

# FAGGIOLATI M SERIE

monochannel submersible pumps



[Drainage pump](#) [Sewage pump](#) [Submersible pump](#)

## Description

Series of submersible pumps equipped with single-channel impeller. Suitable for dirty liquids with suspended solids. Specially designed for pumping domestic and industrial waste water, sewage, and rainwater from buffer tanks and pits.

## Applications

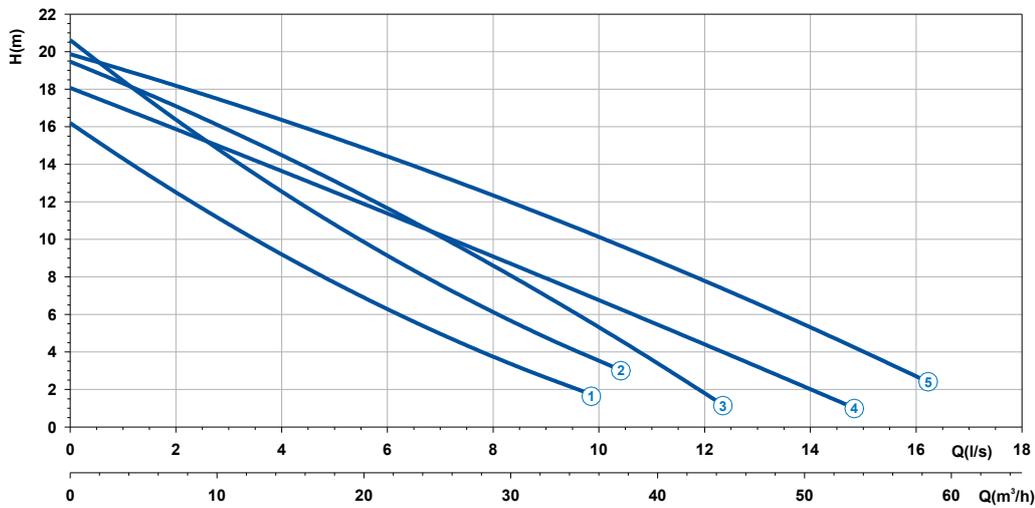
- o pumping away waste water, sewage, and rainwater

## Specifications

- o suitable for dirty liquids with suspended particles and continuous use
  - o free passage: up to 100 mm
  - o design:
    - motor and pump housing: cast iron
    - pump shaft: stainless steel
    - impeller: cast iron
    - seal: sic/sic
  - o capacity: up to 400 m<sup>3</sup>/h
  - o delivery head: 65 mwk
  - o liquid temperature: max. 40 °C
  - o protection class: IP68
  - o discharge connection: up to DN150
  - o motor power: up to 20,9 kW, 2- and 4-pole
- o voltages:
    - 1 phase 230 Volt 50 Hz
    - 3 phase 230/400 Volt 50 Hz
    - 3 phase 400/690 Volt 50 Hz
    - other voltages and frequencies on request
  - o 1-phase version with float and thermal protection
  - o special versions:
    - Ex
    - IE2/IE3 motor
    - tropical winding
    - water sensor
    - entirely stainless steel or bronze



