

## NOCCHI OMNIA

### SUBMERSIBLE PUMPS FOR DIRTY WATER

The pumps in the OMNIA series are constructed in 100% stainless steel AISI 304. The motor is cooled via a heat exchange chamber that enables the machine to run for long periods without being complete immersed. Hose connector  $\varnothing$  32 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 always on.
- Thermal protection built into the motor casing.
- Cable connection chamber completely insulated.
- Self-lubricating ball bearings.
- Speed of rotation 2850 rpm.

#### APPLICATIONS

- Lifting of domestic waste water, emptying of areas, tanks and swimming pools, industrial applications.
- Fountains and water games.
- Irrigation.

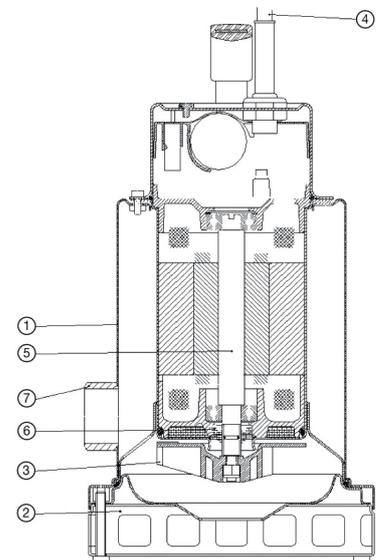
#### USAGE DATA

- Type of liquid: discharge water with solids.
- Maximum temperature of the liquid 40°C.
- Maximum immersion under the water level 7m.
- Minimum drying level 35 mm (in manual version).
- Free passage of solids 20 mm.



#### TABLE OF MATERIALS

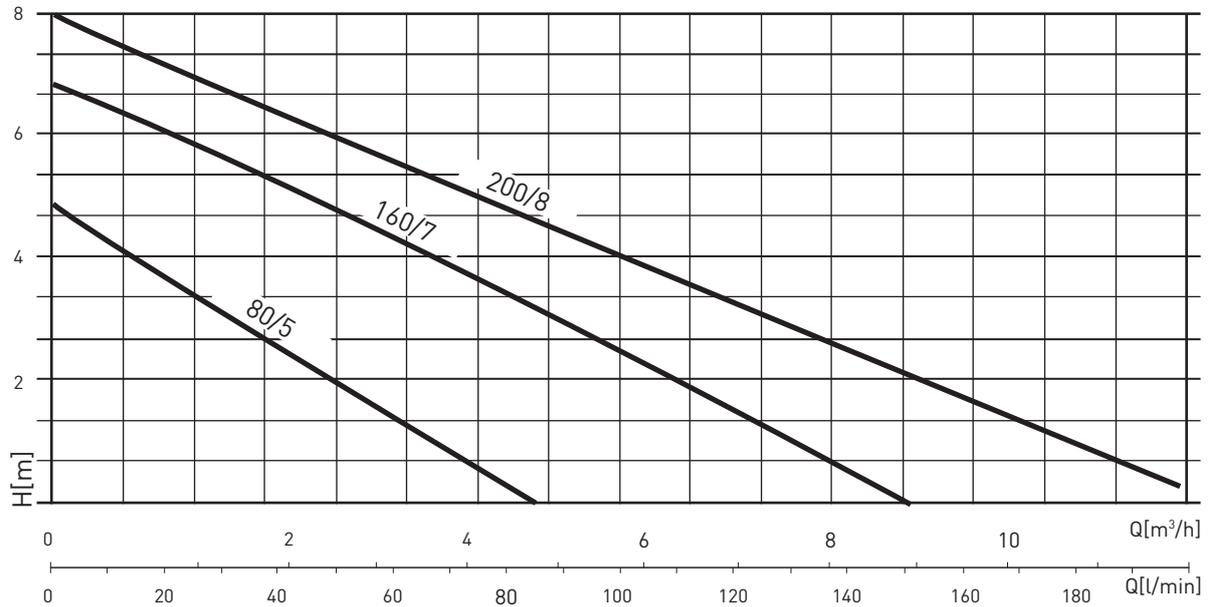
	Component	Material
1	Pump body	Stainless steel X5 CrNi 1810 (AISI 304)
2	Impeller	Stainless steel X5 CrNi 1810 (AISI 304)
3	Motor body	Stainless steel X5 CrNi 1810 (AISI 304)
4	Supply cable	10 m H07 RN-F with plug
5	Motor shaft	Stainless steel X 12 CrNiS 1809 (AISI 416)
6	Seal	Double fixed seal in rubber NBR70 lubricated in oil chamber
7	Outlet	Male thread 1" 1/4 gas



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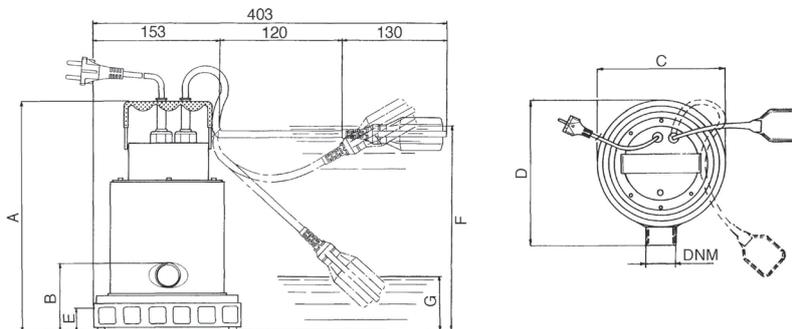
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### HYDRAULIC PERFORMANCE



### PERFORMANCE TABLE

MODEL	Motor power (P2)		Motor power (P1)		VOLT. (V)	In (A)	µF	Q	l/min	10	40	70	100	140	200	
	HP	kW	HP	kW					m³/h	0.6	2.4	4.2	6	8.4	12	
OMNIA 80/5 OMNIA 80/5 AUT	0.3	0.2	0.4	0.3	1 - 230	1.4	8	m.c.a. / m.c.w.	4.1	2.7	1					
OMNIA 160/7 OMNIA 160/7 AUT	0.5	0.37	0.7	0.5	1 - 230	2.5	8		7	5.5	4	2.8	1			
OMNIA 200/8 OMNIA 200/8 AUT	0.7	0.5	1	0.75	1 - 230	3.2	8		7.8	6.3	5.4	4.1	2.7	0.5		



### OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.										WEIGHTS (Kg)
	A	B	C	D	Minimum drying level E*	Start F	Stop G	Free passage	DNM		
OMNIA 80/5	264	94	177	182	35	250	100	020	1" 1/4	6.1	
OMNIA 160/7	300	94	177	182	35	320	107	020	1" 1/4	7	
OMNIA 200/8	338	94	177	182	35	351	111	020	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.