

Series description: Wilo-MultiCargo MC



Similar to figure

Design

Self-priming multistage centrifugal pumps

Application

- Water supply
- Sprinkling
- Irrigation and spraying
- Rainwater utilisation

Type key

Example:

MC

3

05

EM

DM

MC-305-EM

MultiCargo (multistage, self-priming, horizontal centrifugal pump)

Nominal flow rate Q in m³/h

Number of impellers

Single-phase current, 1~230 V, 50 Hz

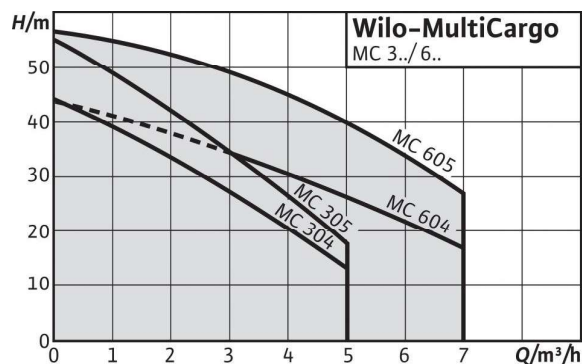
Three-phase current, 3~230/400 V, 50 Hz

Special features/product advantages

- Low-noise
- Ideal as a base-load pump for rainwater utilisation
- IE3-IEC three-phase AC motor (≥ 0.75 kW)

Technical data

- Mains connection 1~230 V, 50 Hz, 3~400 V, 50 Hz
- Max. inlet pressure of 4 bar
- Fluid temperature max. +5 °C to +35 °C
- Max. ambient temperature of +40 °C
- Max. operating pressure of 8 bar
- Protection class 1~: IP X4; 3~: IP 54
- Rp 1 connections on suction and pressure sides



Equipment/function

- Directly flanged motor
- Thermal motor protection switch for single-phase motor (1~230V):

Materials

- Pump housing made of 1.4301 stainless steel
- Impeller made of Noryl
- Shaft made of 1.4057 / 14404 stainless steel (1.1 kW)
- Mechanical seal made of ceramic/carbon
- Stage chambers made of Noryl
- Seals made of NBR

Scope of delivery

- Pump
- Installation and operating instructions

Accessories

- Switchgear ER with corresponding accessories for automated operation,
- Protection against low water level:
 - WMS kit for direct connection to the supply line,
 - Float switch WAEK 65 with small switchgear (only for EM version),
 - Float switch WA 65,
 - SK 277 with three submersible electrodes,
- Pressure switch WVA,
- WILO Fluidcontrol (EK),
- System switching:
 - Float switch WAO 65,
 - Float switch WAO EK 65 with small switchgear (only for EM version).