

NOCCHI DRENOX

SUBMERSIBLE SUMP PUMPS FOR DRAINING CLEAR WATER

The DRENOX series pumps are built entirely in AISI 304 stainless steel. Cooling of the motor is via a heat exchange chamber that allows the machine to work for long periods when not completely submerged. Equipped with Ø 32 mm hose adapter. Automatic version equipped with float switch.

MOTOR

- Dry motor with stainless steel casing
- Level of protection IP68
- Class F insulation
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Three phase power supply with external protection provided by the user
- Completely insulated cable connection chamber
- Self-lubricating ball bearings
- Speed of rotation 2850 rpm

APPLICATIONS

- Drainage of seepage water, pumping of rain water, from a grating or drain, pumping of domestic waste water, drainage of environments, bathing and swimming pools, industrial applications
- Fountains and water features
- Surface irrigation

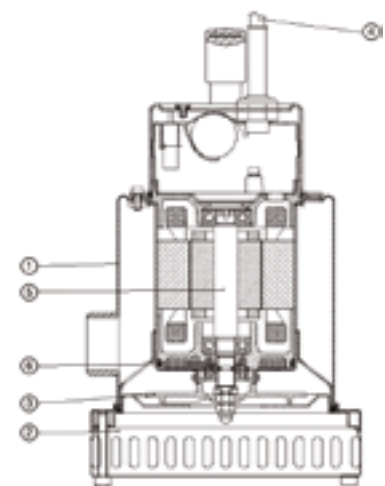
USAGE LIMITATION

- Type of liquid: partially effluent and dirty clear water, non-aggressive liquids
- Maximum liquid temperature 40°C
- Maximum submersion under the water level 7m
- Minimum drainage level 3 mm for model 80/7, 35 mm for the other models (manual version)
- Free clearance of solids 3 mm for models 80/7, 6 mm for the other models



DESIGN FEATURES

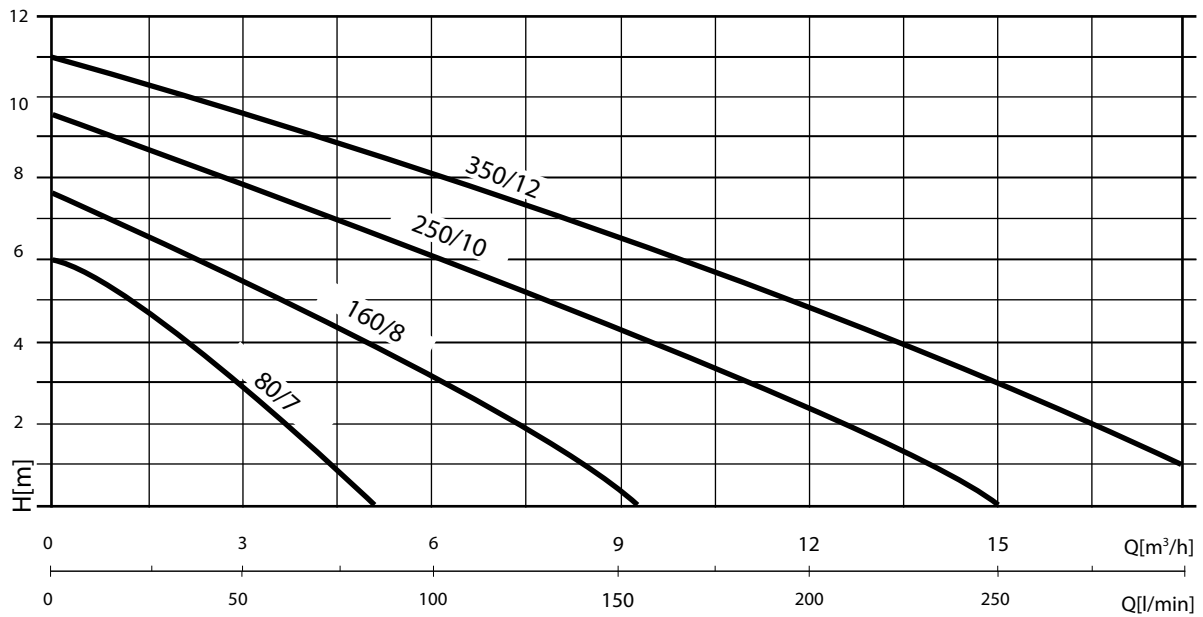
	Component	Material
1	Pump body	X 5 CrNi 1810 (AISI 304) Stainless steel
2	Suction grid	X 5 CrNi 1810 (AISI 304) Stainless steel
3	Impeller	X 5 CrNi 1810 (AISI 304) Cast stainless steel
4	Power cable	10m H07 RN-F with plug
5	Motor shaft	Stainless steel shaft with a ceramic facing at the points of seal wear
6	Seal	Fixed double NBR 70 rubber seal with special sand guard V-ring. Oil chamber for seal lubrication.



