

## NOCCHI DRENOX

### SUBMERSIBLE PUMP FOR THE DRAINAGE OF CLEAR WATER

The DRENOX series pumps are made completely with stainless steel AISI 304. The motor is cooled by means of a heat exchange chamber that allows the machine to operate for long periods not completely submerged. Elbow fitting hose Ø 32 mm supplied.

Automatic version (aut) equipped with float switch.

#### MOTOR

- Dry motor with body in stainless steel.
- Degree of protection IP 68
- Insulation class F
- Single-phase power supply with capacitor permanently on and thermal protection built into the motor casing.
- Three-phase power supply with external protection provided by the user.
- Cable connection chamber completely insulated.
- Self-lubricating ball bearings.
- Speed of rotation 2850 rpm.

#### APPLICATIONS

- Drainage of infiltrated water, lifting of rainwater from grilles or wells, lifting of household wastewater, emptying of rooms, tanks and pools, industrial applications.
- Fountains and water games.
- Irrigation.

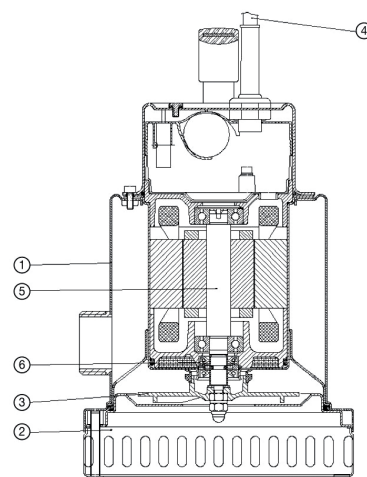
#### USAGE DATA

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



#### TABLE OF MATERIALS

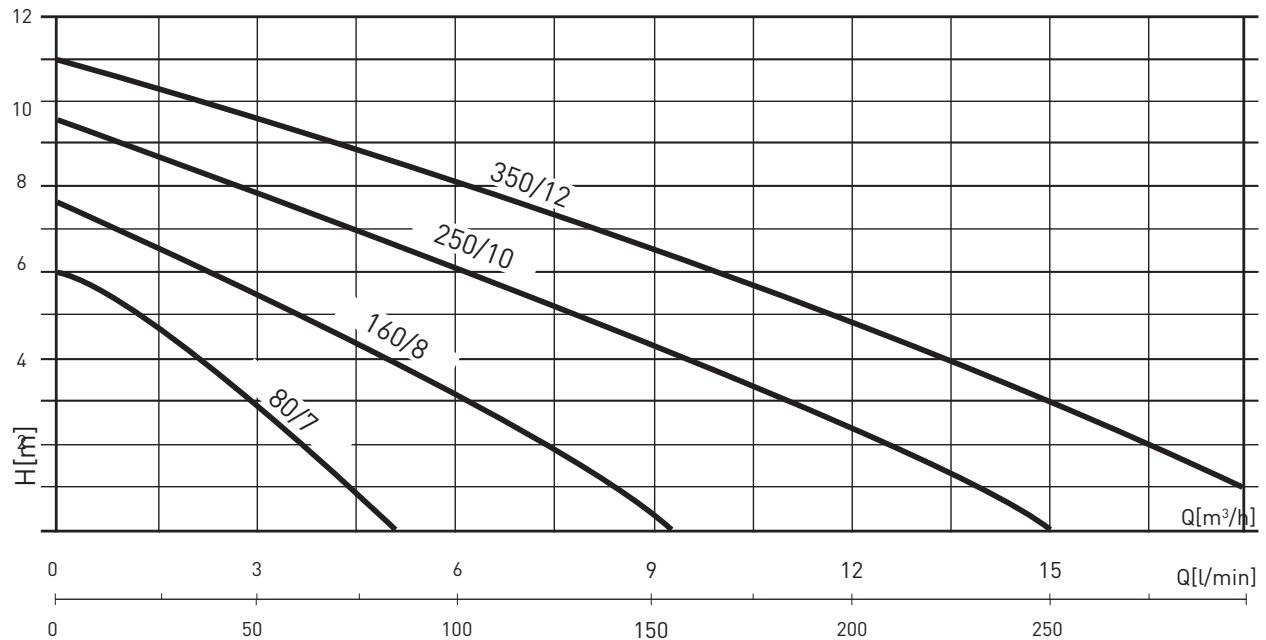
Component		Material
1	Pump body	Stainless steel X5 CrNi 1810 (AISI 304)
2	Air inlet grille	Stainless steel X5 CrNi 1810 (AISI 304)
3	Impeller	Stainless steel X5 CrNi 1810 (AISI 304) casting
4	Motor body	Stainless steel X 8 CrNi 18-10 ( AISI 304 )
5	Supply cable	10 m H07 RN-F with plug
6	Motor shaft	Stainless steel with ceramic inserts at the points of wear of the seal
7	Mechanical seal	Double fixed seal in rubber NBR70 with special sand guard V-ring. Lubricated in oil chamber



