



## C.R.I. WASTE WATER SUBMERSIBLE PUMPS

With the excellence gained in pump technology over the period of 50 years C.R.I. has introduced highly efficient and reliable sewage & drainage pumps in a comprehensive range. These pumps are available with different materials of construction and feature a multitude of applications in waste water handling and treatment.

Besides expanding its product portfolio, C.R.I. is firmly committed to contribute a vital role in creating a more pleasant affluent living condition world wide, which is one among its ambitious goal.

All C.R.I. drainage & sewage pumps are perfectly powered by motor designed to deliver optimal performance and to with stand vagaries of weather and power fluctuation.

C.R.I. 's well equipped R&D coupled with the latest engineering software & technology, highly flexible production facilities, stringent, integrated & modern quality control systems well tuned logistics system & steadfast work force ensure delivery of high standard and flawless products. Proven performance, functional design, quality and after sales support ensure trouble free operation year after year.

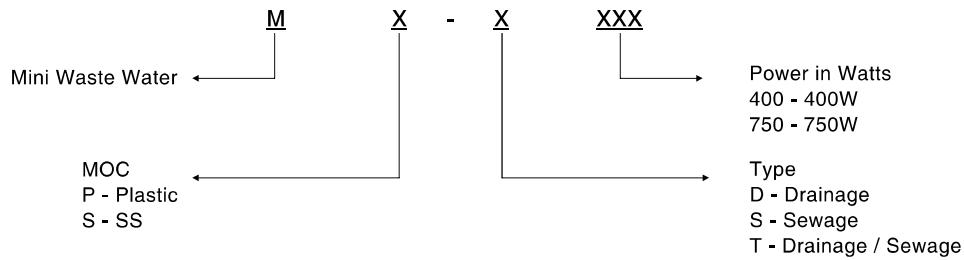
### Salient Features

| Heavy duty bearings | High efficiency copper wound motor | In built capacitor for single phase and contactor for three phase which eliminates starter / control box (DL & SL - Series) | Safe and quite operation | Most reliable and hard wearing | Tailor – made designs | Multipurpose applications | Easy and cost effective serviceability

### Applications

| Draining sewage water from hotels, houses, commercial buildings, complexes etc. | Pumping waste water in industries | Tunnels and mines | Pumping sewage water from stock farm and manhole sewer | Sewage treatment plants | Pumping municipal sewage water | Septic tanks | Leather factories

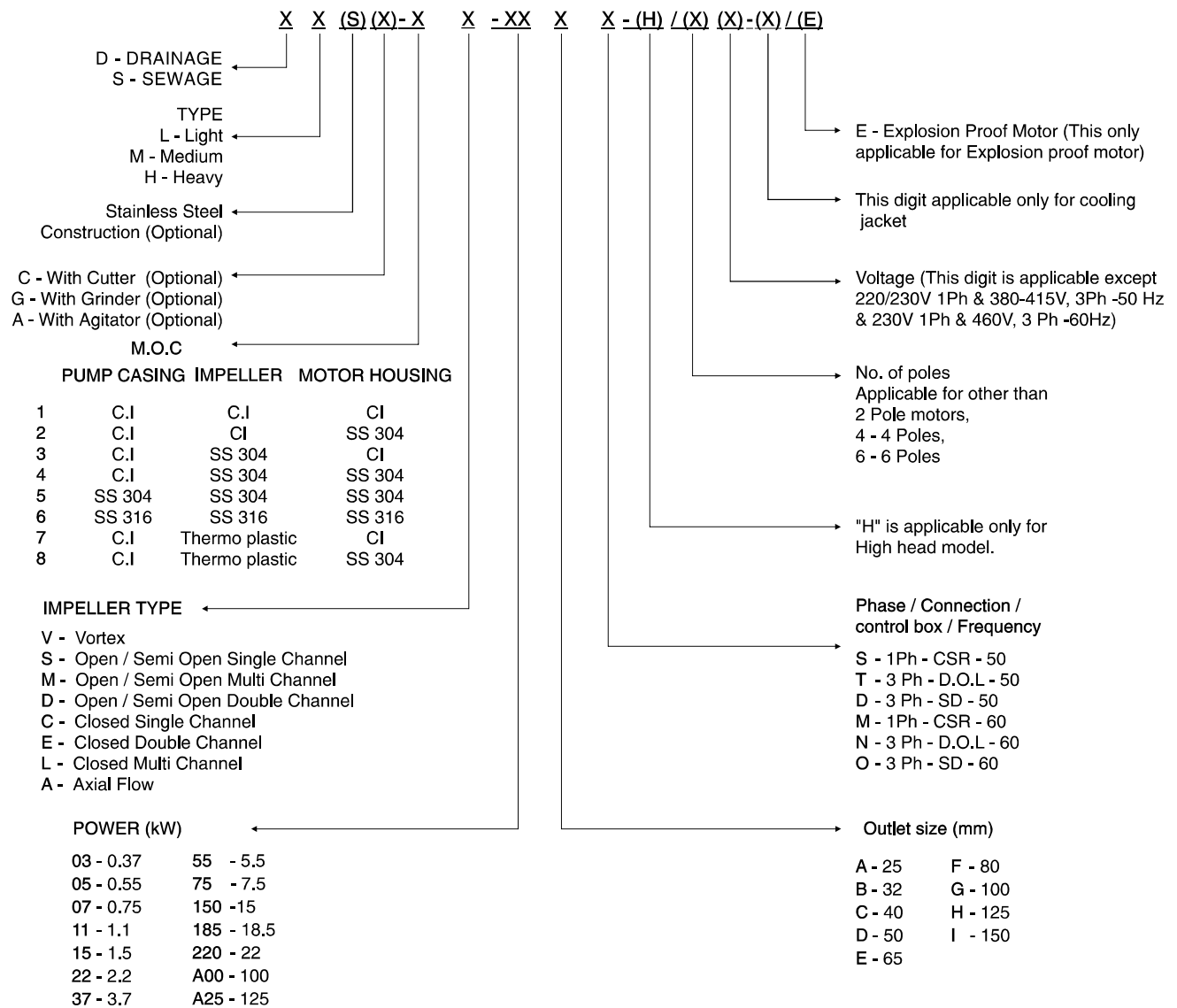
## Model Identification Code - MS & MP - Series



