

ELECTROPOMPE SUBMERSIBILE PENTRU APE UZATE DW – DW VOX DIN OTEL INOXIDABIL AISI 304



APLICATII

- evacuarea apelor uzate in aplicatii civile si industriale;
- evacuarea apei din fantani si gropi;
- evacuarea apelor din zone subterane;
- vehicularea lichidelor contaminate in general, inclusiv a celor care contin suspensii solide sau fibroase;
- evacuarea apelor provenite din infiltratii;
- pomparea apelor uzate reziduale;
- pomparea apei din fose septice.

CARACTERISTICI TEHNICE

- se livreaza cu cablu de alimentare H07 RN-F de 10 m pentru modelele monofazate sau cu cablu de alimentare FG50K pentru modelele trifazate;
- valabile cu sau fara plutitor;
- dotate cu rotor monocanal sau tip Vortex (VOX) si corp suport (F).

DATE TEHNICE

- adancimea maxima de imersie: 7 m;
- temperatura maxima a lichidului: 40 °C;
- diametrul maxim al solidelor vehiculate: 50 mm;
- motoare asincrone auto-ventilate 2 poli;
- clasa de izolatie F;
- gama de protectie IPX8;
- curent monofazat 230V $\pm$ 10%, 50 Hz; curent trifazat 400V $\pm$ 10%, 50 Hz;
- condensator permanent activ si releu termic integrat pentru motor monofazat;
- pentru versiunea trifazata, protectia trebuie asigurata de catre utilizator;
- versiune cu filet: aspiratie Ø50, refulare G2;
- versiune cu flansa: refulare Ø50 DN 50.

MATERIALE

- corp pompa, rotor, carcasa motor, disc garnitura si carcasa motorului din otel inoxidabil AISI 304;
- ax din otel inoxidabil AISI 303;
- etansare mecanica dubla cu camera de ulei:
- * etansare parte superioara din Carbon/Ceramica/NBR (partea motorului);
- * etansare parte inferioara SiC/SiC/NBR (partea pompei);
- despartitor din fonta G20 (doar DW-DW VOX 300).

VERSIUNI SPECIALE

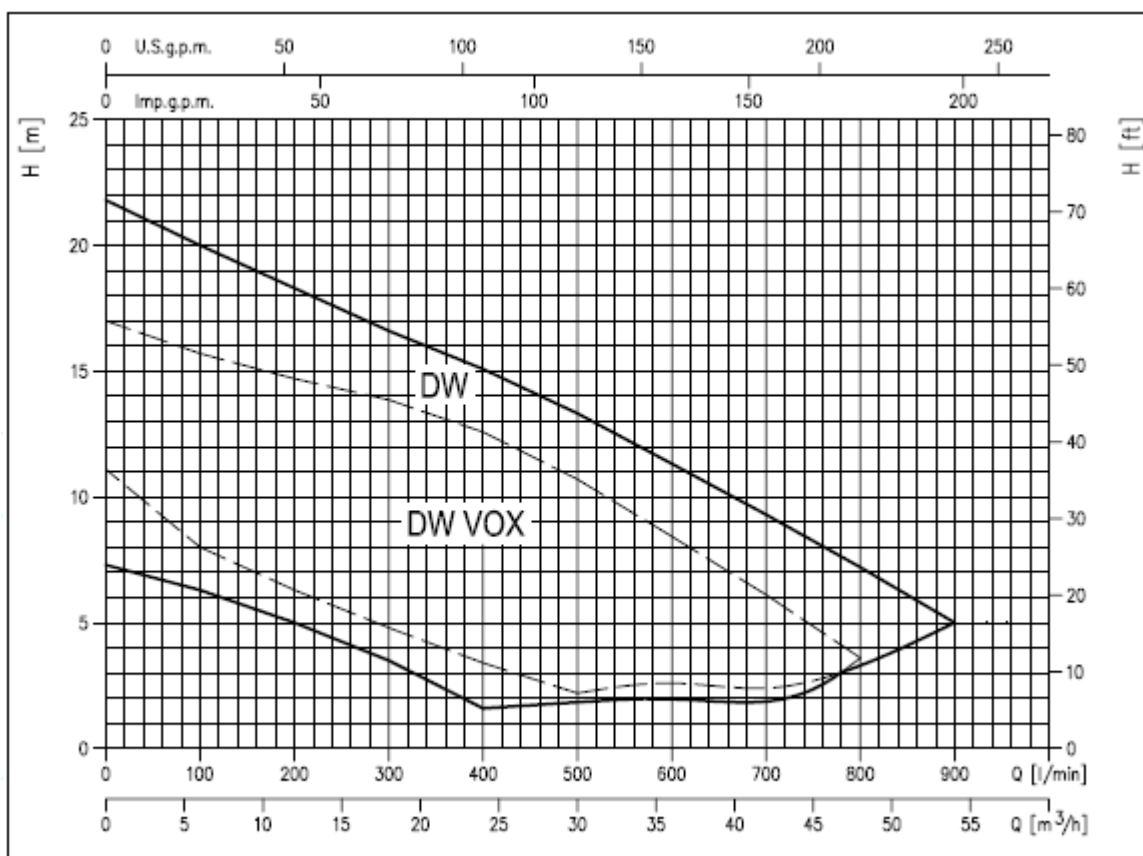
- versiune VOX (rotor Vortex).

