

Standard circulation pumps

PC3F1558IUF00

Honeywell



Optional Check Valve Kit: PVC100

Technical data

Rate of flow: up to 14,7 gpm
Pressure head: up to 19,4 ft
Media temperature: 14 °F to 203 °F
Installation lenght: 6 ½ inch
Connection standard: USA oval
Type of connection: Crossflange
Protection class: IP 44
Insulation class: F
Pressure max: 145 psi
Control: 3-step switch with manual speed selection
Rated voltage: 1 x 115 V
Main frquency: 60 Hz
Voltage tolerance: +/- 10%
Shipping weight: 7,8 lbs

Use

The series of flanged-connection circulators is designed for large commercial and industrial systems. The HUPA has 3 speed motor making it easy to adjust to the system needs.

Main areas of use

Heating, air-conditioning, and industry systems as

- dual pipe system
- boiler / primary circuit
- underfloor heating
- storage charging circuit

Flow media

- heating water
- pure, thin, non-aggressive and non-explosive, mineral oil-free media without solid particles or fibres
- media with a max. viscosity of $1,08 \times 10^{-4}$ ft²/s
- operating data must be checked above 20 % glycol

Materials

| Component | Material | Material No.. |
|---------------|------------------------|---------------|
| Pump body | Grey-cast iron | 0.6020 |
| Impeller | Polyamide (PA - GF 35) | |
| Shaft | Ceramic | |
| Bearing | Ceramic | |
| Bearing plate | Stainless steel | 1.4301 |
| Can | Stainless steel | 1.4301 |

Temperature range

Ambient temperature: 32°F to 104°F
Temperature class: TF 95
Media temperature: 14°F to 203°F

Motor protection

The motor includes an internal thermal overload protection. External motor protection is not required.

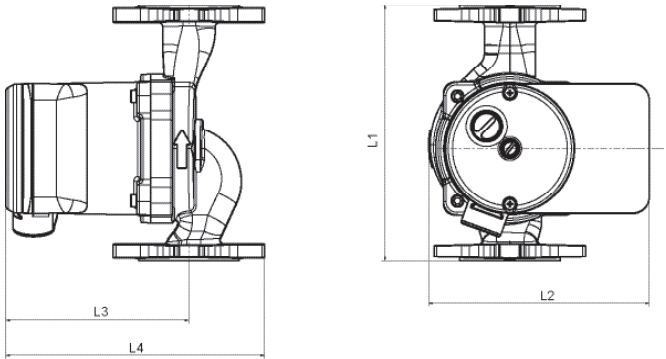
Speed switching

Three speed, with manual selector. The respective speed is set via rotary switch integrated in the terminal board

| HUPA 15 -58 | | | | | |
|-------------|-------|------|-------|---------|----------------|
| Speed | Volts | Amps | Watts | Hp | Capacitor (µF) |
| 1 | 115 | 0,3 | 32 | 0,04288 | 8 |
| 2 | | 0,5 | 55 | 0,07370 | 8 |
| 3 | | 0,75 | 85 | 0,11390 | 8 |

Dimensions

| Type | L1 | L2 | L3 | L4 |
|------------|-------|-----|-----|-----|
| HUPA 15-58 | 165,5 | 140 | 118 | 167 |



Characteristics