### Description

MS-S550-550Watts, 1Ph, 230V, 50Hz, Mini Sewage Submersible Pump

## Model Identification Code - DL & SL - Series



### Description

SLSC - 5V - 15ET : 1.5 kW - 3 Phase Stainless steel Light Sewage Pump with Cutter SS Vortex Impeller.

In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

## MS & MP - SERIES

### Technical Specification

|                       |  |
|-----------------------|--|
| Power Range           | 400 to 1100 Watts                        |
| Version               | Single Phase 230V, 50Hz, A.C. Supply     |
| Degree of Protection  | IP 68                                    |
| Insulation Class      | E  |
| Delivery Size         | MS - D : 1¼", MS - S : 1½", MP - T : 1½" |
| Max. Ambient temp.    | 40°C                                     |
| Max. liquid temp.     | 35°C                                     |
| pH value              | 6 -8.5                                   |
| Max. immersible depth | 5m                                       |

### Material of Construction

|                 | MS Series       | MP Series      |
|-----------------|-----------------|----------------|
| Pump body       | Stainless Steel | Plastic        |
| Impeller        | Thermoplastic   | Thermoplastic  |
| Shaft           | S.S 304         | S.S 304        |
| Pump casing     | Stainless Steel | Plastic        |
| Mechanical Seal | Carbon Ceramic  | Carbon ceramic |

### Applications

- .. Residential drainage and sewage
- .. Gardening
- .. De-watering

# Mini Sewage & Drainage Pumps - MS Series (SS Pump & Motor Body)

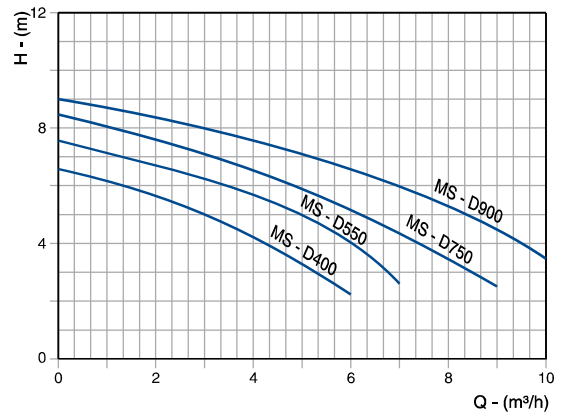
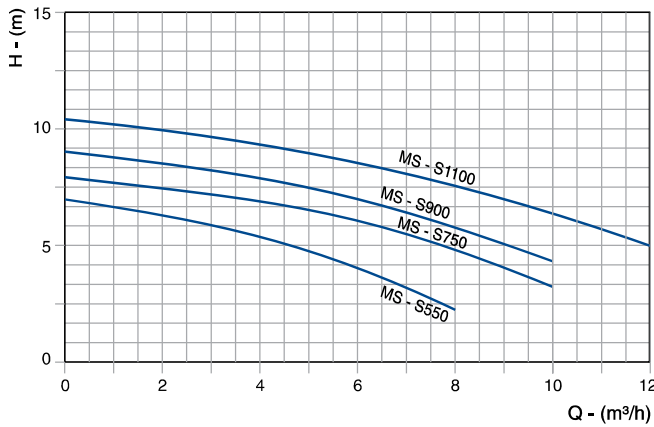


