



WASTE WATER & SEWAGE PUMP SERIES

MBA

SUBMERSIBLE PUMP FOR WASTE WATER

Applications

- Industrial waste water drainage.
- Emergency flood water evacuation.
- Water draining for chemical, pharmaceutical and metal processing factory.

Features

- Dry-run overheat protection.
- Dual mechanical seals.
- Light acid & low corrosive resistance.
- Anti-rust Stainless Steel pump body.
- Equipped with Auto Cut-off Start Box (MBA 1500).

Materials

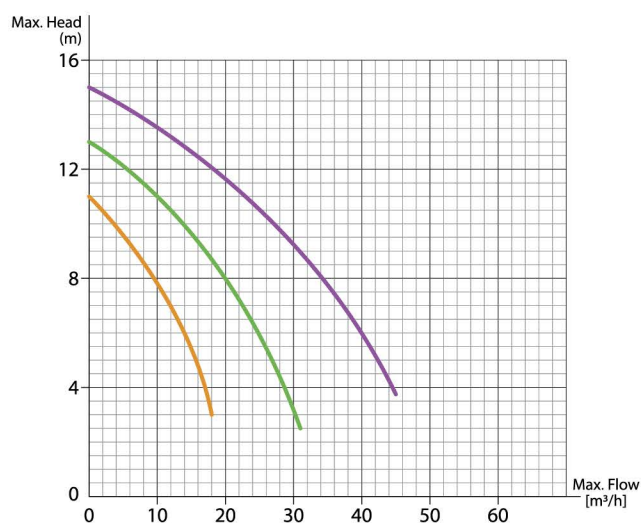
- Pump body: AISI 304 Stainless Steel
- Discharge & suction: Cast Iron
- Impeller: Cast Iron
- Mechanical seals: Silicon Carbide

Motor

- Thermal sensor.
- Continuous operation.
- Internal capacitor.
- Insulation class: E
- Protection class: IP68
- Max. water temperature: 40°C

MBA 1500 START BOX ▶

- Monitor & protect motors from overheating by excessive currents.
- Auto Cut-off when current exceeds.



TECHNICAL & PERFORMANCE DATA

Model	Motor Power			Max Head (m)	Max Flow (m³/h)	Outlet (mm)	Impeller Passage (mm)	Rotation (rpm)	Voltage
	kW	HP	A						
MBA 370 / MBA 370A	0.37	0.5	2.9	11	18	50	5	2850	240V/50Hz
MBA 750 / MBA 750A	0.75	1	6.6	13	31	50	5	2850	240V/50Hz
MBA 1500 / MBA 1500A	1.5	2	9.3	15	45	80	5	2850	240V/50Hz

Model with "A" = Auto, with Float Switch

MBF

THREE-PHASE SUBMERSIBLE PUMP FOR SEWAGE

Applications

- Mud & sewage drainage for sewage treatment plant.
- Industrial sewage drainage for building basement, farms, food manufacturing, etc.

Features

- Dry-run overheat protection.
- Dual mechanical seals.
- Light acid & low corrosive resistance.
- Anti-rust Stainless Steel pump body.
- Waterproof, anti-mist plug design.
- Non-clog impeller & diffuser.
- Anti-rust AISI 304 motor shell, shaft and nuts.

Materials

- Pump body: AISI 304 Stainless Steel
- Discharge & suction: Cast Iron
- Impeller: Cast Iron
- Mechanical seals: Silicon Carbide

Motor

- Thermal sensor.
- Continuous operation.
- Internal capacitor.
- Insulation class: E
- Protection class: IP68
- Max. water temperature: 40°C



