

MHM · MES SERIES

MHM End-Suction Centrifugal Pump

Back-pull-out end-suction pump, 10–1200 m³/h, up to 90 m head, IE3 motor.

Origin: MHM / Energy, China · Category: Pumps



FLOW

10–1200 m³/h

HEAD

up to 90 m

MOTOR

IE3, 1.5–160 kW

IMPELLER

Bronze / SS304

SEAL

Mechanical, SiC/C

WARRANTY

12 months

Overview

The MES end-suction range covers chilled-water, condenser-water and process transfer duties. Back-pull-out construction lets the rotating element be removed without disturbing suction and discharge piping, cutting maintenance time in busy plants.

Cast-iron volute with bronze or SS304 impeller, mechanical seal and IE3 TEFC motor on a common base plate. Long-coupled and close-coupled versions available, with VFD packages for variable-flow chilled-water systems.

Design features

Cast-iron volute, bronze or SS impeller

Materials matched to chilled, condenser or process water.

IE3 motor as standard

Premium-efficiency TEFC motor, IP55, class F insulation.

Mechanical seal

Silicon-carbide / carbon seal, replaceable without disturbing pipework on back-pull-out models.

Wide performance envelope

Trimmed impellers available to hit the duty point exactly.

Low NPSH required

Suitable for suction-lift and rooftop installations.

VFD-ready

Runs on variable-frequency drives for chilled-water flow control.

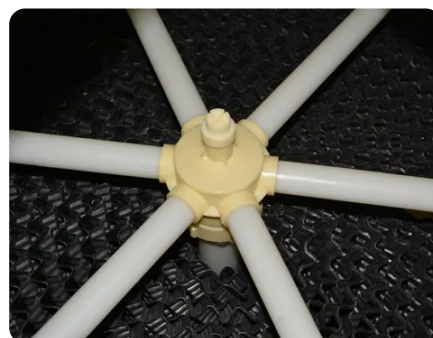
Typical applications

- Chilled-water circulation
- Process water transfer
- Condenser water to cooling towers
- Fire-fighting jockey duty

Technical data — MES Series

Model	Flow (m ³ /h)	Head (m)	Motor (kW)	Suction × Discharge	Speed (rpm)	Weight (kg)
MES-50-160	25	32	4	65 × 50	2900	62
MES-65-200	50	48	11	80 × 65	2900	98
MES-100-250	120	70	37	125 × 100	2900	240
MES-150-315	300	32	45	200 × 150	1450	410
MES-200-400	600	50	110	250 × 200	1450	780
MES-250-400	1200	45	160	300 × 250	1450	1150

Ratings at standard conditions stated in the facts above. Intermediate capacities, alternative voltages and special options on request; MHM selects the model for your load, ambient and water conditions.



Selection, installation and after-sales by MHM Engineering

Send your capacity, ambient / water conditions and site drawings to sales@mhmmachineries.com or call +880 1321-206755. Every MHM unit is commissioned by our own engineers and covered by an annual maintenance contract with genuine spares stocked in Dhaka.