

## SP-DBY · DATA SHEET

# Electric Diaphragm Pump

DBY range · geared electric drive · low-pressure duty

**Largest model DBY-100: 16 m³/h · head 30 m · 4 kW**

## Key features

- Electric motor drive through a gearbox — no air supply needed
- For low-pressure transfer: outlet pressure up to 3 kgf/cm²
- Moves toxic, flammable and volatile liquids, strong acids, strong alkalis and corrosive media
- Also used as the pre-feed pump ahead of filter presses
- Body materials: cast iron, stainless steel, aluminium alloy or F46-lined; diaphragms in nitrile, neoprene, fluororubber or PTFE
- Liquid temperature up to 100 °C

## Specification

|                      |              |
|----------------------|--------------|
| Capacity             | 0.5–16 m³/h  |
| Head                 | 30 m         |
| Suction lift         | up to 7 m    |
| Power range          | 0.37–4 kW    |
| Max. outlet pressure | ≤ 3 kgf/cm²  |
| Liquid temperature   | up to 100 °C |

## Model table

| Model  | Capacity (m³/h) | Head (m) | Suction (m) | Max particle (mm) | kW   |
|--------|-----------------|----------|-------------|-------------------|------|
| DBY-10 | 0.5             | 30       | 3           | 1                 | 0.37 |
| DBY-15 | 1               | 30       | 3           | 1                 | 0.5  |
| DBY-25 | 3.5             | 30       | 7           | 2.5               | 1.5  |
| DBY-32 | 4               | 30       | 7           | 3.5               | 1.5  |
| DBY-40 | 5.5             | 30       | 7           | 4.5               | 1.5  |
| DBY-50 | 8.5             | 30       | 7           | 8                 | 2.2  |
| DBY-65 | 10              | 30       | 7           | 8                 | 2.2  |
| DBY-80 | 14              | 30       | 7           | 10                | 4    |

| Model   | Capacity (m³/h) | Head (m) | Suction (m) | Max particle (mm) | kW |
|---------|-----------------|----------|-------------|-------------------|----|
| DBY-100 | 16              | 30       | 7           | 10                | 4  |

*Performance data as published in the source catalogue.*

*For a quotation, send the model code and quantity to [tradingsunton@gmail.com](mailto:tradingsunton@gmail.com) or WhatsApp +86 173 0677 2035.*