ACCESORII (la cerere)

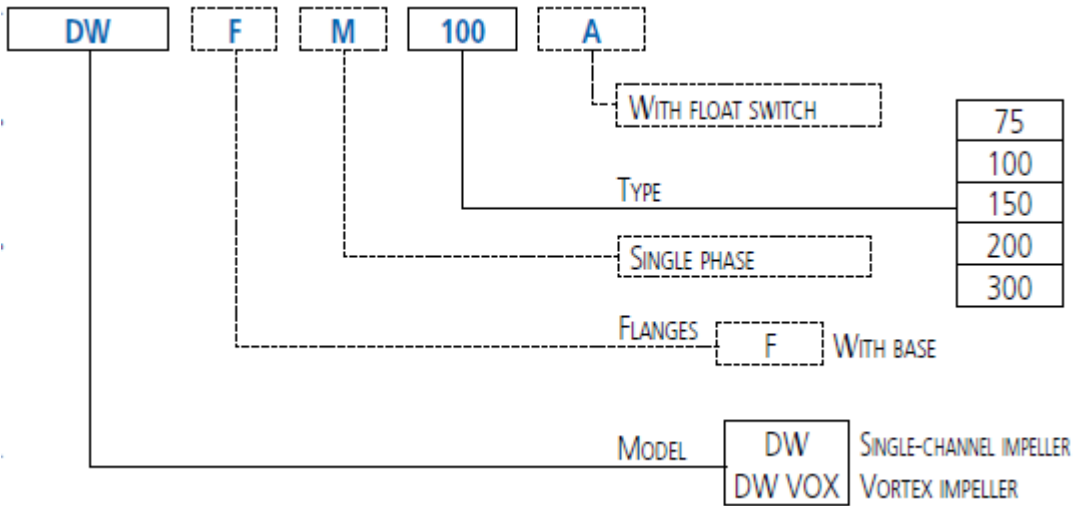
- kit dispozitiv coborare DW din fonta – filetat 2";
- kit dispozitiv coborare DW din otel – filetat 2";
- kit dispozitiv coborare DW din otel – flansa DN50.

Pentru accesorii si carcase electrice, vezi pagina 151.

