

NEXT GEN

PRODUCTS

SMART PUMP FOR SMART PEOPLE



MP



MS



CDL/CDRF



DM



SM-1E



DL



SL-2D/SLC



SL-2V

- » Epoxy Potted water proof cables
- » Motor is designed with Self Cooling Effect



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

- » Non-Clogging Impellers ensures free flow of fluids
- » Plastic & SS body with Heavy Construction and Shock Proof

NEXTGEN PRODUCTS

PERFORMANCE CATALOGUE



VISION, MISSION AND VALUES

To be the industry leader providing best-in-class fluid management solutions to individual and institutional customers and societies in our chosen markets.

We will achieve this through our dedicated efforts to enhance the welfare of all our stakeholders and by living by our values of

Commitment, **R**eliability and **I**nnovation.



ABOUT C.R.I.

C.R.I. ranks high among the world's fastest-growing fluid management solutions provider with a wide global presence. C.R.I. offers Pumps, Motors, IoT Driven Pumps, IoT Drives & Controllers, Pipes, Wires & Cables, Solar Pumps and Controllers to meet the pumping needs of its wide customer base.



60+ Years of
Engineering Expertise



120+ Countries have
our strong **global presence**



21 + **Manufacturing Units**
around the World



30000+ **Outlets**
to serve our Customers



10000+ **Products**
for various applications



1500+ **Service Centres**
to support our Customers



22 Times **EEPC Award**
Winner for **Export Excellence**



8 Times **NEC Award**
Winner for **Energy Savings**



Fludyn Advanced Technology Centre
Recognized by Ministry of Science & Technology,
Govt. of India.

WASTEWATER SUBMERSIBLE PUMPS

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 withstand weather and power fluctuation, ensuring long-lasting operation even in demanding environments.

Applications

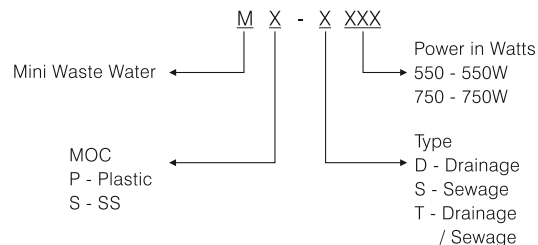
- Draining sewage water from hotels, houses, commercial buildings, complexes etc.,
- Pumping waste water in industries • Pumping municipal sewage water • Septic tanks
- STP Plant • ETP Plant.

Salient Features

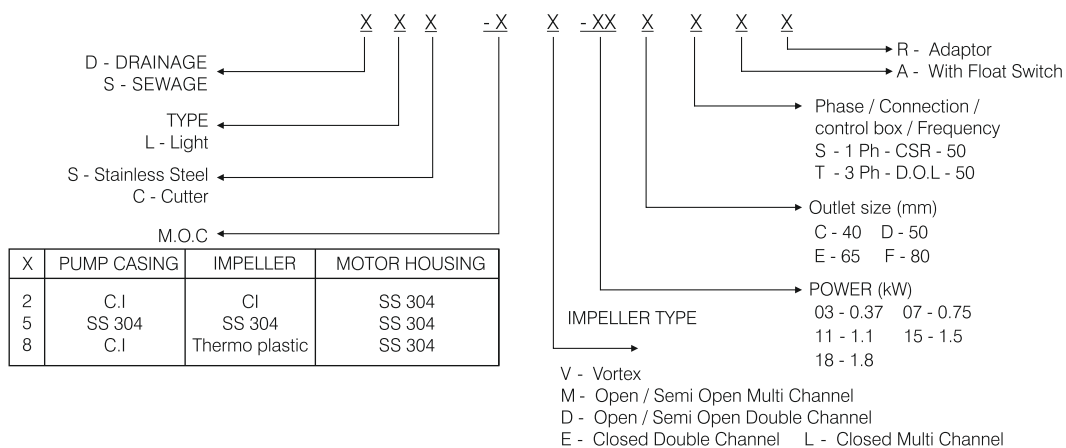
- Non clogging impellers ensures free flow of solids • Cutter design yields fine solids for non clogging operation • Corrosion resistant Stainless Steel 304 Grade Pump portion ensures longer life • Plastic & SS body with Heavy Construction and Shock Proof • Motor is designed with Self Cooling Effect • 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

