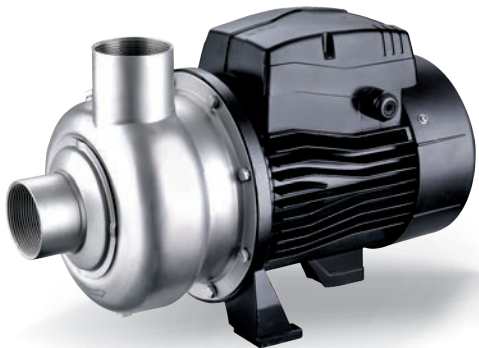
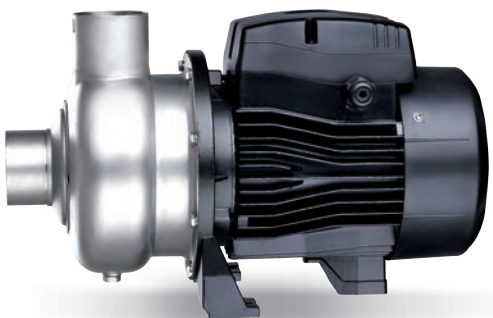




Application

- Suitable for cleaning systems for production lines and transfer of liquid medium containing impurities

Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. liquid temperature: +35°C

Motor

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. temperature: +40°C

Identification Codes

ABK 200 D

Single Phase Motor  
(Omitted for three-phase motor)

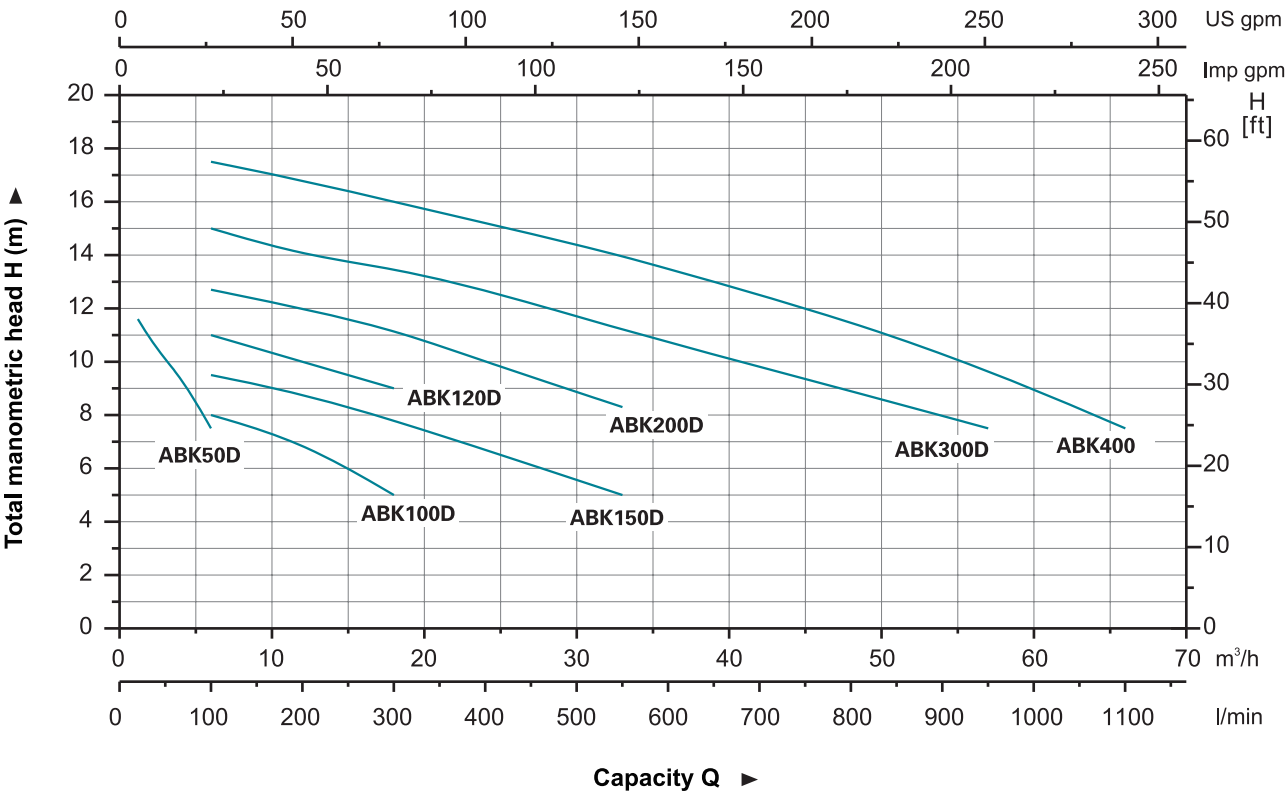
Power x 100 (W)