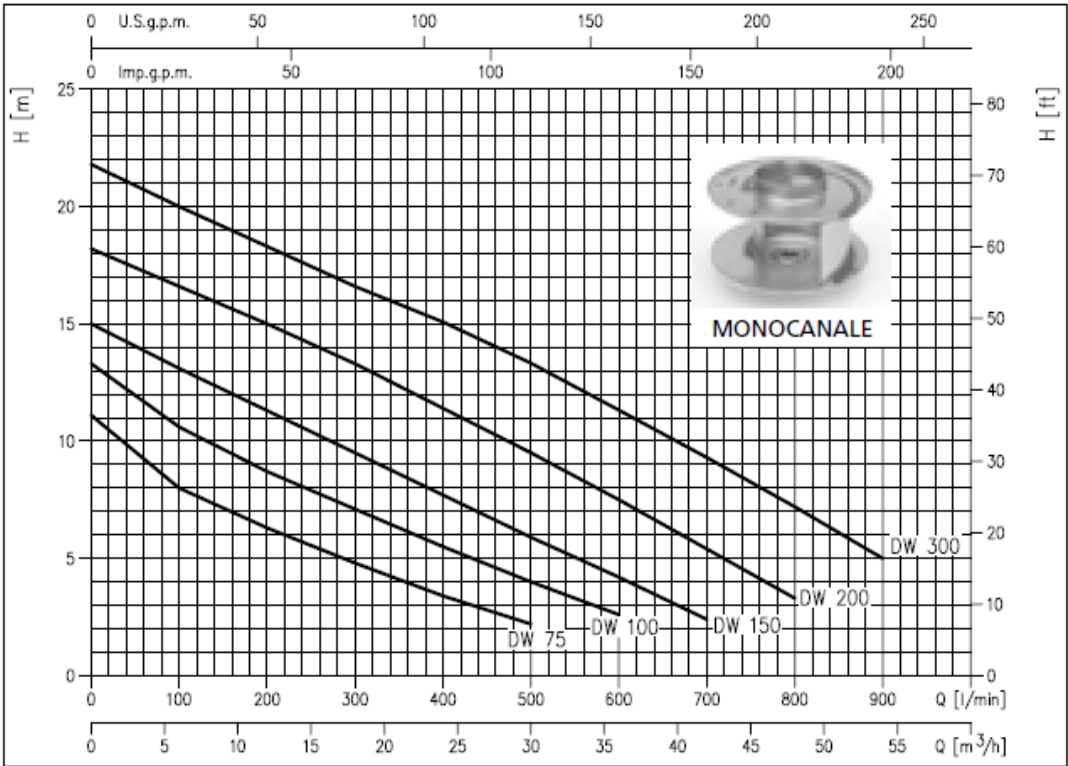
GAME DE PERFORMANTA (ISO 9906 Anexa A)