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HYDRAULIC PERFORMANCE



MODEL	Nominal power (P2)		Motor power (P1)		VOLT	In (A)	μF	Q	L/1'	10	40	60	80	120	160	240	300
	HP	kW	HP	kW					m³/h	0,6	2,4	3,6	4,8	7,2	9,6	14,4	300
DRENOX 80/7 DRENOX 80/7 AUT	0,3	0,2	0,4	0,3	1 - 220 ÷ 240 V	1,3	6,3	m.c.a. / m.c.w.	5,4	3,3	1,8						
DRENOX 160/8 DRENOX 160/8 AUT	0,55	0,40	0,75	0,55	1 - 220 ÷ 240 V	2,4	8		7	5,8	5	4,1	2,2				
DRENOX 250/10 DRENOX 250/10 AUT	0,75	0,55	1,2	0,9	1 - 220 ÷ 240 V	4,5	10		9,4	8,5	7,6	7,2	5,1	4,0	1		
DRENOX 350/12 DRENOX 350/12 AUT	1,1	0,8	1,6	1,2	1 - 220 ÷ 240 V	5,1	16		10,5	10	9,5	9	7,7	6,5	3,4	1	
DRENOX 350/12 T	1,1	0,8	1,6	1,2	3 - 400 V	2			10,5	10	9,5	9	7,7	6,5	3,4	1	

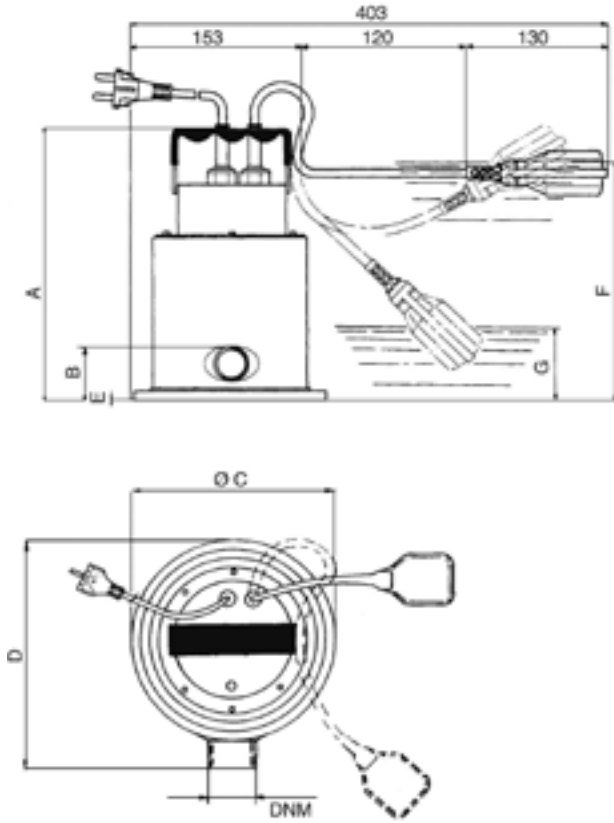
Automatic version equipped with float switch

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HYDRAULIC PERFORMANCE

DRENOX 80/7



DRENOX 160/8 - 250/10 - 350/12

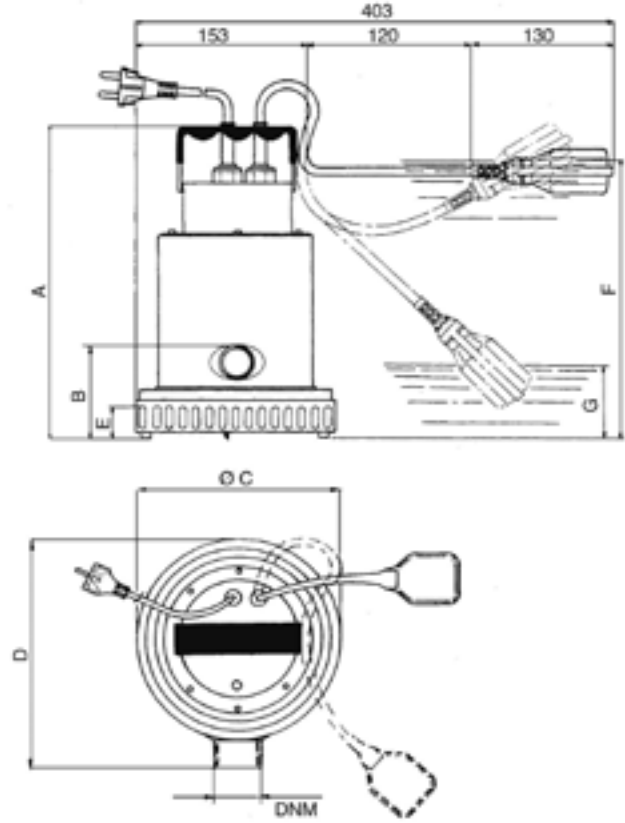


TABLE OF SIZES AND WEIGHTS

MODEL	Dimensions mm.									Weight (Kg)
	A	B	C	D	Minimum drainage level E*	Start level F	Stop level G	Free bore	DNM	
DRENOX 80/7	231	61	177	182	3	250	100	03	1" 1/4	5,7

* Start and stop level refers to the version equipped with floating switch - The minimum drainage level refers to the manual version

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MODEL	Dimensions mm.									Weight (Kg)
	A	B	C	D	Minimum drainage level E*	Start level F	Stop level G	Free bore	DNM	
DRENOX 160/8	300	94	177	182	35	320	107	06	1" 1/4	6,5
DRENOX 250/10	338	94	177	182	35	351	111	06	1" 1/4	7
DRENOX 350/12	338	94	177	182	35	351	111	06	1" 1/4	8,5

* Start and stop level refers to the version equipped with floating switch - The minimum drainage level refers to the manual version