

## SUBMERSIBLE WELL PUMPS

### MSI 5"

The **MSI** series comprise extremely silent centrifugal multistage pumps suitable for pumping clean water. The single-phase versions are supplied with level switch for control. They are fitted with a 15m electric power supply cable in PVC. The single phase versions are supplied with outer panel equipped with a permanent capacitor, thermal protection and ON/OFF switch for easier maintenance.



#### APPLICATIONS

- Pressurized irrigation systems
- Collection of water in wells and tanks
- Domestic supply

#### CONSTRUCTION MATERIALS

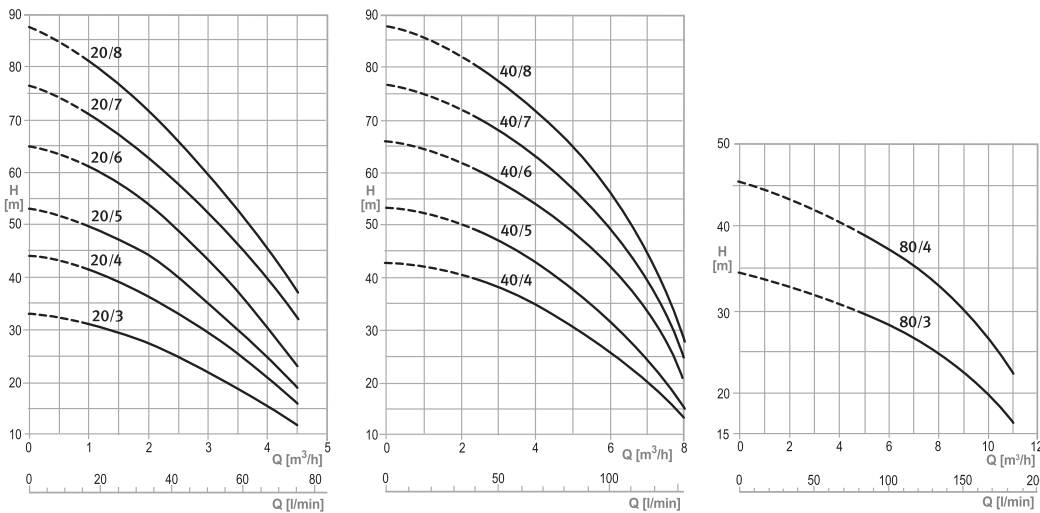
- Pump body: AISI 304
- Impeller: AISI 304
- Seal: Lubricated double mechanical seal

#### WORKING LIMITS

- Maximum flow rate: up to 11 m<sup>3</sup>/h
- Maximum head: 87 mca
- Maximum water temperature: 35°C
- Maximum immersion: 20m (with 10m level switch)
- Minimum immersion: 100mm
- Installation: Vertical or horizontal

#### MOTOR SPECIFICATIONS

- Type: submersible
- Voltage: 1x230V or 3x400V
- Insulation class: F
- Protection class: IP68
- Rotation: 2900 rpm



MODEL				POWER (kW)	CAPACITOR (µF)	H (mm)	WEIGHT (Kg)		
THREE PHASE	I (A) @ 230V	I (A) @ 400V	SINGLE PHASE*				I (A) @ 230V	THREE PHASE	SINGLE PHASE*
MSI 20/3	2.4	1.4	MSI MB 20/3	3.5	0.55	20	410	13	14.3
MSI 20/4	2.7	1.6	MSI MB 20/4	4.1	0.55	20	434	13.5	14.9
MSI 20/5	3.3	1.9	MSI MB 20/5	5	0.75	20	458	15.4	16.8
MSI 20/6	3.8	2.2	MSI MB 20/6	6	0.9	25	506	16.8	18.5
MSI 20/7	4.3	2.45	MSI MB 20/7	6.3	0.9	30	530	17.4	19.1
MSI 20/8	4.8	2.75	MSI MB 20/8	7.2	1.1	30	554	18.7	20.4
MSI 40/4	3.8	2.2	MSI MB 40/4	6	0.9	25	458	15.7	17.3
MSI 40/5	4.5	2.6	MSI MB 40/5	7	1.1	25	482	17	18.7
MSI 40/6	4.8	2.8	MSI MB 40/6	7.6	1.1	30	506	17.6	19.3
MSI 40/7	5.7	3.3	MSI MB 40/7	9.5	1.5	35	554	20.8	22.3
MSI 40/8	6.6	3.8	MSI MB 40/8	10.5	1.5	35	578	20.2	22.7
MSI 80/3	4.5	2.6	MSI MB 80/3	7	1.1	25	453	16.5	18.3
MSI 80/4	6.6	3.8	MSI MB 80/4	10	1.5	35	506	17.4	19.9

\* MB = Single phase with float