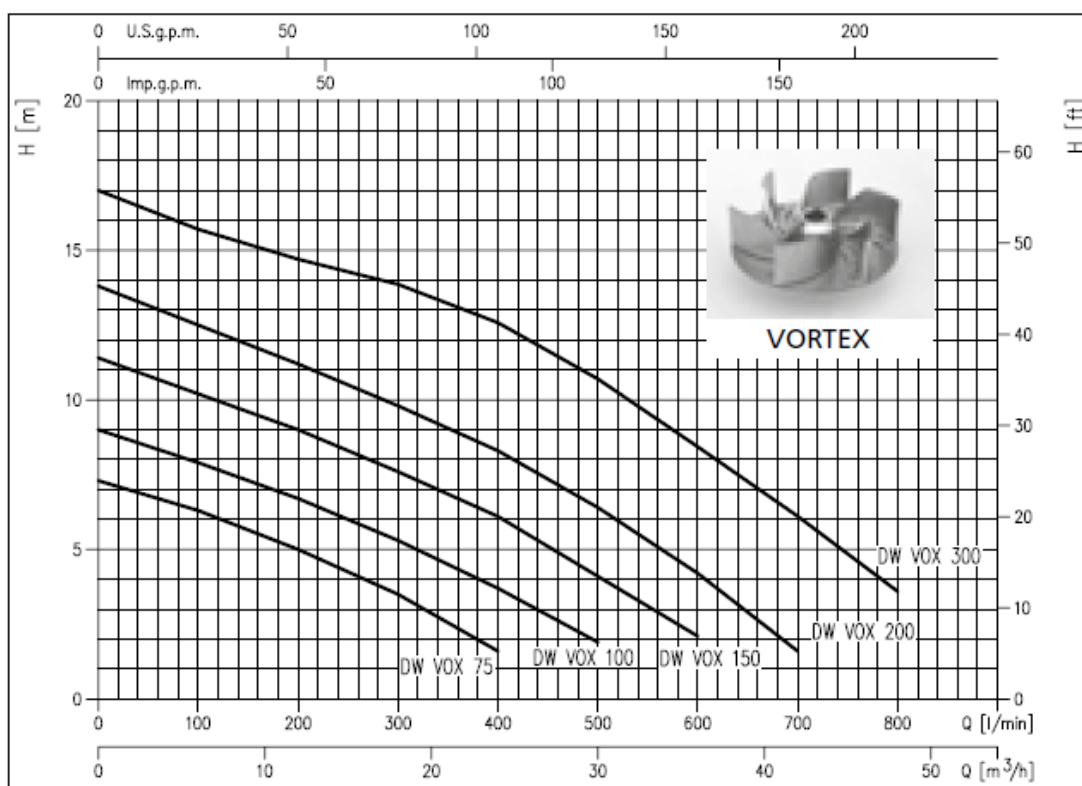
COD DE IDENTIFICARE



CURBE DE PERFORMANTA DW (ISO 9906 Anexa A)



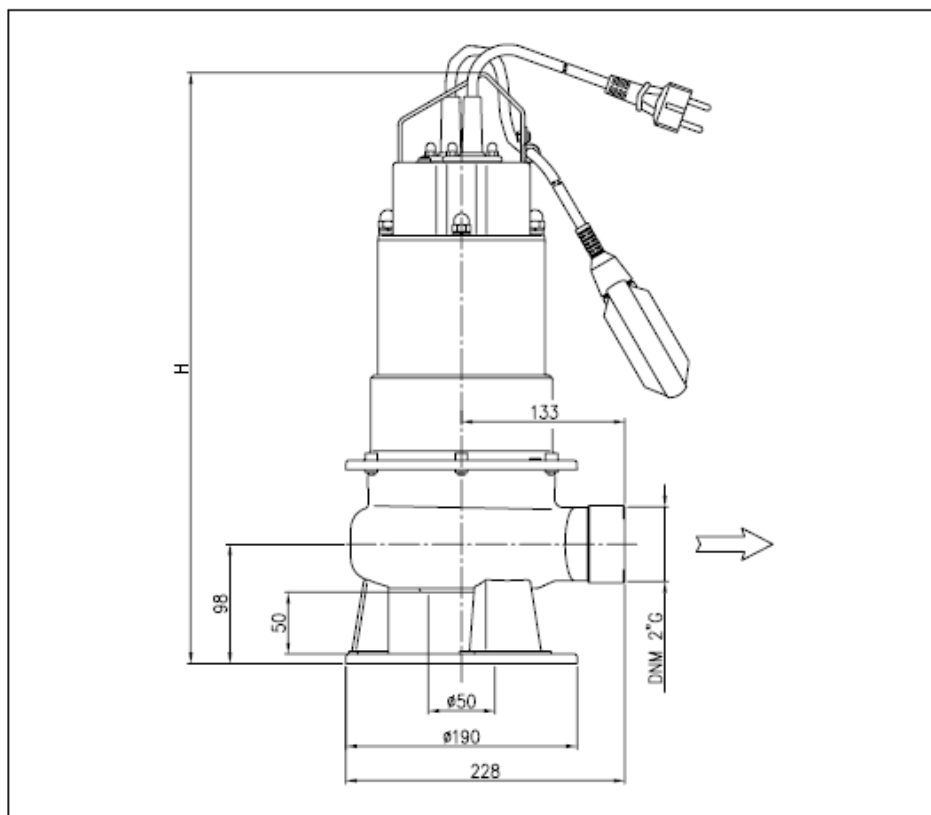
CURBE DE PERFORMANTA DW VOX (ISO 9906 Anexa A)



