



CPHB

Application Limits

- ◉ Liquid temperature: +2°C ~ +100°C
- ◉ Maximum ambient temperature +40°C
- ◉ Maximum system pressure 10bar
- ◉ Protection level: IP44
- ◉ Mains connection: 220V/50Hz
- ◉ Insulation class: H
- ◉ Pumped liquid characteristics: clean, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- ◉ Installation: the motor shaft must be kept in horizontal direction
- ◉ pH: 6.5 to 8.5

Advantages & Features

- ◉ Flange connection
- ◉ Low noise
- ◉ No leakage

Performance Data

| Model | Input power P _i (W) | Current (A) | Capacitor | | Max. flow (m ³ /h) | Max. head (m) | Whole lift (m) | G (mm) | Inter Box | | | Outer Box | | 20" Loading Qty (pcs) |
|------------|--------------------------------|-------------|-----------|----------------|-------------------------------|---------------|----------------|---------|-----------|-------------|---------|-------------|-----------|-----------------------|
| | | | μF | V _c | | | | | G.W. (kg) | Dim (L×W×H) | PCS/CTN | Dim (L×W×H) | G.W. (kg) | |
| CPHB04-25F | 90 | 0.26 | 2.5 | 450 | 3 | 4 | 0~4 | 25(1") | 3.2 | 165x125x138 | 8 | 350x270x305 | 26 | 5376 |
| CPHB04-32F | 90 | 0.26 | 2.5 | 450 | 3 | 4 | 0~4 | 32(1½") | | | | | | |
| CPHB10-40F | 160 | 0.75 | 4 | 450 | 6 | 5 | 0~5 | 40(1½") | / | / | / | 276x152x200 | 7.5 | 3080 |
| CPHB10-50F | 160 | 0.75 | 4 | 450 | 8 | 5 | 0~5 | 50(2") | | | | | | |
| CPHB12-40F | 260 | 1.21 | 6 | 450 | 7 | 8 | 0~8 | 40(1½") | | | | | | |
| CPHB12-50F | 260 | 1.21 | 6 | 450 | 10 | 8 | 0~8 | 50(2") | | | | | | |



CPH

Application Limits

- ◉ Suction head up to 7m
- ◉ Liquid temperature up to +100°C
- ◉ Ambient temperature up to +40°C
- ◉ Max. Working pressure: 6bar
- ◉ Voltage fluctuation should not exceed 10% of rated value
- ◉ pH: 6.5 to 8.5
- ◉ Mains connection: 220V/50Hz, 380V/50Hz

Advantages & Features

- ◉ Pump body: Cast iron, electrophoretic treatment
- ◉ Impeller: Cast iron, electrophoretic treatment
- ◉ Shaft: 304 stainless steel welding shaft
- ◉ Mechanical seal: SiC/Graphite/ FPM rubber
- ◉ Motor: 2 pole asynchronous motor, copper wires, built-in thermal protector, fully closed fan cooling, continuous running
- ◉ Protection: IP44
- ◉ Insulation: B
- ◉ NSK bearing

Performance Data

| Model | | Electrical Data | | | | Max. flow (m ³ /h) | Max. head (m) | Whole lift (m) | G (mm) | Outer Box | | 20" Loading Qty (pcs) |
|--------------|-------------|--------------------------------|-------------|-----------|-----|-------------------------------|---------------|----------------|-------------|-----------|-------------|-----------------------|
| Single-Phase | Three-Phase | Input power P _i (W) | Current (A) | Capacitor | | | | | | G.W. (kg) | Dim.(L×W×H) | |
| CPH25-50F | - | 410 | 1.87 | 12 | 450 | 18 | 8 | 0~8 | DN50(G2") | 19 | 310×195×350 | 1188 |
| CPH40-50F | - | 900 | 2.95 | 25 | 450 | 21 | 17 | 0~17 | DN50(G2") | 26.5 | 315×235×430 | 810 |
| CPH110-50F | - | 1500 | 7.02 | 35 | 450 | 24 | 20 | 0~20 | DN50(G2") | 28 | 315×235×430 | 810 |
| - | CPHS150-40F | 2100 | 3.4 | / | / | 30 | 25 | 0~25 | DN40(G1.5") | 37.5 | 500×350×280 | 528 |
| - | CPHS220-40F | 2900 | 4.8 | / | / | 36 | 30 | 0~30 | DN40(G1.5") | 40 | 500×350×280 | 528 |