

TYPE:

NAUTILUS

R

SUBMERSIBLE PUMP FOR DECANter FEED

FIELDS OF APPLICATION:

Submersible pump used to feed decanters with abrasive liquids produced in the marble and granite industry, in washing aggregates or in the ceramic industry. It is placed inside deep tanks or wells where a vertical pump cannot be used.
The capacity range of the NAUTILUS pumps is up to 2250 l/min.

TECHNICAL FEATURES

- AXIS:** Vertical pump with IMPELLER directly connected to the motor shaft with oil bath lubricated bearings.
- BODY:** Made of cast iron, divided into two parts, and coated with a wear-resistant compound. Replaceable and adjustable anti-abrasive rubber shells for quick maintenance.
- IMPELLER:** Non-clogging open type impeller, consisting of a steel core coated with a special anti-abrasive compound.

STANDARD EQUIPMENT

- Humidity probe
- Temperature probe



SECTORS

MARBLE
GRANITE
AGGREGATES
RECYCLING
INDUSTRIAL

MADE IN ITALY

OPERATING CHARACTERISTICS

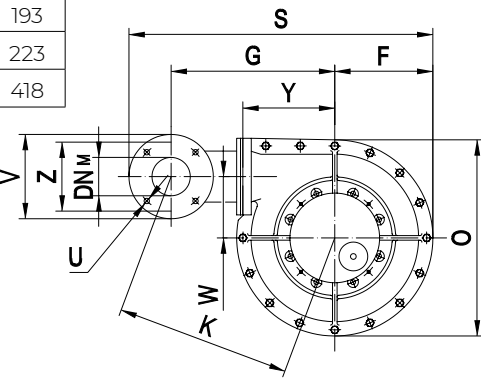
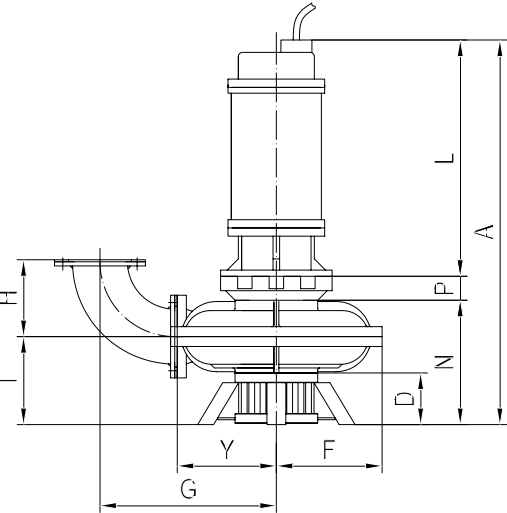
PUMPS	FLOW RATE														SPEED (RPM)	MOTOR* (kW)
	m³/h l/1'	6	9	12	18	24	30	45	60	75	90	105	120	135		
NTL45	HEAD (m)	11	10,5	10	8,5	7	-	-	-	-	-	-	-	-	1425	4
NTL75		-	-	-	17,5	17	16,5	15	13	11	-	-	-	-	1455	7,5
NTL75S		-	-	-	-	20,5	20	18,5	16,5	14,5	12	-	-	-	1450	11
NTL100/325		-	-	-	-	-	31	30	29	28	26	24	22	20	1450	22

*Indicative data; measurement made with water; motor sizes may vary when working with high-density sludge.

DIMENSIONAL

PUMPS	SIZE (mm)																		DN Out.	WEIGHT [KG]
	A	D	F	G	H	I	K	L	N	O	P	S	U		V	W	Z	Y		
NTL45	786	121	175	370	165	181	-	505	241	350	40	628	N°4 HOLES Ø14		165	-	125	205	50	110
NTL75	859	121	256	427	187	208	456	505	296	512	58	793	N°4 HOLES Ø14		220	160	180	240	100	193
NTL75S	954	121	256	427	187	208	456	600	296	512	58	793	N°4 HOLES Ø14		220	160	180	240	100	223
NTL100/325	1363	200	360	507	187	311	565	822	496	720	45	977	N°4 HOLES Ø14		220	250	180	320	100	418

Indicative dimensions and weights



ALFA POMPE®
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION

DIMENSIONAL DRAWING