

MC "DOUBLE-CHANNEL"

Submersible pumps

⇒ for sewage water



PERFORMANCE RANGE

- Flow rate up to **1600 l/min** (96 m³/h)
- Head up to **25 m**

APPLICATION LIMITS

- **10 m** maximum immersion depth
- Maximum liquid temperature **+40 °C**
- Solids passage:
 - up to **Ø 50 mm** for MC 15-20-30-40/50
 - up to **Ø 70 mm** for MC 30-40/70
- Minimum immersion depth for continuous service:
 - **380 mm** for MC 15-20-30-40/50
 - **430 mm** for MC 30-40/70

CONSTRUCTION AND SAFETY STANDARDS

- Complete with **10 m** long power cable
- Float switch for single-phase versions

EN 60034-1
IEC 60034-1
CEI 2-3



CERTIFICATIONS



INSTALLATION AND USE

MC series pumps, made from heavy gauge cast iron offering exceptional sturdiness, abrasion resistance and durability, come equipped with a DOUBLE-CHANNEL impeller and are capable of pumping liquids containing short fibred suspended solids. They are ideal for pumping **sewage, waste water, water mixed with mud, groundwater and surface water** in locations such as apartment blocks, public buildings, factories, tower garages, underground car parks and cleaning areas, etc.

PATENTS - TRADE MARKS - MODELS

- Registered Community Design n° 342159-0017

OPTIONALS AVAILABLE ON REQUEST

- QES control box for three-phase pumps
- Three-phase dual voltage pumps:
 - 230/400 V or
 - 400/690 V
- Single-phase pumps without float switch
- Other voltages or 60 Hz frequency

GUARANTEE

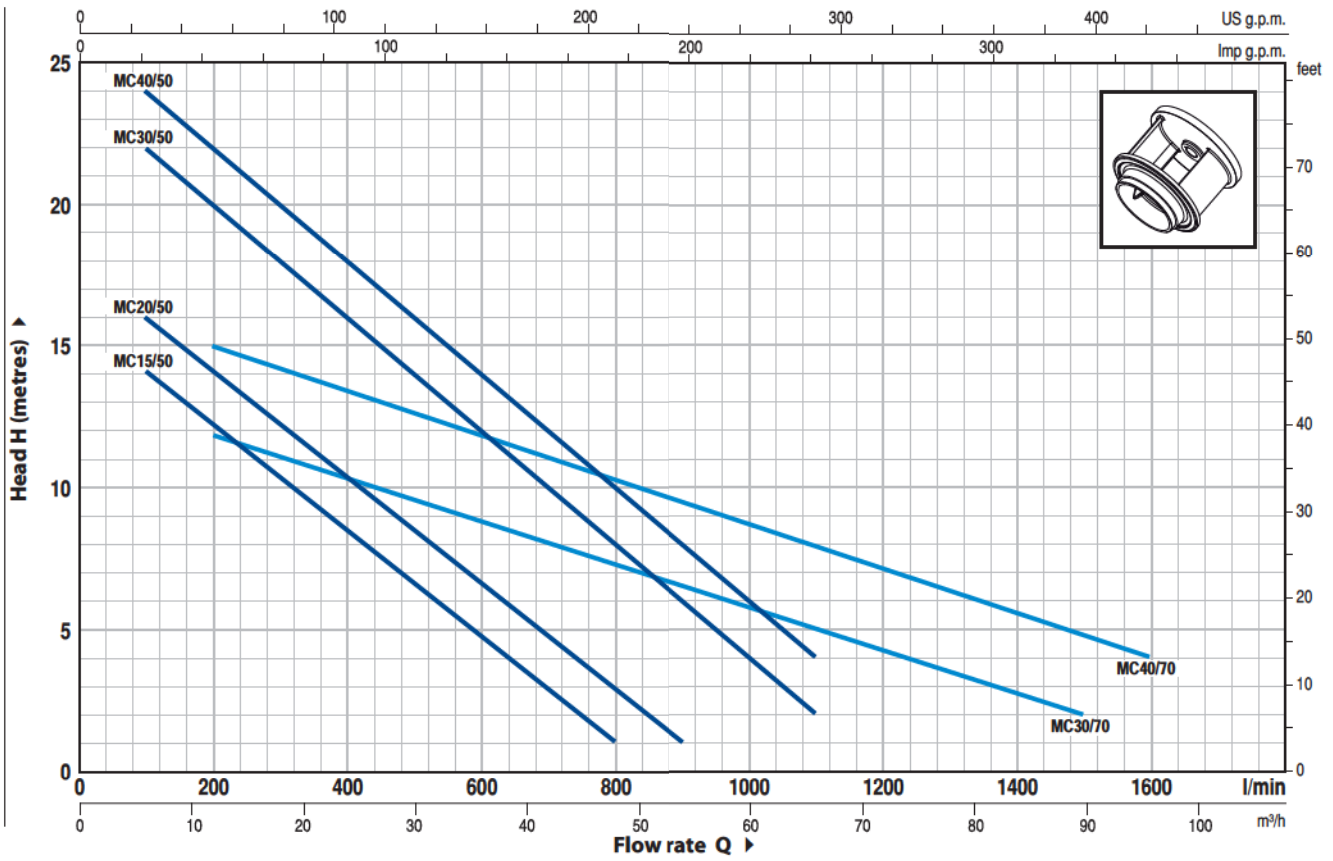
2 years subject to terms and conditions

⇒ For the following versions the built-in thermal overload protector must be connected to the control box in order for the guarantee to be considered valid:

- | | |
|--------------------|------------------------------------|
| single-phase | three-phase |
| – MCm 30/50 - HP 3 | – MC 15-20-30-40/50 - HP 1.5-2-3-4 |
| – MCm 30/70 - HP 3 | – MC 30-40/70 - HP 3-4 |

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 1/min



MODEL		POWER		Q	H metres															
Single-phase	Three-phase	kW	HP		m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	84	96
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1400	1600	
MCm 15/50	MC 15/50	1.1	1.5	H metres	16	14	12.5	10.5	8.5	6.5	4.5	3	1							
MCm 20/50	MC 20/50	1.5	2		18	16	14	12.5	10.5	8.5	6.5	5	3	1						
MCm 30/50	MC 30/50	2.2	3		24	22	20	18	16	14	12	10	8	6	4	2				
-	MC 40/50	3	4		25	24	22	20	18	16	14	12	10	8	6	4				
MCm 30/70	MC 30/70	2.2	3		13	-	12	11	10.5	9.5	8.5	8	7.5	6.5	6	5	4.5	3	2	
-	MC 40/70	3	4		17	-	15	14	13.5	12.5	12	11	10.5	9.5	8.5	8	7	5.5	4	

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 App. A.