

**NEXT GEN**  
PRODUCTS



**C.R.I. PUMPS**  
Pumping trust. Worldwide.

# Smart Pump for Smart People



Pressure Booster System | i-Smart Pump | Sewage & Drainage Pumps

# C.R.I. Wastewater Submersible Pumps

## MS, MP, DL, SL, SLC Series

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.

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

## Applications

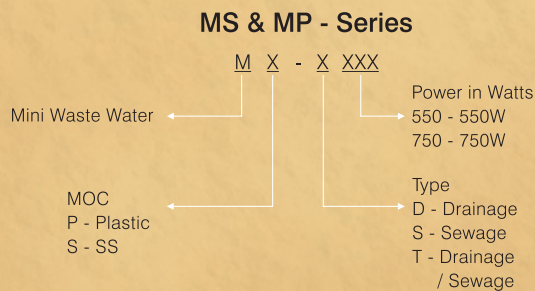
- Draining sewage water from hotels, houses, commercial buildings, complexes etc.
- Pumping waste water in industries • Pumping municipal sewage water • Septic tanks

## Salient Features

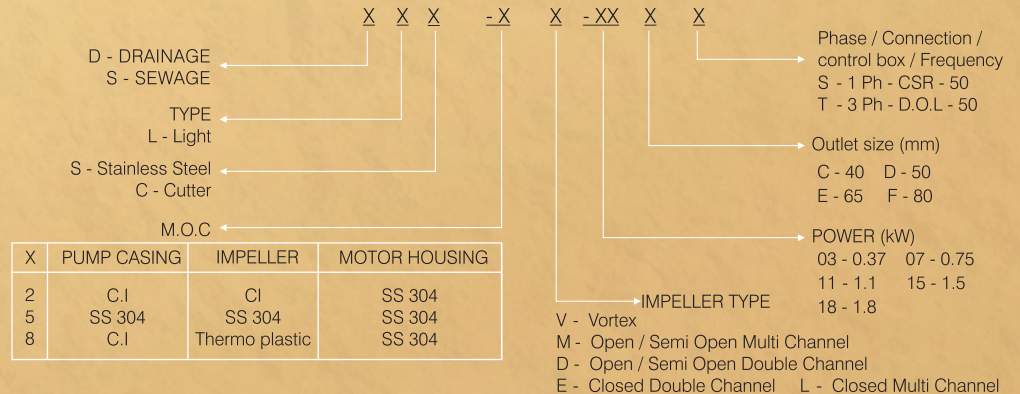
- Non clogging impellers ensures free flow of solids
- Cutter design yields fine solids for non clogging operation
- Corrosion resistant Stainless Steel 304 Grade Pump portion ensures longer life
- Plastic & SS body with Heavy Construction and Shock Proof
- Motor is designed with Self Cooling Effect
- Epoxy Potted water proof cables
- Prevention from dry run
- Efficient pumps with more energy savings
- Automatic ON/OFF operation ,enabled by adjustable float switch



### Model Identification Code



### DL, SL, SLC Series



# Specifications

	MS & MP Series	DL - Series	SL - Series	SLC - Series
Power Range	0.5-0.75kW (0.75-1 HP)	0.5-1.5 kW (0.75-2 HP)	0.5-2.2 kW (0.75-3 HP)	1.1-1.8 kW (1.5-2.4 HP)
Speed	2900 rpm			
Version	Single Phase 230V; Three Phase 380 - 415V; 50Hz A.C. Supply			
Degree of Protection	IP 68			
Insulation Class	E / B / H			
Motor Type	Dry - type			
Duty	S1 ( Continuous)			
Direction of Rotation	Clockwise			
Max. Immersion Depth	5m			
Sealing	Mechanical Seal			
Impeller Type	Closed Multi Channel	Closed Multi Channel Semi Open Double Channel	Vortex	Vortex Semi Open Double Channel
Max. Ambient Temp.	40°C			
Delivery Size (mm)	32, & 40mm	40, 50, 65, 80mm	40, 50, 65mm	50, 80mm
Solid handling capacity	Upto 25mm		Upto 35mm	
Max. Head	8.2 mtr		20 mtr	
Max. Flow	10 m <sup>3</sup> /h		25.2 m <sup>3</sup> /h	

## Impeller Type

					
Vortex	Semi open single channel	Semi open double channel	Semi open multi channel	Closed double channel	Closed multi channel

## Performance Data

Model	kW	HP	Outlet size mm	m <sup>3</sup> /hr	0	1	2	3	4	5	6	7	8	9	10	Solid Handling Capacity in mm	Weight in kg
MS-S550	0.55	0.75	40	Head in Metre	7	6.8	6.5	6.2	5.8	5	5.5	5.2	4.5	4		25	6
MS-S750	0.75	1	40		8	7.6	7.5	7	6.8	6.2	5.8	5.4	4.3	4	3.3	25	6.3
MS-D750	0.75	1	32		8.2	7.8	7.5	7	6.2	5.8	5	4.5	3.8	2.5		-	5.6
MP-T550	0.55	0.75	40		7	6.8	6.6	6.4	6	5.8	5.6	5.2	4.5	4		25	4.5
MP-T750	0.75	1	40		8	7.8	7.6	7.4	7	6.5	6	5.5	5	4	2.7	25	5