MS & MP - Series



DL, SL, SLC, Series



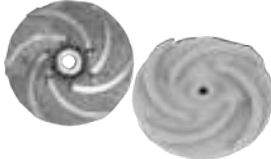
Specifications

	MS & MP	CDL / CDRF	DL	SL
Power Range	0.5 - 0.75 kW (0.75 - 1 HP)	0.4 & 0.75 kW (0.55 & 1HP)	0.37 - 1.5 kW (0.5 - 2 HP)	0.5 - 2.2 kW (0.75 - 3 HP)
Speed	2880 rpm			
Version	Single Phase 230V; Three Phase 380 - 415V; 50Hz A.C. Supply			
Degree of Protection	IP 68			
Insulation Class	E / B / H / F			
Motor Type	Dry - type			
Max. Immersion Depth	5m			
Sealing	Mechanical Seal			
Impeller Type	Closed Multi Channel	Vortex	Closed Multi Channel Semi Open Double Channel	Vortex
Max. Ambient Temp.	40°C			
Delivery Size (mm)	32 & 40mm	50 & 80mm	32, 50 & 80mm	40, 50 & 65mm
Solid handling capacity	Up to 35mm	6mm	-	Up to 55mm
Max. Head	8.2 metre	18 metre	20 metre	22 metre
Max. Flow	10 m ³ /hr	21 m ³ /hr	25.2 m ³ /hr	43.2 m ³ /hr



Specifications	SLC	SM/SH	DM
Power Range	0.75 - 7.5 kW (1.0 - 10 HP)	1.5 - 7.5 kW (2 - 15 HP)	0.75 - 26 kW (1 - 35 HP)
Speed	2880 rpm		
Version	Single Phase 230V; Three Phase 380 - 415V; 50Hz A.C. Supply		
Degree of Protection	IP 68		
Insulation Class	E / B / H / F		
Motor Type	Dry - type		
Max. Immersion Depth	5m		
Sealing	Double Mechanical Seal		
Impeller Type	Vortex Semi Open / Double Channel	Closed Double Channel	Vortex
Max. Ambient Temp.	40°C		
Delivery Size (mm)	50,65,80 & 100mm	50, 65 & 80mm	40, 50, 80, 100 & 150mm
Solid handling capacity	-	up to 30mm	up to 12mm
Max. Head	32 metre	55.5 metre	65 metre
Max. Flow	120 m ³ /hr	95 m ³ /hr	390 m ³ /hr

Impeller Type

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

PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

MINI SEWAGE & DRAINAGE PUMP - MS & MP

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	1	2	3	4	5	6	7	8	9	10	Solid Handling Capacity in mm
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
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
MS-D750	0.75	1	32		8.2	7.8	7.5	7	6.2	5.8	5	4.5	3.8	2.5		-
MP-D400	0.40	0.55	40		5	4.8	4.5	4	3.5	2.8	1.9	0.9				35
MP-D750	0.75	1	40		8	7.8	7.5	7.1	6.8	6.3	5.8	5.2	4.5	3.7	2.9	35
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
MP-T750	0.75	1	40		8	7.8	7.6	7.4	7	6.5	6	5.5	5	4	2.7	25

MS & MP models are Aluminium Winding.
MS & MP models comes with Float Switch.

CONSTRUCTION DEWATERING PUMP - CDL

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	2	4	6	8	10	12	14	16	18	Solid Handling Capacity in mm
CDL-55	0.4	0.55	50	Head in Metre	12	11	10	9	7	5	2	1			6
CDL-100	0.75	1.0	50		18	17	16	15	13	11	9	6	2		6
CDL-101	0.75	1.0	80		17	16	15	14	13	12	10	7	5	2	6

CONSTRUCTION DEWATERING RESIDENTIAL FLOODING PUMP - CDRF

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	3	6	9	12	15	18	21	Solid Handling Capacity in mm
CDRF-75	0.5	0.75	50	Head in Metre	10.6	9.7	9	8	6	4	1		6
CDRF- 100	0.75	1	50		13.6	12.8	12.5	10.4	9.3	6.5	3.6		6
CDRF-101	0.75	1	80		8.3	7.6	6.8	6.3	5.3	4.8	4	1.2	6

CDRF models are oil filled motor design.

The above models are supplied with 10 Meter cable.



Pumping trust... Worldwide.

PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

MEDIUM DRAINAGE PUMP - DL

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	2.5	5	7.5	10	12.5	15	17.5	18.75	20	22.5
DL-2L-11ES/ET	1.1	1.5	65	Head in Metre	16	15.8	15.6	15.4	15.2	15	14.5	14	13		
DL-2L-15DS/DT	1.5	2	50		20	19.5	19.2	19	18.8	18.5	18	17	16	15.5	14

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	5	10	15	20	25	30	35	40	42
DL-2L-15FS/FT	1.5	2	80	Head in Metre	11.5	11.2	11	10.8	10.6	10.4	10.2	9	8.5	7.6

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	2.5	5	7.5	10	12.5	15	17.5	18.75	20	22.5
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

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	3.6	7.2	10.8
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 ³ /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-07DS	0.75	1	50		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

The above models are supplied with 10 Meter cable.

"A" - are available with Float Switch.



PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

MEDIUM DRAINAGE PUMP - DL

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	2.5	5	7.5	9.4	10	12.5	13.8
DL-8L-03CS	0.37	0.5	40	Head in Metre	13	12.5	11	9	7.5	6.5	5	
DL-8L-07DS	0.75	1	50		20	19.5	19.2	18.5	17.5	16	14.5	12.8

MEDIUM SEWAGE PUMP - SL

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	2.5	5	7.5	10	12.5	15	Solid Handling Capacity in mm
SL-2D-07CS	0.75	1	40	Head in Metre	18	17.5	16.5	15	14.5	13	12.5	25
SL-2D-07DS	0.75	1	50		14	13.5	12.8	11.3	11	9.5	8	35

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	3	6	9	12	15	18	19.98	Solid Handling Capacity in mm
SL-2D-11DT/DS	1.1	1.5	50	Head in Metre	9	8.7	8.1	7.3	6.3	5	3.5	2.5	35

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	Solid Handling Capacity in mm
SL-2D-15DT/DS	1.5	2	50	Head in Metre	22	21.4	20.5	19.5	18.2	16.5	14.5	11.8	9	6	10

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	6	12	18	24	30	36	42	Solid Handling Capacity in mm
SL-2D-22DT/DS	2.2	3	50	Head in Metre	17.3	16.4	15.2	13.8	12	10	7.6	4.8	20
SL-2D-22ET/ES	2.2	3	65		17.3	16.4	15.2	13.8	12	10	7.6	4.8	20

The above models are supplied with 10 Meter cable.

Single phase pumps are provided with Float Switch.



Pumping trust... Worldwide.

PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

MEDIUM SEWAGE PUMP - SL

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	3.6	7.2	10.8	14.4	18	21.6	25.2	28.8	Solid Handling Capacity in mm
SL-2V-05CS-A	0.55	0.75	40	Head in Metre	7.2	6.3	5.3	4.4						39
SL-2V-05CT	0.55	0.75	40		7.2	6.3	5.3	4.4						39
SL-2V-07CS-A	0.75	1	40		12.1	9.9	8.4	7.3						39
SL-2V-07CT	0.75	1	40		12.1	9.9	8.4	7.3						39
SL-2V-07DS-R	0.75	1	50		12.1	9.9	8.4	7.3						39
SL-2V-07DS-AR	0.75	1	50		12.1	9.9	8.4	7.3						39
SL-2V-07DS-A	0.75	1	50		13.3	12.2	10.8	9.3	7.9	6.2				44
SL-2V-07DT	0.75	1	50		13.3	12.2	10.8	9.3	7.9	6.2				44
SL-2V-07DT-R	0.75	1	50		12.1	9.9	8.4	7.3						39
SL-2V-15DS-A	1.5	2	50		15.1	13.6	12.1	10.5	9	7.4	6			44
SL-2V-15DT	1.5	2	50		18.1	17	15.6	14	12.2	10.2	8.2	6.3	4.5	44

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

MEDIUM SEWAGE CUTTER PUMP - SLC

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	4	8	12	13	16	20
SLC-2V-11DS/DT	1.1	1.5	50	Head in Metre	8	7	6.5	5.5	4.8	3.5	
SLC-2D-18FS/FT	1.8	2.4	80		12	9.5	8.5	7.5	7	6.5	5

The above models are supplied with 10 Meter cable.

"A" denoted models are available with Float Switch.

"R" denoted models are supplied with Hose Collar.

Single phase pumps are provided with Float Switch.



PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

MEDIUM SEWAGE CUTTER PUMP - SLC

Model	kW	HP	Outlet size (mm)	m³/hr	0	2	4	6	8	10	12	14	16
SLC-2D-07DS	0.75	1	50	Head in Metre	15.5	15	14.5	13.5	12.5	11.5	10.5	8.5	6.5

Model	kW	HP	Outlet size (mm)	m³/hr	0	5	10	15	20	25	30	35	40	45	50	55
SLC-2D-22DS	2.2	3	50	Head in Metre	23.3	21.5	20	18.5	16.5	15.5	12.3					
SLC-2D-22DT	2.2	3	50		24.5	22.5	20.5	17.5	14.5	11.5						
SLC-2D-22ES	2.2	3	65		23.5	22.2	20.5	19	17.5	15.5	13.5	11.5	9.5	7	5	
SLC-2D-22ET	2.2	3	65		24.5	23.5	21.5	20	18.5	16.5	14.5	12.5	10.5	8	5.5	
SLC-2D-30DT	3	4	50		24	23	21.5	20.5	19.5	18	16	13.5				
SLC-2D-30ET	3	4	65		25.5	24	22.5	20.5	19	17.5	15.5	14	12	10	8	6
SLC-2D-30FT	3	4	80		25.5	24	22.5	21	19.5	18	16.5	15	13	11.5	9.5	7.5
SLC-2D-40DT	4	5.5	50		26.5	25	23.5	22.5	21.5	20	18.5	17	15.5			

Model	kW	HP	Outlet size (mm)	m³/hr	0	10	20	30	40	50	60	70	80	90	100	110	120
SLC-2D-40ET	4	5.5	65	Head in Metre	28.5	26.5	24	22	20	17.5	15	11.5	8				
SLC-2D-40FT	4	5.5	80		27.5	25	23	20.5	18	15.5	12.5	9.5	6				
SLC-2D-40GT	4	5.5	100		27.5	25.5	23.5	21.5	19.5	17.5	15.5	12.5	9.5				
SLC-2D-55FT	5.5	7.5	80		24	22	19.5	17.5	15.5	13	10.5	8	5				
SLC-2D-55GT	5.5	7.5	100		30	27.5	25.5	23	21	19	17	14.5	12	9	6		
SLC-2D-75FT	7.5	10	80		28.5	26.5	25	23	21	19	17	14.5	12.5	10	8		
SLC-2D-75GT	7.5	10	100		32	30	28.5	26.5	25	23	21.5	19.5	18	16	14.5	12.5	10.5

HEAVY SEWAGE PUMP - SM

Model	kW	HP	Outlet Size in MM	m³/hr	0	5	10	15	20	25	28	30	32.5	Solid Handling Capacity in mm
SM-1E-15DT	1.5	2	50	Head in Metre	16.7	16	15.5	15	10.7	10.7	8.6	6.6	3.9	15
SM-1E-22DT	2.2	3	50		25	23.5	21.8	18.9	11.8	11.8	8.2	5.9	1.7	15

The above models are supplied with 10 Meter cable.

Single phase pumps are provided with Float Switch.



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PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

HEAVY SEWAGE PUMP - SM

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	5	10	15	20	25	30	35	38	40	43.5	Solid Handling Capacity in mm
SM-1E-30ET	3	4	65	Head in Metre	27.7	26.5	25.4	21.2	23	22	20	17.1	14.1	11.7	6.6	25

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	10	20	30	40	50	60	63	65	67.5	Solid Handling Capacity in mm
SM-1E-30FT	3	4	80	Head in Metre	21.8	21.2	20.4	19.3	17.5	14.9	11.4	10.5	9.6	8	30
SM-1E-40FT	4	5.5	80		32	30.2	28.2	26	21.4	15.8	9.7	7.7			30

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	5	10	15	20	25	30	35	40	45	50	Solid Handling Capacity in mm
SM-1E-55FT	5.5	7.5	80	Head in Metre	36.5	36	35.5	34.8	33.5	32.4	30	28.6	26	22.6	16.2	30

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	10	20	30	40	50	60	70	80	90	95	Solid Handling Capacity in mm
SM-1E-75GT	7.5	10	100	Head in Metre	28.3	27	26	24.4	22.8	20.7	18.4	15.6	12.3	8.2	5.8	30

HEAVY SEWAGE PUMP - SH

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	5	10	15	20	25	30	35	40	45	50	55	Solid Handling Capacity in mm
SH-1E-110ET	11	15	65	Head in Metre	55.5	53.5	52.5	51	49	46.5	42	44.5	39.5	37	33.5	30.5	25

The above models are supplied with 10 Meter cable.



PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

CENTRAL DELIVERY DEWATERING PUMP - DM



Model	kW	HP	Outlet Size in MM	m³/hr	0	5	10	15	20	25	Solid Handling Capacity
DM-1M-15DT	1.5	2	50	Head in Metre	21.4	19.5	17.3	14.7	11.4	6.7	8.5
DM-1M-22DT	2.2	3	50		26.1	25.3	24	22	18	10.4	8.5
DM-1M-37DT	3.7	5	50		35.1	32.7	30.2	27.4	24	20	8.5

Model	kW	HP	Outlet Size in MM	m³/hr	0	10	20	30	35	40	45	50	60	Solid Handling Capacity
DM-1M-15FT	1.5	2	80	Head in Metre	14.6	13.5	11.6	8.2	5.5					8.5
DM-1M-22FT	2.2	3	80		20.5	19.3	16.7	13	10.7	7.7	3.9			8.5
DM-1M-37FT	3.7	5	80		29.5	27.3	24.4	20	17.5	14.5	10.9	6.7		8.5
DM-1M-55FT	5.5	7.5	80		32.4	31.3	29.3	27	25.2	23.4	21.1	18.6	11.1	8.5

Model	kW	HP	Outlet Size in MM	m³/hr	0	20	40	50	60	70	80	90	100	Solid Handling Capacity
DM-1M-37GT	3.7	5	100	Head in Metre	18	16.4	14.1	12.3	10.2	7.5	4.2			8.5
DM-1M-55GT	5.5	7.5	100		22.7	20.6	18.1	16.5	14.9	13.7	10.4	7	3.3	8.5

Model	kW	HP	Outlet Size in MM	m³/hr	0	10	20	30	40	50	60	70	80	Solid Handling Capacity
DM-1M-75GT	7.5	10	100	Head in Metre	15.4	14.6	13.7	12.9	12	10.9	9.7	8.3	6.7	11.5
DM-1M-110GT	11	15	100		50	46	42	37.8	33.6	28.6	23.7	18	11.4	11.5
DM-1M-150GT	15	20	100		55.8	53.6	51.8	49.9	47.9	45.5	42.9	38.4	29.3	11.5

The above models are supplied with 10 Meter cable.

DM-1M is Cast Iron Motor Body.



Pumping trust... Worldwide.

PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

CENTRAL DELIVERY DEWATERING PUMP - DM

Model	kW	HP	Outlet Size in MM	m ³ /hr	0	20	40	60	80	100	110	120	130	140	150	Solid Handling Capacity
DM-1M-75IT	7.5	10	150	Head in Metre	31	28.2	25.1	21.5	16.9	11.6	8.7					19.5
DM-1M-110IT	11	15	150		32.7	30.8	28.7	25.9	22.7	18.4	16.1	13	9.9	6.9		19.5
DM-1M-150IT	15	20	150		41.1	38.6	37.1	35.3	33.5	31	29.3	26.8	24.1	19.6	12.2	19.5

The above models are supplied with 10 Meter cable.

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	6	7.2	10.5	16.5	19.5	21	24	Solid Handling Capacity in mm
DM-2M-07CS	0.75	1	40	Head in Metre	12		10		8		5		3
DM-2M-15DS	1.2	2	50		16	14		12	10	8		5	5

DM-2M 07CS model is supplied with 5 Meter cable.
DM-2M-15DS model is supplied with 10 Meter cable

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	15	18	27	33	36	42	48	Solid Handling Capacity in mm
DM-2M-22FT	2.2	3	80	Head in Metre	20	17	16	14	12	10	8	5	8

The above model is supplied with 10 Meter cable.

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	3	12	18	30	33	39	45	54	57	66	Solid Handling Capacity in mm
DM-2M-37GT	3.7	5	100	Head in Metre	25	24	22	20	17	16	14	12	10	8	5	8

The above model is supplied with 15 Meter cable.

Model	kW	HP	Outlet size (mm)	m ³ /hr	0	12	15	21	30	39	45	51	54	60	69	84	Solid Handling Capacity in mm
DM-2M-55GT	5.5	7.5	100	Head in Metre	27	25	24	22	20	17	16	14	12	10	8	5	12

The above model is supplied with 15 Meter cable.

DM-1M is Cast Iron Motor Body.
DM-2M is Stainless Steel Motor Body.