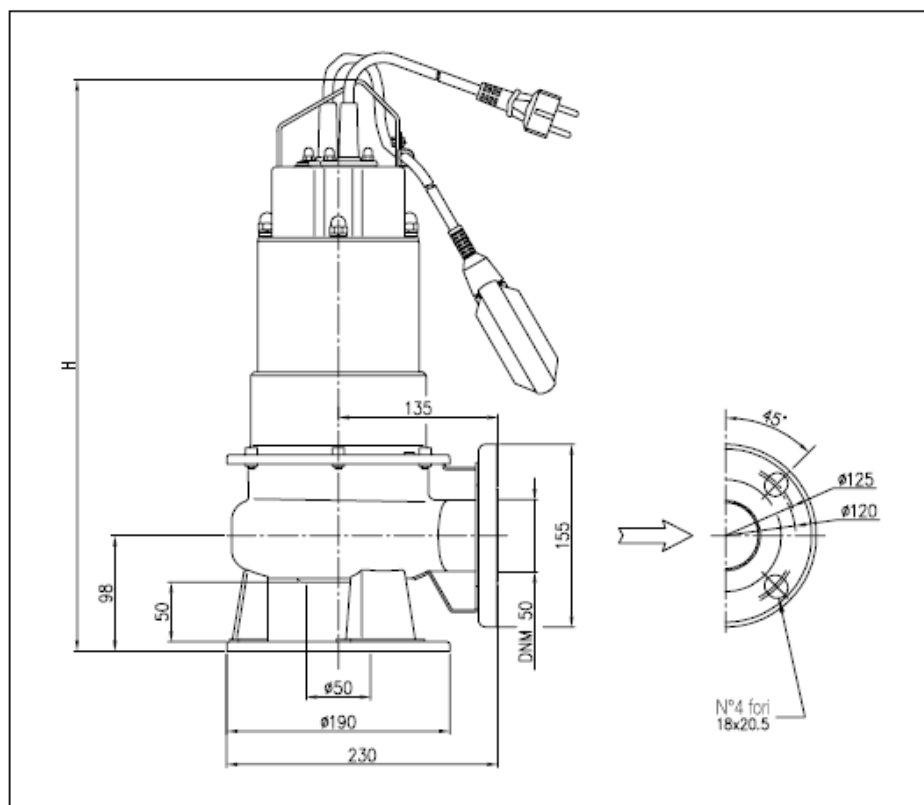
TABEL DE PERFORMANTA

Model		P ₂		CONDENSATOR		Abs. Curr. [A]		Q= DEBIT									
MONOFAZAT 230V	TRIFAZAT 400V	[HP]	[kW]	μF	V _c	1~	3~	l/min m³/h	100 6	200 12	300 18	400 24	500 30	600 36	700 42	800 48	900 54
DW 75 M	DW 75	0.75	0.55	20	450	3.9	1.5	8.0	6.3	4.8	3.4	2.2	-	-	-	-	-
DW 100 M	DW 100	1	0.75	25	450	5.9	2.1	10.6	8.7	7.1	5.5	4.0	2.6	-	-	-	-
DW 150 M	DW 150	1.5	1.1	31.5	450	7.3	2.8	13.1	11.3	9.5	7.7	5.9	4.2	2.4	-	-	-
	DW 200	2	1.5	-	-	-	3.6	16.6	15.0	13.3	11.4	9.5	7.5	5.4	3.3	-	-
	DW 300	3	2.2	-	-	-	5	20.0	18.3	16.6	15.1	13.3	11.3	9.3	7.2	5.0	-
DW VOX 75 M	DW VOX 75	0.75	0.55	20	450	3.9	1.4	6.3	5.0	3.5	1.6	-	-	-	-	-	-
DW VOX 100 M	DW VOX 100	1	0.75	25	450	5.8	2.1	7.9	6.7	5.3	3.7	1.9	-	-	-	-	-
DW VOX 150 M	DW VOX 150	1.5	1.1	31.5	450	7.3	2.8	10.2	9.0	7.6	6.1	4.1	2.1	-	-	-	-
	DW VOX 200	2	1.5	-	-	-	3.3	12.5	11.2	9.8	8.3	6.4	4.2	1.6	-	-	-
	DW VOX 300	3	2.2	-	-	-	4.4	15.7	14.7	13.9	12.6	10.7	8.4	6.1	3.6	-	-