Model	kW	HP	Outlet size mm	m <sup>3</sup> /hr	0	2.5	5	7.5	9.4	10	12.5	13.8	Weight in kg
DL-8L-07DS	0.75	1	50	Head in Metre	20	19.5	19.2	18.5	17.5	16	14.5	12.8	17.5

Model	kW	HP	Outlet size mm	m <sup>3</sup> /hr	0	2.5	5	7.5	10	12.5	15	17.5	18.75	20	22.5	Weight in kg
DL-2L-15DT	1.5	2	50	Head in Metre	20	19.5	19.2	19	18.8	18.5	18	17	16	15.5	14	22

Model	kW	HP	Outlet size mm	m <sup>3</sup> /hr	0	3.6	7.2	10.8	14.4	18	21.6	25.2
DL-2V-05BS-A	0.55	0.75	32	Head in Metre	11	10.6	9.7	7.9				
DL-2V-05BT	0.55	0.75	32		11	10.6	9.7	7.9				

Model	kW	HP	Outlet size mm	m <sup>3</sup> /hr	0	3.6	7.2	10.8	14.4	18	21.6	25.2
DL-2V-07DS-A	0.75	1	50	Head in Metre	10	9.4	8.7	7.8	6.8	5.9		
DL-2V-07DT	0.75	1	50		10	9.4	8.7	7.8	6.8	5.9		
DL-2V-11DS-A	1.1	1.5	50		11	10.8	10.5	10.4	9	8.2	6.8	
DL-2V-11DT	1.1	1.5	50		11	10.8	10.5	10.4	9	8.2	6.8	
DL-2V-15DS-A	1.5	2	50		14	13.7	13.3	12.7	11.9	11.1	10.1	9
DL-2V-15DT	1.5	2	50		14	13.7	13.3	12.7	11.9	11.1	10.1	9

Only single phase pumps are provided with float switch.

# Performance Data

Model	kW	HP	Outlet size mm	m³/hr	0	2.5	5	7.5	10	12.5	15	Solid Handling Capacity in mm	Weight in kg
SL-2D-07CS	0.75	1	40	Head in Metre	18	17.5	16.5	15	14.5	13	12.5	25	22
SL-2D-07DS	0.75	1	50		14	13.5	12.8	11.3	11	9.5	8	35	22

Model	kW	HP	Outlet size mm	m³/hr	0	3.6	7.2	10.8	14.4	18	21.6	25.2	28.8	Solid Handling Capacity in mm	Weight in kg	
SL-2V-05CS-A	0.55	0.75	40	Head in Metre	7.2	6.3	5.3	4.4						39	14.7	
SL-2V-05CT	0.55	0.75	40		7.2	6.3	5.3	4.4							39	14.5
SL-2V-07CS-A	0.75	1	40		12.1	9.9	8.4	7.3							39	14.9
SL-2V-07CT	0.75	1	40		12.1	9.9	8.4	7.3							39	14.7
SL-2V-07DS-A	0.75	1	50		13.3	12.2	10.8	9.3	7.9	6.2					44	20.5
SL-2V-07DT	0.75	1	50		13.3	12.2	10.8	9.3	7.9	6.2					44	20.3
SL-2V-15DS-A	1.5	2	50		15.1	13.6	12.1	10.5	9	7.4	6				44	23.1
SL-2V-15DT	1.5	2	50		18.1	17	15.6	14	12.2	10.2	8.2	6.3	4.5		44	22.9

Model	kW	HP	Outlet size mm	m³/hr	0	7.2	14.4	21.6	28.8	36	43.2	Solid Handling Capacity in mm	Weight in kg		
SL-2V-11DS-A	1.1	1.5	50	Head in Metre	14.2	13.4	10.2	7.6					44	23.5	
SL-2V-11DT	1.1	1.5	50		14.5	13	10.6	8.1	5.5	3				44	23.6
SL-2V-22DT	2.2	3	50		18	16	13.8	11.5	9	6.5	3.5			44	25.6
SL-2V-11ES-A	1.1	1.5	65		10.2	9.5	8.6	7.3	5.6					55	25.7
SL-2V-11ET	1.1	1.5	65		10.2	9.5	8.6	7.3	5.6					55	25.7
SL-2V-22ET	2.2	3	65		17	15.4	13.6	11.8	9.4	6.9	4.6			55	26.7

Model	kW	HP	Outlet size mm	m³/hr	0	4	8	12	13	16	20	Solid Handling Capacity in mm	Weight in kg
SLC-2V-11DS/DT	1.1	1.5	50	Head in Metre	8	7	6.5	5.5	4.8	3.5		-	22.5
SLC-2D-18FS/FT	1.8	2.4	80		12	9.5	8.5	7.5	7	6.5	5		-





# C.R.I. PUMPS

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  - Fully equipped R&D wing recognized by Ministry of Science and Technology
  - ISO 9001 & 14001 accreditations
- 

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\*As the design and manufacture of pumps are subject to constant improvement, the product supplied may differ in some details from the information, descriptions, specifications and illustrations given.