Semi-open Impeller Pump

Technical Data

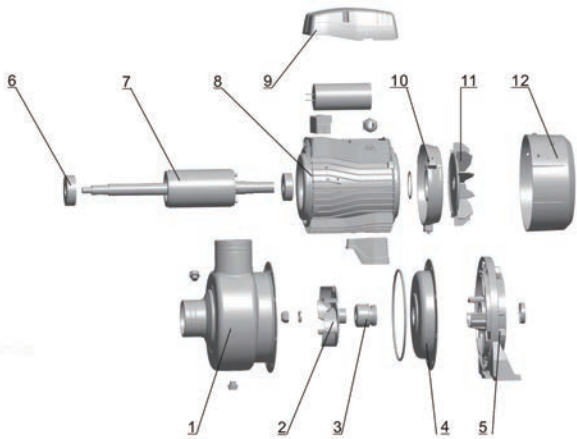
| MODEL        |             | POWER |     | Q (m³/h)  |       | 1.2  | 2.4  | 3.6 | 4.8 | 6    | 12   | 18   | 24   | 33   | 42   | 48   | 57  | 66   |
|--------------|-------------|-------|-----|-----------|-------|------|------|-----|-----|------|------|------|------|------|------|------|-----|------|
| Single Phase | Three Phase | kW    | HP  | Q (l/min) | H (m) | 20   | 40   | 60  | 80  | 100  | 200  | 300  | 400  | 550  | 700  | 800  | 950 | 1100 |
| ABK50D       | ABK50       | 0.37  | 0.5 |           |       | 11.6 | 10.5 | 9.7 | 8.7 | 7.5  | -    | -    | -    | -    | -    | -    | -   | -    |
| ABK100D      | ABK100      | 0.75  | 1   |           |       | -    | -    | -   | -   | 8    | 7    | 5    | -    | -    | -    | -    | -   | -    |
| ABK120D      | ABK120      | 0.9   | 1.2 |           |       | -    | -    | -   | -   | 11   | 10   | 9    | -    | -    | -    | -    | -   | -    |
| ABK150D      | ABK150      | 1.1   | 1.5 |           |       | -    | -    | -   | -   | 9.5  | 8.8  | 7.8  | 6.7  | 5    | -    | -    | -   | -    |
| ABK200D      | ABK200      | 1.5   | 2   |           |       | -    | -    | -   | -   | 12.7 | 12   | 11.2 | 10   | 8.3  | 6.5  | -    | -   | -    |
| ABK300D      | ABK300      | 2.2   | 3   |           |       | -    | -    | -   | -   | 15   | 14   | 13.5 | 12.7 | 11.2 | 9.8  | 8.9  | 7.5 | -    |
| -            | ABK400      | 3     | 4   |           |       | -    | -    | -   | -   | 17.5 | 16.8 | 16   | 15.2 | 14   | 12.5 | 11.5 | 9.7 | 7.5  |

Hydraulic Performance Curves



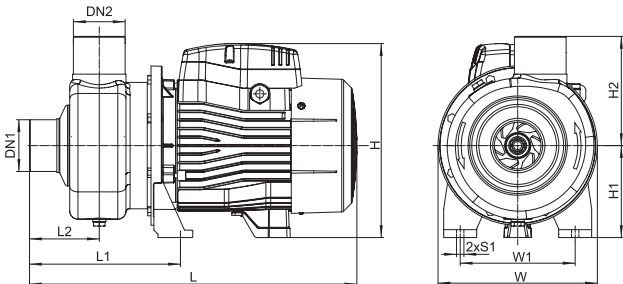
Materials Table

| No. | Part            | Material |
|-----|-----------------|----------|
| 1   | Pump body       | AISI 304 |
| 2   | Impeller        | AISI 304 |
| 3   | Mechanical seal |          |
| 4   | Bracket cover   | AISI 304 |
| 5   | Support         | ZL102    |
| 6   | Bearing         |          |
| 7   | Rotor           |          |
| 8   | Stator          |          |
| 9   | Terminal box    | PC/ABS   |
| 10  | Rear cover      | ZL102    |
| 11  | Fan             | PP-GF30  |
| 12  | Fan cover       | 08F      |



Dimension

| Model     | Ports  |        | L (mm) | L <sub>1</sub> (mm) | L <sub>2</sub> (mm) | H (mm) | H <sub>1</sub> (mm) | H <sub>2</sub> (mm) | W (mm) | W <sub>1</sub> (mm) | S <sub>1</sub> (mm) |
|-----------|--------|--------|--------|---------------------|---------------------|--------|---------------------|---------------------|--------|---------------------|---------------------|
|           | DN1    | DN2    |        |                     |                     |        |                     |                     |        |                     |                     |
| ABK50(D)  | 1 1/4" | 1"     | 280    | 123                 | 50                  | 180    | 90                  | 106                 | 170    | 105                 | 9                   |
| ABK100(D) | 1 1/2" | 1 1/2" | 332    | 160                 | 76                  | 212    | 100                 | 118                 | 170    | 120                 | 9                   |
| ABK120(D) | 1 1/2" | 1 1/2" | 332    | 160                 | 76                  | 212    | 100                 | 118                 | 170    | 120                 | 9                   |
| ABK150(D) | 2"     | 2"     | 400    | 184                 | 85                  | 235    | 112                 | 133                 | 195    | 140                 | 9                   |
| ABK200(D) | 2"     | 2"     | 400    | 184                 | 85                  | 235    | 112                 | 133                 | 195    | 140                 | 9                   |
| ABK300(D) | 2 1/2" | 2"     | 450    | 184                 | 85                  | 252    | 117                 | 133                 | 195    | 140                 | 9                   |
| ABK400    | 2 1/2" | 2"     | 450    | 184                 | 85                  | 252    | 117                 | 133                 | 195    | 140                 | 9                   |



Package Information

| Model     | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20 TEU) |
|-----------|----------|--------|--------|--------|-----------------------|
| ABK50(D)  | 6.5      | 310    | 190    | 215    | 2130                  |
| ABK100(D) | 9.6      | 360    | 200    | 235    | 1566                  |
| ABK120(D) | 10.7     | 360    | 200    | 235    | 1566                  |
| ABK150(D) | 14       | 420    | 235    | 265    | 1032                  |
| ABK200(D) | 15.7     | 420    | 235    | 265    | 1032                  |
| ABK300(D) | 20.7     | 475    | 230    | 275    | 864                   |
| ABK400    | 21.8     | 475    | 230    | 275    | 864                   |