Capacity graph M series 50 Hz, 2850 rpm

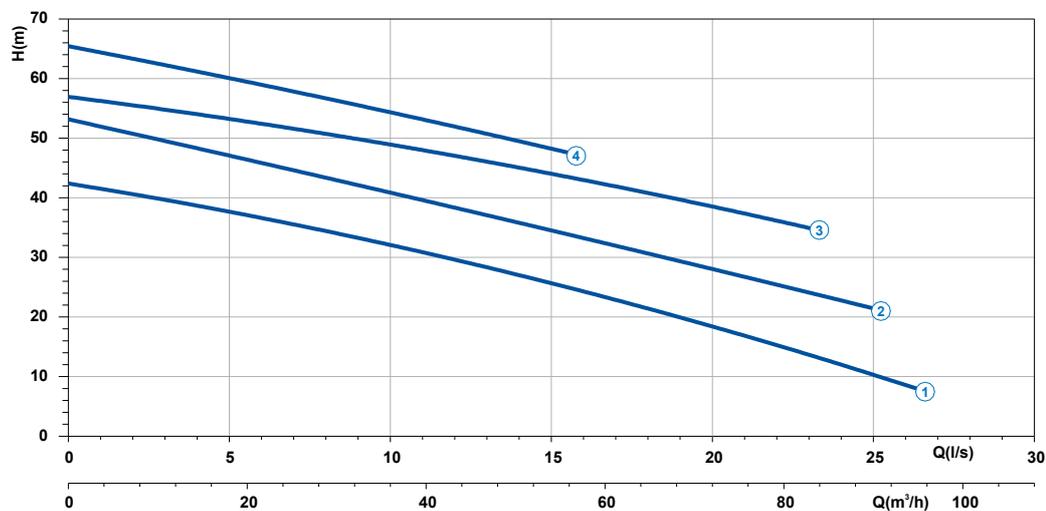


Technical data M series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)		mm	mm			
1	7000394	G272M1M2-K30AB1	1,1	7,5	21	1ph 230V-50Hz	50	30	31	-	-
	7009016	G272T1M2-K30AA0	1,4	3	8,4	3ph 400V-50Hz	50	30	31	-	-
2	7000602	G272T1M1-K30AA0	1,4	3	8,4	3ph 400V-50Hz	50	30	31	-	-
3	7002282	G271M1M1-L30AB1	1,1	7,5	21	1ph 230V-50Hz	65	30	42	7002812	-
	7002043	G271T1M1-L30AA0	1,4	3,5	14	3ph 400V-50Hz	65	30	42	7009113	-
4	7005372	G271M1M2-L40AB1	1,9	10	31	1ph 230V-50Hz	65	40	45	7005851	-
	7005453	G271T1M2-L40AA0	2,4	5	21	3ph 400V-50Hz	65	40	45	7005757	-
5	7005029	G271T1M1-L40AA0	2,8	6	25,2	3ph 400V-50Hz	65	40	45	7005558	-



Capacity graph M series 50 Hz, 2850 rpm

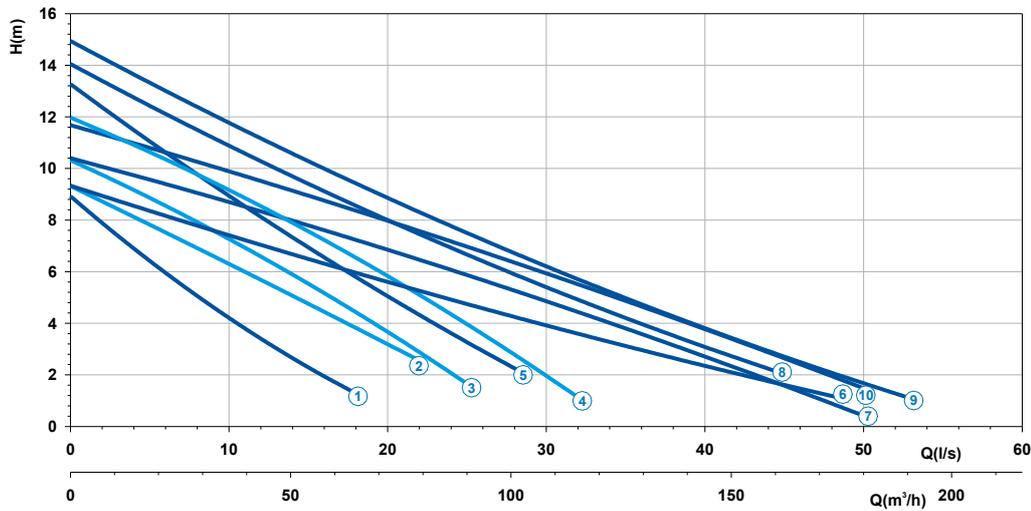


Technical data M Series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSION
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7009030	G213R1M3-M40AA2	11	22	143	3ph 400/690V-50Hz	DN 80	40	190	7007467	IE3
2	7008358	G213R1M2-M40AA2	15	27	156	3ph 400/690V-50Hz	DN 80	40	190	7007465	IE3
3	7009292	G213R1M5-M40AA2	18	34	194	3ph 400/690V-50Hz	DN 80	40	190	7007468	IE3
4	7001170	G213R1M1-M40AA2	18	34	194	3ph 400/690V-50Hz	DN 80	40	190	7007466	IE3



