

DRENOX

STAINLESS STEEL SUBMERSIBLE DRAINAGE PUMP



DRENOX 80/7



FEATURES

Strong, durable and corrosion resistant stainless steel construction.

Heat exchange chamber allows pump to run for long periods without complete immersion.

Drainage level to 3mm.*

Free passage up to 6mm.

Vortex impeller.

Dual lip seal.

Float switch.

Moisture sealed cable inlet.

Max head -9.5m.

Max flow - 250lpm.

APPLICATIONS

- Disposal of domestic waste water.
- Dewatering (clean water).
- Fountains and water features.

PUMP INFORMATION

Vertical, single-stage, submersible pump capable of pumping solids up to 6mm in diameter. 1¼" BSP (male) discharge port.

Pump casing:	304SS.
Suction grille:	304SS.
Motor body:	304SS.
Impeller:	-80/7 Polycarbonate -250/10 304SS.
Motor shaft:	304 w. ceramic coating at points of wear on seal.
Mechanical seal:	Dual lip seal.

OPERATING CONDITIONS

Drainage pump for the disposal of faecal free waste water, including rainwater and lightly polluted (non-aggressive) liquids containing particles up to 6mm. Install pump vertically (hose connection possible).

Fluid:	Water.
Maximum water temperature:	40°C.
Minimum water temperature:	1°C.
Maximum submergence:	7m.
Minimum drainage level 80/7:	3mm*
Minimum drainage level 250/10:	35mm*
Pump on level (fact. set) 80/7:	250mm.
Pump off level 80/7:	100mm.
Pump on level (fact. set) 250/10:	351mm.
Pump off level 250/10:	111mm.

*when operated manually.

ELECTRICAL DATA

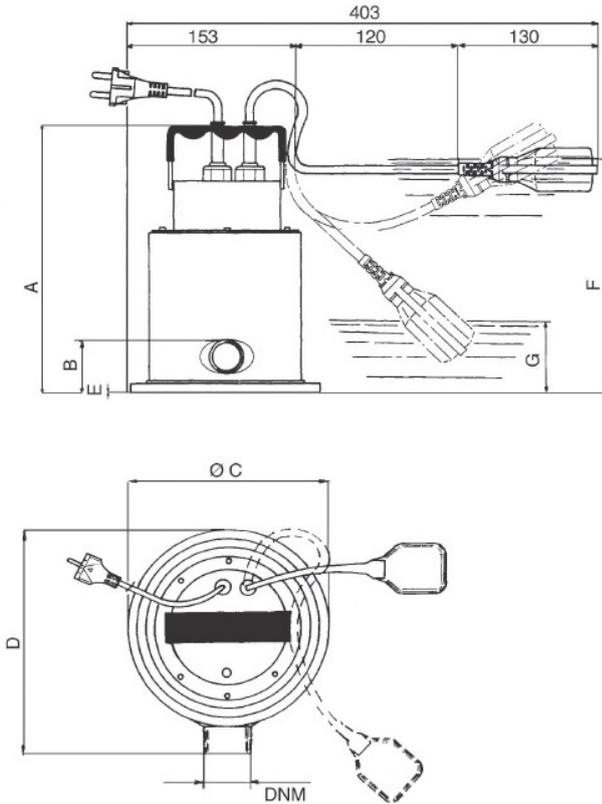
Type	Type of current	Voltage $\pm 10\%$	Frequency Hz	Motor rating kW		RPM min	Current Ampere	Motor protection	Insulation class	IP rating	Cable length
				P1	P2						
Drenox 80/7	1-phase	230	50	.3	.2	2850	1.3 A	Auto	F	IP68	10 m
Drenox 250/10	1-phase	230	50	.9	.55	2850	4.5 A	Auto	F	IP68	10 m

DIMENSIONS

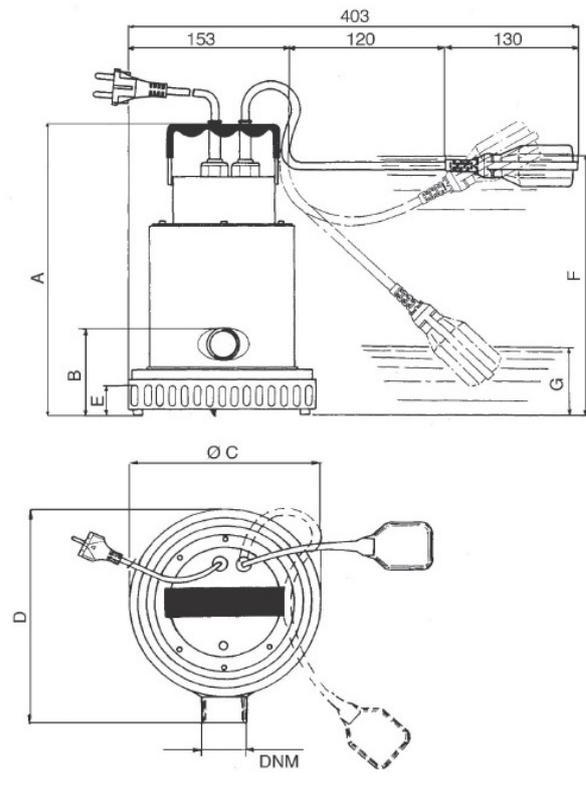
Type	A	B	C	D	E*	F	G	Weight approx.	Packed L x W x H	Packed weight	Discharge branch	Free passage	Continuous operating temperature range
80/7	231	61	177	182	3	250	100	5.7kg	220 x 190 x 310 mm	5.7kg	1 1/4" BSP (male)	3 mm	1°C - 40°C
250/10	338	94	177	182	35	351	111	7kg	220 x 190 x 165 mm	8.6kg	1 1/4" BSP (male)	6 mm	1°C - 40°C

* Minimum drainage level refers to manual operating mode.

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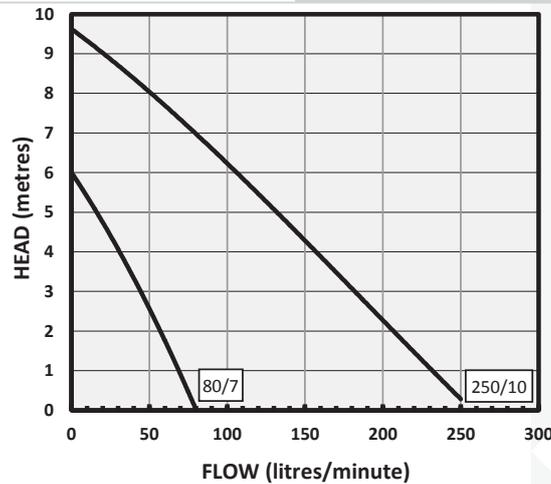


DRENOX 250/10



PERFORMANCE

Type	P/No	Delivery head [m]	1	2	3	4	5	6	7	8	9
Drenox 80/7	P1031020	Flow rate capacity [lpm]	68	57	44	31	16	-	-	-	-
Drenox 250/10	P1031400		233	206	183	157	133	106	79	51	20



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