

IDEX

OBL

▶ **blackline** ▶



H

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H series

Specifically designed for wine, beer and fruit juices filtration, plunger or mechanical diaphragm **H pumps** integrate an exposed revolving shaft intended for driving a mixer. In the clarification process, a diatomaceous earth is dosed into the beverage and mixed counter current to the main flow, allowing for yeast cells and other particles to be removed without trapping molecules of aroma, flavor and tanning. This solution allows for dosing and mixing processes to be taken care simultaneously by a single device.

| TECHNICAL DATA | | | | | | | | | |
|----------------------------|------------------------------------|-----|-----------------------|-----|-----|-----|-------------|---------|---------|
| MODEL | HM | | HR | | | | HG | | |
| Pump Body | Cataphoresis Aluminum Coating | | | | | | Cast Iron | | |
| Pump Type | Spring Return Mechanical Diaphragm | | Spring Return Plunger | | | | | | |
| Ø [mm] | 108 | | 43 | 50 | | | 62 | | |
| Stroke Length [mm] | 4 | | 15 | | | | 25 | | |
| Flowrate [l/h] | 73 | 100 | 90 | 115 | 120 | 160 | 285 | 362 | 400 |
| Max Pressure [barg] | 10 | 10 | 10 | 10 | 10 | 10 | 12 (14) | 10 (13) | 10 (12) |
| SPM | 70 | 95 | 70 | 95 | 70 | 95 | 68 | 86 | 95 |
| Threaded Connections | 3/4" BSPm | | 1/2" BSPf | | | | 3/4" BSPf | | |
| Amb. Temp. [°C] | -10/+60°C | | | | | | | | |
| Max Temp. Dosed Fluid [°C] | 60°C | | 60°C | | | | | | |
| Motor Power [KW] | | | 0,37 | | | | 0,75 (0,90) | | |
| Motor Size | | | 71-B14 | | | | 80-B14 | | |
| Voltage [V] | 230/400 V | | | | | | | | |
| Frequency [HZ] | 50 | | | | | | | | |
| Material Set | PP | | ACC | | | | ACC | | |
| Pumphead | PP | | AISI316L | | | | AISI316L | | |
| Diaphragm | PTFE | | - | | | | | | |
| Plunger | - | | CERAMIC | | | | CERAMIC | | |
| Plunger Packing | - | | VULKOLLAN | | | | VULKOLLAN | | |
| Valve Guide | PP | | PP | | | | AISI316L | | |
| Valve Seat | AISI316L | | AISI316L | | | | AISI316L | | |
| Valve Ball | AISI316L | | AISI316L | | | | AISI316L | | |
| Valve Housing | PP | | AISI316L | | | | AISI316L | | |
| Gaskets | SILICON | | FPM | | | | FPM | | |