron
- Impeller: Brass
- Mechanical Seal: Carbon/Ceramic/Stainless Steel
- Front Bracket: Cast Iron

### Motor

- Heavy Duty Continuous Work
- Motor Housing: Aluminium
- Insulation: Class B/Class F
- Cooling: External Ventilation
- Shaft: AISI304
- Protection: IP44

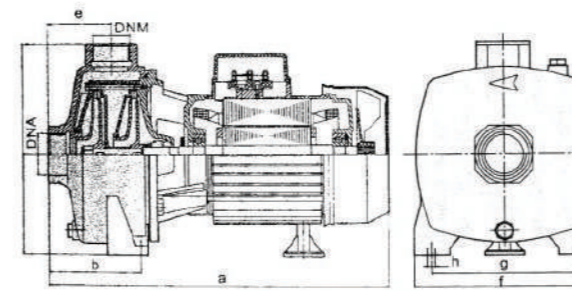
### Advantages & Features

- Double impeller centrifugal pump, satisfies the requirement of high head.
- Compact structure

### Technical Data

| Model                      |                                    | Power |     | Current Amp |        | Capacity 2900rpm   |     |     |     |     |     |     |     |     |     |     |      |      |    |
|----------------------------|------------------------------------|-------|-----|-------------|--------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|----|
| Single Phase<br>240V /50HZ | Three Phase<br>220V-Y415V<br>/50HZ | kW    | HP  | 1~          | 3~     | m <sup>3</sup> /hr |     |     |     |     |     |     |     |     |     |     |      |      |    |
|                            |                                    |       |     | 1x240V      | 3x415V | 0                  | 1.2 | 2.4 | 3.6 | 4.8 | 5.4 | 6.6 | 7.2 | 7.8 | 9.0 | 9.3 | 11.0 | 12.0 |    |
| ~                          | PMBT - 300                         | 1.1   | 1.5 | ~           | 4.45   | -                  | 48  | 45  | 42  | 40  | 37  | 35  | 31  | 29  | 27  | 24  | 23   | 15   | 12 |

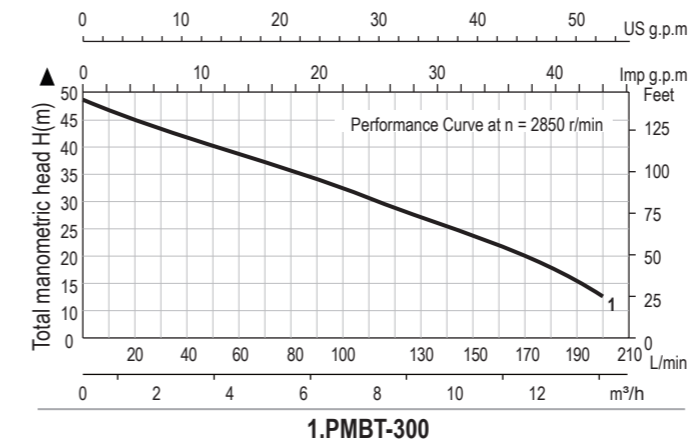
### PMBT Outline Dimension



### Overall & Installation dimension

| Model    | Dimensions (mm) |     |    |    |       |     |     |    |      |       |   |   |   |     |     |
|----------|-----------------|-----|----|----|-------|-----|-----|----|------|-------|---|---|---|-----|-----|
|          | a               | b   | c  | d  | e     | f   | g   | h  | i    | j     | k | l | m | DNA | DNM |
| PJSW-100 | 395             | 133 | 97 | 91 | 112.5 | 182 | 142 | 10 | 55.5 | 205.5 | ~ | ~ | ~ | 25  | 25  |

### Performance Curves



### Package information

| Model    | Package dimensions & G.W. (mm) |     |     |      |
|----------|--------------------------------|-----|-----|------|
|          | L                              | W   | H   | kg   |
| PMBT-300 | 405                            | 225 | 295 | 22.5 |

