

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.

Design Features

- Stainless steel pump casing
- Stainless steel suction grid
- Cast stainless steel impeller (technopolymer on request for model 80/7)
- 10 m H07 RN-F power supply cable with plug
- Fixed double NBR 70 rubber seal with special sand guard V-ring
- Oil chamber for seal lubrication
- Stainless steel shaft with a ceramic facing at the points of seal wear
- Equipped with 32 mm ø rubber holder
- Supplied with float level switch in the AUTOMATIC versions
- Suitable for continuous use

Motor

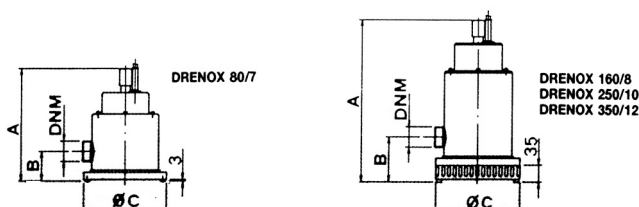
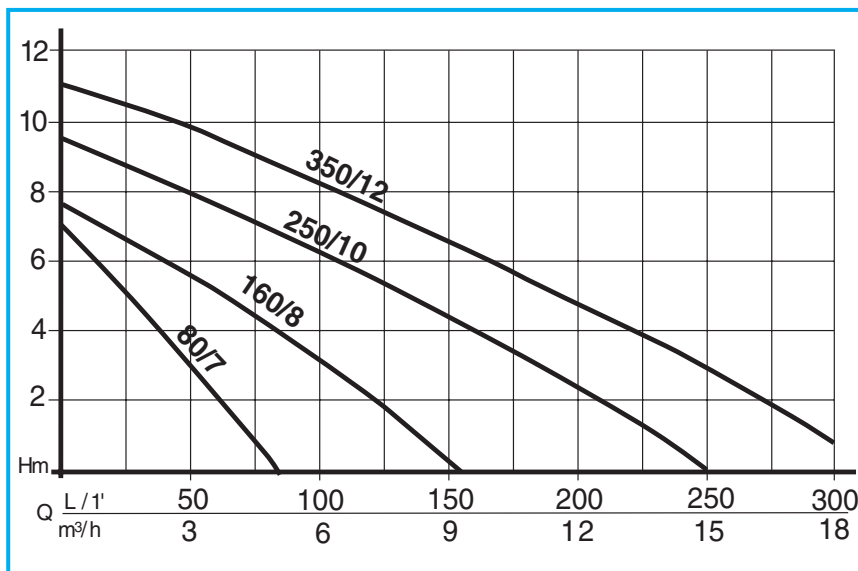
- Dry motor with stainless steel casing
- Level of protection IP68
- Class F insulation
- Single phase power supply with capacitor permanently activated and thermal protection built into the motor winding
- Three phase power supply with external protection provided by the user
- Completely insulated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

Usage Limitations

- 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 remaining models (manual version)
- Free clearance of solids 3 mm for models 80/7, 6 mm for the remaining models

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



Model	Dimensions mm.					Weight kg.
	A	B	Ø C	Free Clearance	DNM	
DRENOX 80/7	231	61	177	ø 3	1 1/4"	5,7
DRENOX 160/8	300	94	177	ø 6	1 1/4"	6,5
DRENOX 250/10	338	94	177	ø 6	1 1/4"	7
DRENOX 350/12	338	94	177	ø 6	1 1/4"	8,5

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	Q	Discharge Head in meters								PRICE
		HP	kW	HP	kW					10	40	60	80	120	160	240	300	
N1031010 N1031050	DRENOX 80/7 N * DRENOX 80/7 N AUT *	0,3	0,2	0,4	0,3	1 ~ 220 + 240 V	1,3	6,3	Discharge Head in meters	6,5	4	2						
N1031090 N1031100	DRENOX 80/7 DRENOX 80/7 AUT	0,3	0,2	0,4	0,3	1 ~ 220 + 240 V	1,3	6,3		6,5	4	2						
N1031020 N1031060	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				
N1031030 N1031070	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	4,1			
N1031040 N1031080	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	
N1031110	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	

* TECHNOLYMER IMPELLER