

SUBMERSIBLE SUMP PUMPS FOR DIRTY WATER

The OMNIA series pumps are made entirely of 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 80/5)
- 10 m H07 RN-F power supply cable with plug
- Fixed double NBR 70 rubber seal
- 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

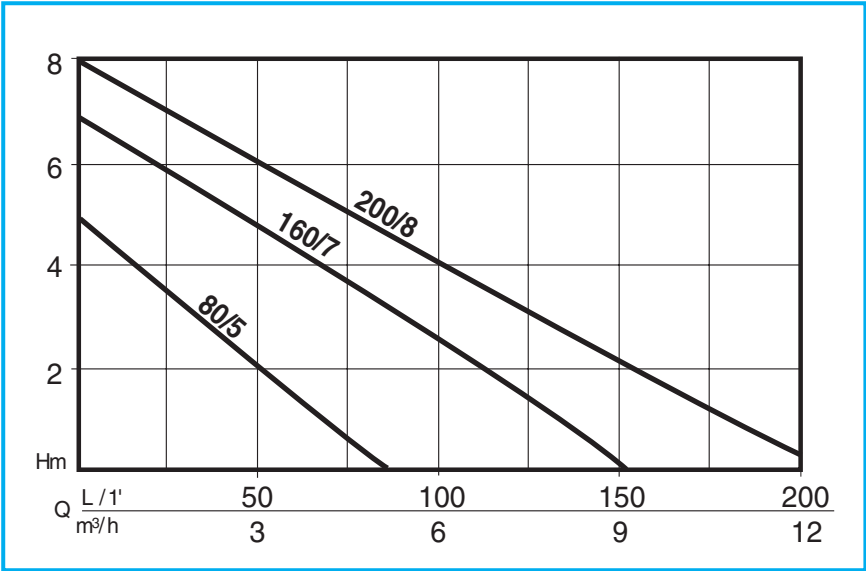
- Dry motor with stainless steel casing
- Level of protection IP68
- Class F insulation
- Single phase power supply with capacitor permanently activated
- Thermal protection built into the motor winding
- Completely insulated cable connection chamber
- Self-lubricating ball bearings
- Speed of rotation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

Usage Limitations

- Type of liquid: waste water with solids
- Maximum liquid temperature 40°C
- Maximum submersion under the water level 7m
- Minimum drainage level 35 mm (manual)
- Free clearance of solids 20 mm

Applications

- Pumping of domestic waste water, draining of environments, bathing and swimming pools, industrial applications
- Fountains and water features
- Surface irrigation



Model	Dimensions mm.					Weight
	A	B	Ø C	Free Clearance	DNM	kg
OMNIA 80/5	264	94	177	Ø 20	1 1/4"	6,1
OMNIA 160/7	300	94	177	Ø 20	1 1/4"	7
OMNIA 200/8	338	94	177	Ø 20	1 1/4"	8,5

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	Q	L/1'	10	40	70	100	140	200	PRICE
		HP	kW	HP	kW					m³/h	0,6	2,4	4,2	6	8,4	12	
N2081070	OMNIA 80/5	0,3	0,2	0,4	0,3	1 ~ 220 ÷ 240 V	1,4	8	Discharge Head in meters		4,1	2,7	1				
N2081090	OMNIA 80/5 AUT																
N2081020	OMNIA 160/7	0,5	0,37	0,7	0,5	1 ~ 220 ÷ 240 V	2,5	8			7	5,5	4	2,8	1		
N2081110	OMNIA 160/7 AUT																
N2081030	OMNIA 200/8	0,7	0,5	1	0,75	1 ~ 220 ÷ 240 V	3,2	8			7,8	6,3	5,4	4,1	2,7	0,5	
N2081100	OMNIA 200/8 AUT																