SEWAGE



DRAINAGE

## Performance Curves & Data



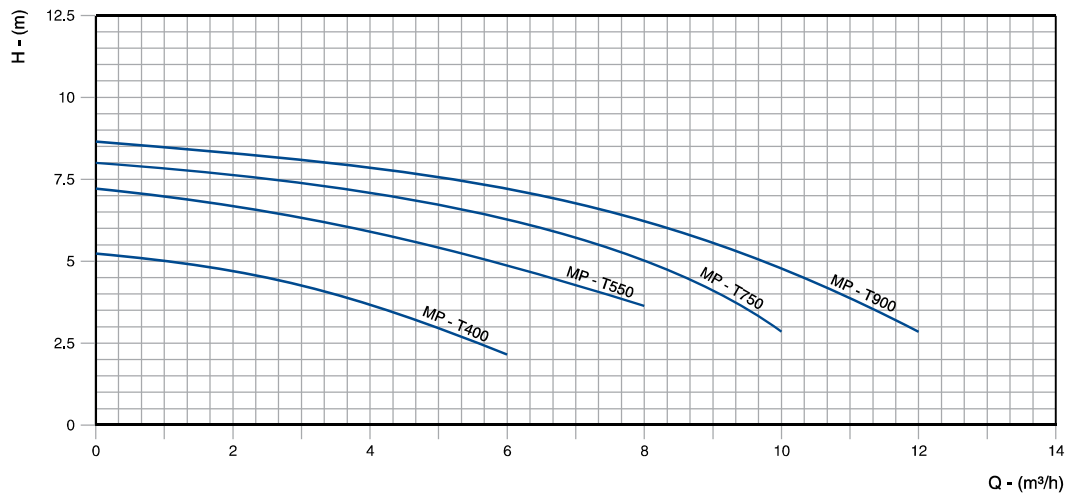
|          | Model      | Power (Watts) | Outlet Size | Solid Handling Capacity (mm) | Max. Flow (m³/h) | Max. Head (m) | Weight (kg) |
|----------|------------|---------------|-------------|------------------------------|------------------|---------------|-------------|
| Sewage   | MS - S550  | 550           | 1½"         | 25                           | 8                | 7             | 6           |
|          | MS - S750  | 750           | 1½"         | 25                           | 10               | 8             | 6.3         |
|          | MS - S900  | 900           | 1½"         | 25                           | 10               | 9             | 7           |
|          | MS - S1100 | 1100          | 1½"         | 25                           | 12               | 10.5          | 7.8         |
| Drainage | MS - D400  | 400           | 1¼"         | 5                            | 6                | 6.5           | 5           |
|          | MS - D550  | 550           | 1¼"         | 5                            | 7                | 7.5           | 5.5         |
|          | MS - D750  | 750           | 1¼"         | 5                            | 9                | 8.5           | 5.6         |
|          | MS - D900  | 900           | 1¼"         | 5                            | 10               | 9             | 5.8         |

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# Mini Drainage Pumps - **MP Series** (Plastic Pump & Motor Body)



## Performance Curves & Data



| Model     | Power (Watts) | Outlet Size | * Solid Handling Capacity (mm) | Max. Flow (m³/h) | Max. Head (m) | Weight (kg) |
|-----------|---------------|-------------|--------------------------------|------------------|---------------|-------------|
| MP - T400 | 400           | 1½"         | 25                             | 6                | 5.5           | 4           |
| MP - T550 | 550           | 1½"         | 25                             | 8                | 7             | 4.5         |
| MP - T750 | 750           | 1½"         | 25                             | 10               | 8             | 5           |
| MP - T900 | 900           | 1½"         | 25                             | 12               | 8.5           | 5.5         |

\* With legs unfolded condition.

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