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### HYDRAULIC PERFORMANCE



### PERFORMANCE TABLE

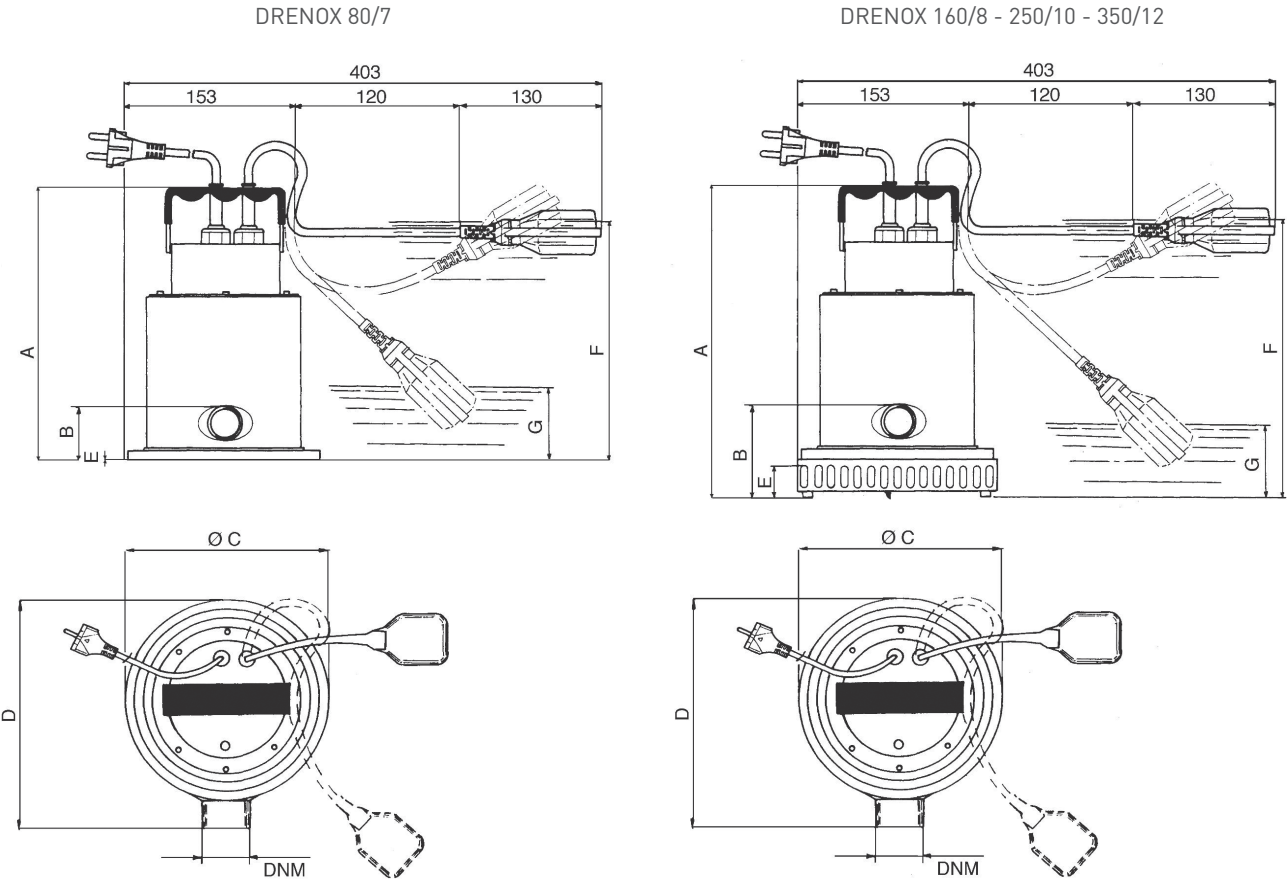
MODEL	Motor power (P2)		Motor power (P1)		VOLT. (V)	In (A)	μF	Q	L/min	10	40	60	80	120	160	240	300
	HP	kW	HP	kW					m³/h	0.6	2.4	3.6	4.8	7.2	9.6	14.4	300
DRENOX 80/7 DRENOX 80/7 AUT	0.3	0.2	0.4	0.3	1 ~ 230	1.3	6.3	m.c.a. / m.c.w.	5.4	3.3	1.8						
DRENOX 160/8 DRENOX 160/8 AUT	0.55	0.40	0.75	0.55	1 ~ 230	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 ~ 230	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 ~ 230	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	2			10.5	10	9.5	9	7.7	6.5	3.4	1	

Automatic version equipped with float switch.

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## SUBMERSIBLE PUMP FOR THE DRAINAGE OF CLEAR WATER

### HYDRAULIC PERFORMANCE



### OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.									WEIGHTS (Kg)
	A	B	C	D	Minimum drying level E*	Start F	Stop G	Free passage	DNM	
DRENOX 80/7	231	61	177	182	3	250	100	03	1" 1/4	5.7

\* The connection and disconnection levels refer to the version with float switch - The minimum drying level refers to manual operation.

### OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.									WEIGHTS (Kg)
	A	B	C	D	Minimum drying level E*	Start F	Stop G	Free passage	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

\* The connection and disconnection levels refer to the version with float switch - The minimum drying level refers to manual operation.