PERFORMANCE CHART

2880 RPM, Single Phase - 220 Volts, Three Phase - 380-415 Volts 50 Hz, A.C. Supply

CENTRAL DELIVERY DEWATERING PUMP - DM

Model	kW	HP	Outlet size (mm)	m³/hr	0	6	12	24	27	36	45	63	69	78	84	90	96	105	Solid Handling Capacity in mm
DM-2M-75GT	7.5	10	100	Head in Metre	30	28	27	25	24	22	20	17	16	14	12	10	8	5	12

The above model is supplied with 15 Meter cable.

Model	kW	HP	Outlet size (mm)	m³/hr	0	15	24	36	45	54	60	66	Solid Handling Capacity in mm
DM-2M-110GTH	11	15	100	Head in Metre	65	60	50	40	30	20	10	5	12

The above model is supplied with 20 Meter cable.

Model	kW	HP	Outlet size (mm)	m³/hr	0	6	18	30	48	54	72	90	108	114	126	138	150	168	210	Solid Handling Capacity in mm
DM-2M-110HT	11	15	150	Head in Metre	31	30	28	27	25	24	22	20	17	16	14	12	10	8	5	12

The above model is supplied with 20 Meter cable.

Model	kW	HP	Outlet size (mm)	m³/hr	0	30	60	75	90	120	126	138	150	168	174	192	228	270	300	345	Solid Handling Capacity in mm
DM-2M-185HT	18.5	25	150	Head in Metre	39	35	30	28	27	25	24	22	20	17	16	14	12	10	8	5	12

The above model is supplied with 20 Meter cable.

Model	kW	HP	Outlet size (mm)	m³/hr	0	30	36	60	90	108	126	150	156	186	210	234	246	264	288	315	330	390	Solid Handling Capacity in mm
DM-2M-260HT	26	35	150	Head in Metre	42	40	39	35	30	28	27	25	24	22	20	17	16	14	12	10	8	5	12

The above model is supplied with 20 Meter cable

DM-2M is Stainless Steel Motor Body.



Pumping trust... Worldwide.

SELFPRIMING NON-CLOG MONOBLOCK PUMPS

Dross



PERFORMANCE CHART

PUMP MODEL	MOTOR POWER			NOMINAL PUMP SIZE IN MM (Suction x Delilvery)	TOTAL HEAD IN METRES											
					6	8	10	12	14	16	18	20	22	24	SOLID HANDLING SIZE IN mm	
	kW	HP	RPM		19.5	26	33	39	46	52.5	59	65.5	72	78		
	DISCHARGE IN LPM															
DROSS-140 / T/DROSS-140	0.75	1.0	2880	40 x 40	270	240	198	144	96	-	-	-	-	-	7.0	
DROSS-240 / T/DROSS-240	1.5	2.0	2880	40 x 40	-	-	336	300	246	180	84	-	-	-	8.5	
T/DROSS-350	2.2	3.0	2880	50 x 50	-	-	510	480	444	390	324	252	168	60	10.5	
T/DROSS-580	3.7	5.0	1440	80 x 80	-	-	1050	930	750	480	204	-	-	-	15.5	

C.R.I. DROSS Series Self-priming non-Clog Monoblock Pump's are especially designed to dewater the sewage and sludges from trenches and pits. It is designed with non-clogging semi open type impellers which is supports for handling suspended solids. These pumps are powered by a totally enclosed fan cooled A.C. induction motor. Motor stator is made of low watt loss silicon steel laminations assembled under pressure and rigidly locked in the frame. Construction of motor frames and usage of quality materials result in high performance and low temperature rise thereby increasing the life cycle of the motor.

Applications

• Pumping from Septic tanks in all types of Industries • Draining sewage / Rain water from hotels, malls & commercial buildings • Water recycling plants • Pumping waste water in Tunnels & Mines

Salient Features

• Non clogging impellers ensures free flow of solids • Solid Handling capacity upto 15.5mm • Quick automatic Self-priming function-no need for footvalve • Back-pull out type for easy maintenance • Efficient pumps with more energy savings.

Specifications

Power range	0.75kW - 3.7kW (1HP - 5HP)
Maximum head	24 meter
Maximum flow rate	1050 lpm
Type of Duty	S1 (Continuous)
Versions	1Ph 200-240V / 3Ph 380-415V, 50Hz, A.C. Supply
Sealing	DROSS 140 Mechanical seal arrangement, DROSS 240,350 & 580 Stuffing box arrangement

NOTE : Performance applicable to liquid of specific gravity 1.02 and viscosity as of water.

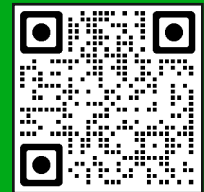


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