Capacity graph M series 50 Hz, 1450 rpm

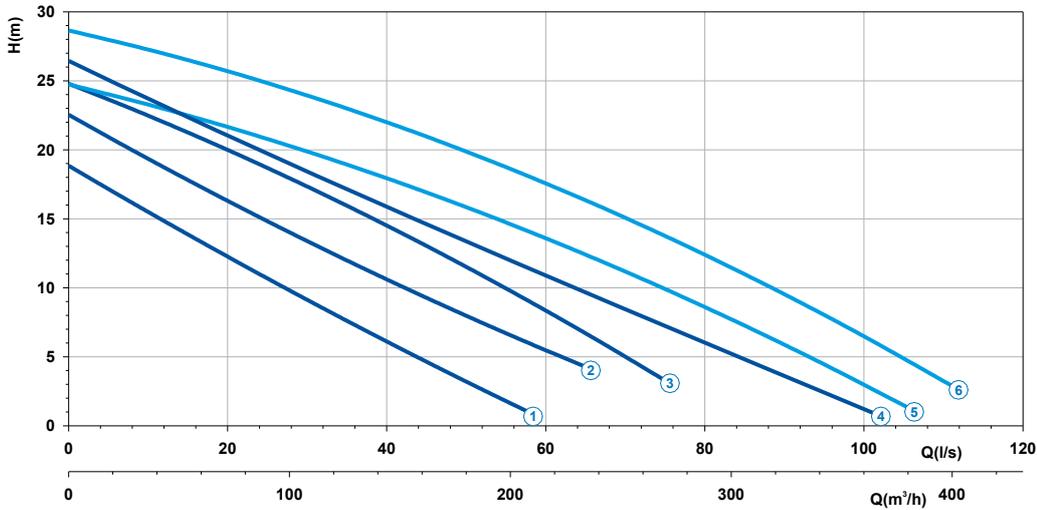


Technical data M series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP POWER Is (A)						
1	7004188	G471M1M1-M65AB1	1,2	8,5	26,4	1ph 230V-50Hz	DN 80	65	49	7004187	-
	7003550	G471T1M1-M65AA0	1,4	3,5	16,1	3ph 400V-50Hz	DN 80	65	49	7004189	-
2	7002522	G409T1M3-M65AA0	1,9	4	18	3ph 400V-50Hz	DN 80	65	67	7000799	IE3
3	7005464	G409T1M2-M65AA0	2,3	5	22,5	3ph 400V-50Hz	DN 80	65	67	7005956	IE3
4	7009184	G409T1M1-M65AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 80	65	67	7002792	IE3
5	7003521	G409T1M1-M76AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 80	76	66	7008262	IE3
6	7006615	G409T1M2-P90AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 100	90	67	7007627	IE3
7	7000218	G409T1M1-P90AA0	2,8	6,5	29,2	3ph 400V-50Hz	DN 100	90	67	7007626	IE3
8	7000203	G410R1M2-P78AA2	3,8	8	36	3ph 400/690V-50Hz	DN 100	78	117	7002797	IE3
9	7000112	G410R1M1-P78AA2	3,8	8	36	3ph 400/690V-50Hz	DN 100	78	117	7008609	IE3
10	7002949	G410R1M1-P90AA2	3,8	8	36	3ph 400/690V-50Hz	DN 100	90	85	7002809	IE3



Capacity chart M Series 50 Hz RPM 1450



Technical data M Series 50 Hz

CURVE NR	CODE	TYPE	STANDARD MOTOR			POWER SUPPLY	DN	CLEAR PASSAGE	WEIGHT	CODE	AVAILABLE MOTOR VERSIONS
			NOMINAL POWER P2 (KW)	NOMINAL CURRENT I (A)	START-UP CURRENT Is (A)						
1	7005181	G411R1M1-P78AA2	5	11	52,8	3ph 400/690V-50Hz	DN 100	78	161	7007499	IE3
2	7009431	G413R1M2-P90AA2	12	23	128	3ph 400/690V-50Hz	DN 100	90	204	7007490	IE3
3	7009232	G413R1M1-P90AA2	14	30	162	3ph 400/690V-50Hz	DN 100	90	204	7007489	IE3
4	7006379	G413R1M3-S100AA2	14	30	162	3ph 400/690V-50Hz	DN 150	100	230	7007488	IE3
5	7009937	G416R1M2-S100AA2	18	33	192	3ph 400/690V-50Hz	DN 150	100	375	-	IE3
6	7009710	G416R1M1-S100AA2	21	43	254	3ph 400/690V-50Hz	DN 150	100	450	-	IE3