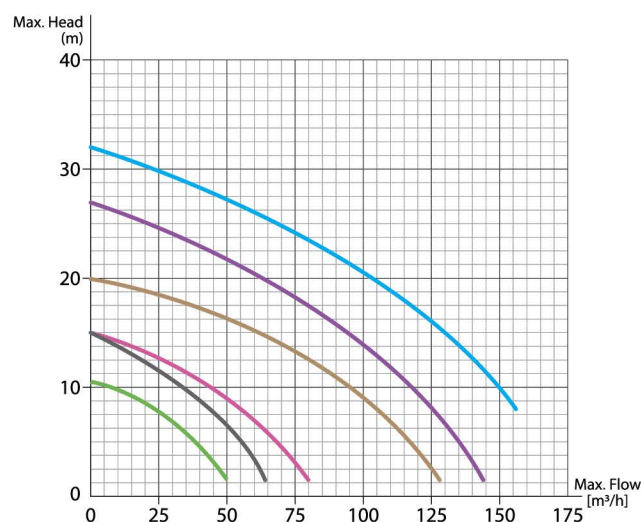
MBF 3700T
MBF 5500T
MBF 7500T

MBF 750T
MBF 1500T
MBF 2200T



THREE-CHANNEL ENSHROUDED
NON-CLOG IMPELLER

- High discharge capacity, suitable for muddy sewage with big solid.



TECHNICAL & PERFORMANCE DATA

Model	Motor Power			Max Head (m)	Max Flow (m³/h)	Outlet (mm)	Impeller Passage (mm)	Rotation (rpm)	Voltage
	kW	HP	A						
MBF 750T	0.75	1	2	10.5	50	50	10	2850	415V/50Hz
MBF 1500T	1.5	2	3.5	15	64	80	20	2850	415V/50Hz
MBF 2200T	2.2	3	5.6	15	80	80	20	2850	415V/50Hz
MBF 3700T	3.7	5	8.4	20	128	100	25	2850	415V/50Hz
MBF 5500T	5.5	7.5	10.5	27	135	100	25	2850	415V/50Hz
MBF 7500T	7.5	10	13.8	30	150	100	25	2850	415V/50Hz

*T = Three-phase

MSS

FULL STAINLESS STEEL SUBMERSIBLE PUMP FOR WASTE WATER

Applications

- Draining standing-water and waste water for basement, water treatment plant, construction site, etc.
- Water circulation for gardening and rockery.
- Specially designed for draining industrial acid or alkaline waste water.

Features

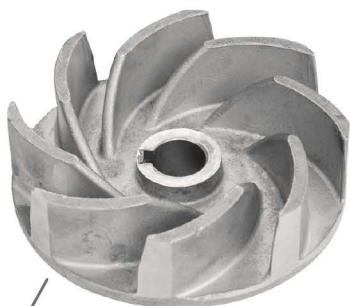
- Dry-run overheat protection.
- Dual mechanical seals.
- Light acid & low corrosive resistance.
- Anti-rust Stainless Steel pump body.
- Waterproof integrated plug.
- Anti-rust AISI 304 motor shell, strainer, shaft and nuts.
- Compact & lightweight.

Materials

- Pump body: AISI 304 Stainless Steel
- Discharge & suction: AISI 304 Stainless Steel
- Impeller: Stainless Steel
- Mechanical seals: Silicon Carbide

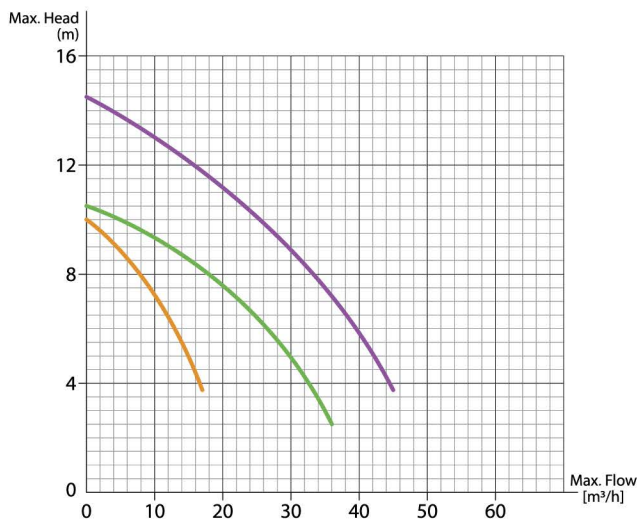
Motor

- Thermal sensor.
- Continuous operation.
- Internal capacitor.
- Insulation class: E
- Protection class: IP68
- Max. water temperature: 40°C



**CORROSION-RESISTANCE
STAINLESS STEEL IMPELLER**

- Resistant to rusting and corrosion. Specially designed for draining industrial acid or alkaline waste water.



