



HWM PUMP SERIES

Water inlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

Transparent lid:
Easy to see waste for removal.

PP basket strainer

Water outlet:
Outside diameter 2 inches (60.3 or 63 mm) Vmax 5 m/s

Bipolar asynchronous motor
Motor: iP55 resin - Class F.
Integrated overheating and short-circuit protection device.

Self-priming: When the pump runs for the first time, fill with water up to the lower height of the water inlet liquid level and the priming height is 0.5-1.5m.

Drain plug: Possibility of draining the water from the pump in freezing weather to prevent it from freezing.

Diffuser:
Harnesses the kinetic energy of the liquid.

Impeller:
The centrifugal force generated by the impeller gives kinetic energy to the liquid.

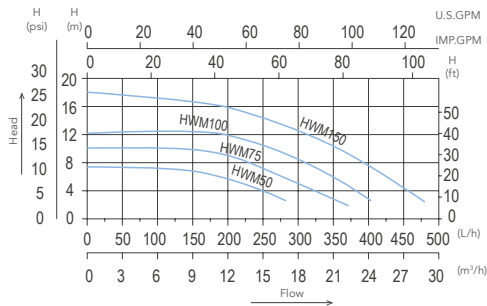
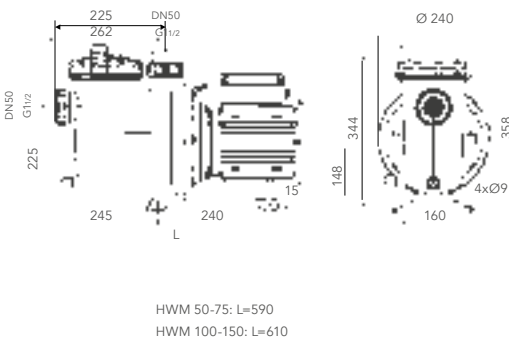
Mechanical seal:
Made of graphite/silicon carbide to prevent water leakage. When in operation, the movable ring moves with the impeller and the other ring remains static.

Base:
With rubber pads to reduce vibration and noise.

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HWM pool pumps have a very high hydraulic efficiency, are ultra-quiet, light weight, small in size, compact and energy efficient. They are made of high quality materials, light resistant and long lasting. Thanks to their modular design they are easy to install and maintain.



CHARACTERISTICS OF HWM PUMPS

- 0.5 HP, 0.75 HP, 1 HP and 1.5 HP feed pumps.
- High hydraulic efficiency.
- Low noise level pump.
- Bipolar asynchronous motor.
- Plastic hydraulic components.
- Aluminium motor housing.
- O-ring seal: NBR.
- Mechanical seal material: graphite/silicon carbide.
- Continuous duty capability.
- Integrated overheating and short-circuit protection device.
- Motor: iP55 resin - Class F.
- Connection included Ø50.
- Permissible temperature of the circulating liquid: + 5 °C to 50 °C.
- Ambient temperature up to 40 °C.

CODE	MODEL	P1 ASPIRATION	P2 IMPULSION	FREQ. (Hz)	TENSION (V)	Ø (mm)	NET WEIGHT (Kg)	MAX FLOW RATE (m³/h)	PACKAGING (mm)	FAM.
HP-4450-00	HWM 50	0,55Kw/0,75Hp	0,37Kw/0,50Hp	50	220	50	11,1	17	580x260x390	A
HP-4450-02	HWM 75	0,75Kw/1Hp	0,55Kw/0,75Hp	50	220	50	11,7	19	580x260x390	A
HP-4450-04	HWM 100	0,9Kw/1,2Hp	0,75Kw/1Hp	50	220	50	14,1	22	660x260x410	A
HP-4450-05	HWM 150	1,5Kw/2Hp	1,1Kw/1,5Hp	50	220	50	16,5	28	660x260x410	A
HP-4451-07	HWM and HWI basket									A
HP-4451-05	Cover HWM and HWI									A
HP-4451-04	Cover nut HWM and HWI									A
HP-4451-06	HWM and HWI Joint									A
HP-4451-12	Mechanical seal									A