REDJACKET®
Water Products

HMC
Multi-Stage Centrifugal Pump

Product Code

75 HMC 3

- **DRIVER**
  Blank – 1 PH ODP
  3 – 3 PH ODP
- **CONSTRUCTION –** cast iron with glass-filled thermoplastic impeller
- **HORSEPOWER RATING**
  75 – ¾ HP, 150 – 1½ HP,
  100 – 1 HP, 200 – 2 HP

Pump Specifications

Capacities: to 50 GPM.

Pressures: to 94 PSI (217 feet).

Pipe connections: 1¼" suction, 1" discharge.

Temperatures: to 180°F (82°C) max.

Maximum working pressure: 125 PSI.

Rotation: right hand, ie; clockwise when viewed from motor end.

Motor Specifications

NEMA standard:
¾ – 1½ HP, 115/230 V;
2 HP, 230 V.
60 Hz. 3500 RPM.
Stainless steel shaft.

Single phase.
Capacitor type.
Built-in overload with automatic reset.

Three phase
¾ – 2 HP ODP, 230-460 V.
Overload protection must be provided in starter unit.
Starter and Heaters (3) must be ordered separately.

Specifically design for water circulation, booster service, liquid transfer, spraying systems, jockey pump service and general purpose pumping.
Multi-stage design provides steady, quiet and vibration-free operation for years of trouble-free service.
Impellers are 20% glass-filled thermoplastic precision molded for high efficiencies.
Close-coupled, space saving design provides easy installation.
Can be mounted in vertical or horizontal position.
Stainless steel pump shaft: Hex design provides positive drive for impellers and eliminates clearance adjustments.
Corrosion resistant stainless steel wear rings and coverplates.
O-rings for positive sealing.
Can be taken apart for service by removing four bolts.
Close coupled design. Ball bearings carry all radial/axial thrust loads. Designed for continuous operation. All ratings are within working limits of the motor.

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Effective April, 2003

BRJHMC

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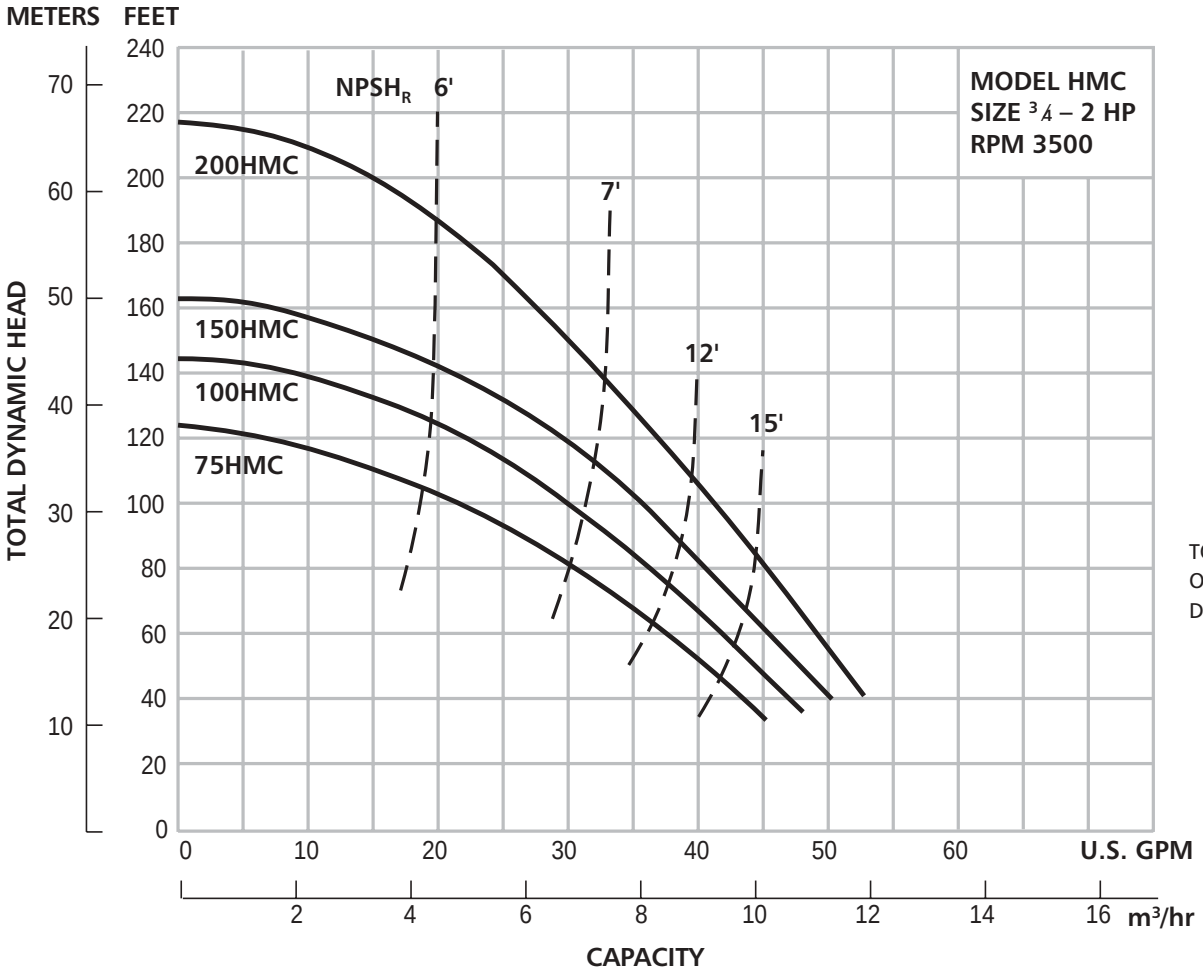
Dimensions and Weights

Model	HP	Stage	Length	Width	Height	Wt. (lbs.)
75HMC/3	¾	2	15	8	9	53
100HMC/3	1	2	16	8	9	58
150HMC/3	1½	2	17	8	9	72
200HMC/3	2	3	19	8	9	75

(All dimensions are in inches and weight in lbs. Do not use for construction purposes.)

Performance Curve



TO CONVERT FEET OF HEAD TO PSI – DIVIDE FEET BY 2.31

Red Jacket Water Products reserves the right to make design improvements and pricing modifications as necessary and without notice.

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