TECHNICAL & PERFORMANCE DATA

Model	Motor Power			Max Head (m)	Max Flow (m³/h)	Outlet (mm)	Impeller Passage (mm)	Rotation (rpm)	Voltage
	kW	HP	A						
MSS 370 / MSS 370A	0.37	0.5	2.9	10	18	50	5	2850	240V/50Hz
MSS 750 / MSS 750A	0.75	1	6.6	10.5	36	50	5	2850	240V/50Hz
MSS 1500 / MSS 1500A	1.5	2	9.5	15	45	80	5	2850	240V/50Hz

Model with "A" = Auto, with Float Switch

CUT

SUBMERSIBLE CUTTER PUMP FOR GRINDING & SEWAGE

Designed with a "Grinding Mechanism" system which grinds solids & fibrous foreign materials into small pieces so that they can be led away through pipes of a relatively small diameter.

The compact design makes the pumps suitable for both temporary and permanent installations.

Applications

- Designed for domestic, commercial & industrial use.
- Draining & grinding sewage from restaurants, hotels, camping sites, etc.
- Suitable for using with dirty water that is not chemically aggressive.
- Discharging domestic waste water, and for emptying collection traps containing particle.
- Torsion up to 5 times to avoid being blocked.

Features

- Dual mechanical seals.
- Light acid & low corrosive resistance.
- Anti-rust Stainless Steel pump body.
- SUS440C "Cut & Grind" Cutter, hardness achieve "HRC55-60".
- AISI 304 Stainless Steel shaft.
- Motor with copper winding and thermal protection.
- VCT cable.

Materials

- Pump body: AISI 304 Stainless Steel
- Discharge & suction: Cast Iron
- Impeller: HT200 Grey Cast Iron
- Mechanical seals: Silicon Carbide

Motor

- Thermal sensor.
- Continuous operation.
- Internal capacitor.
- Insulation class: B
- Protection class: IP68
- Max. water temperature: 40°C

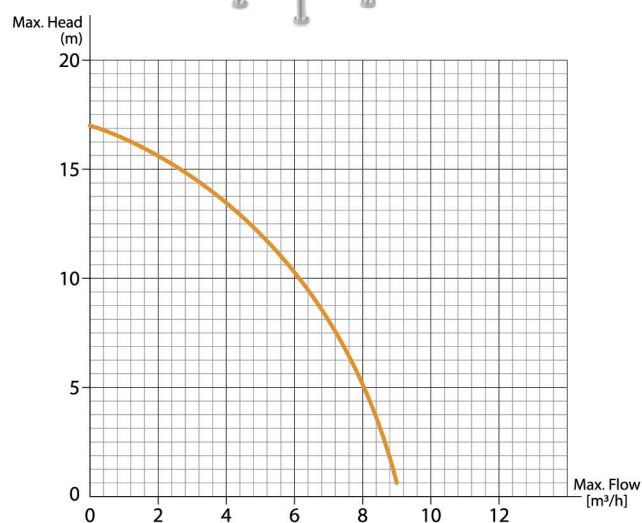
- **SPECIAL CUTTER STRUCTURE**
- **EXCELLENT CUTTING ABILITY**

Saw-shaped fixed blades are used in combination with a SUS440C "Cut & Grind" Cutter in an impeller integrated structure. This construction ensures that fibrous foreign matter is cut up, and sewage is transferred without clogging.



HT200 Impeller

SUS440C Cutter



TECHNICAL & PERFORMANCE DATA

Model	Motor Power			Max Head (m)	Max Flow (m³/h)	Outlet (mm)	Impeller Passage (mm)	Rotation (rpm)	Voltage
	kW	HP	A						
CUT-1500AUTO	1.5	2	8.5	17	9	50	-	2860	240V/50Hz

Model with "Auto", with Float Switch