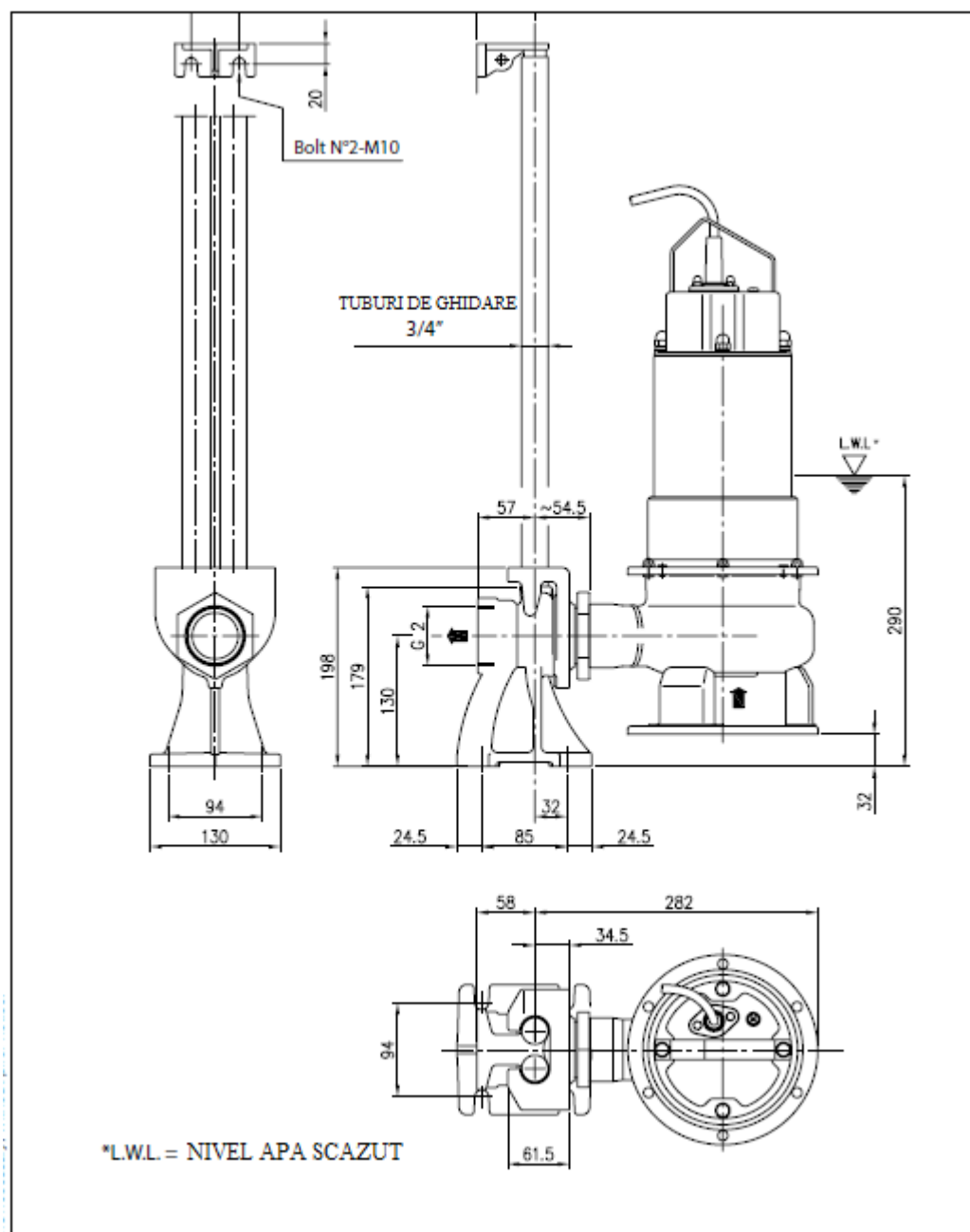
DIMENSIUNI DW – DW VOX



DIMENSIUNI DWF – DWF VOX



DIMENSIUNI KIT MONTAJ DW – DW VOX

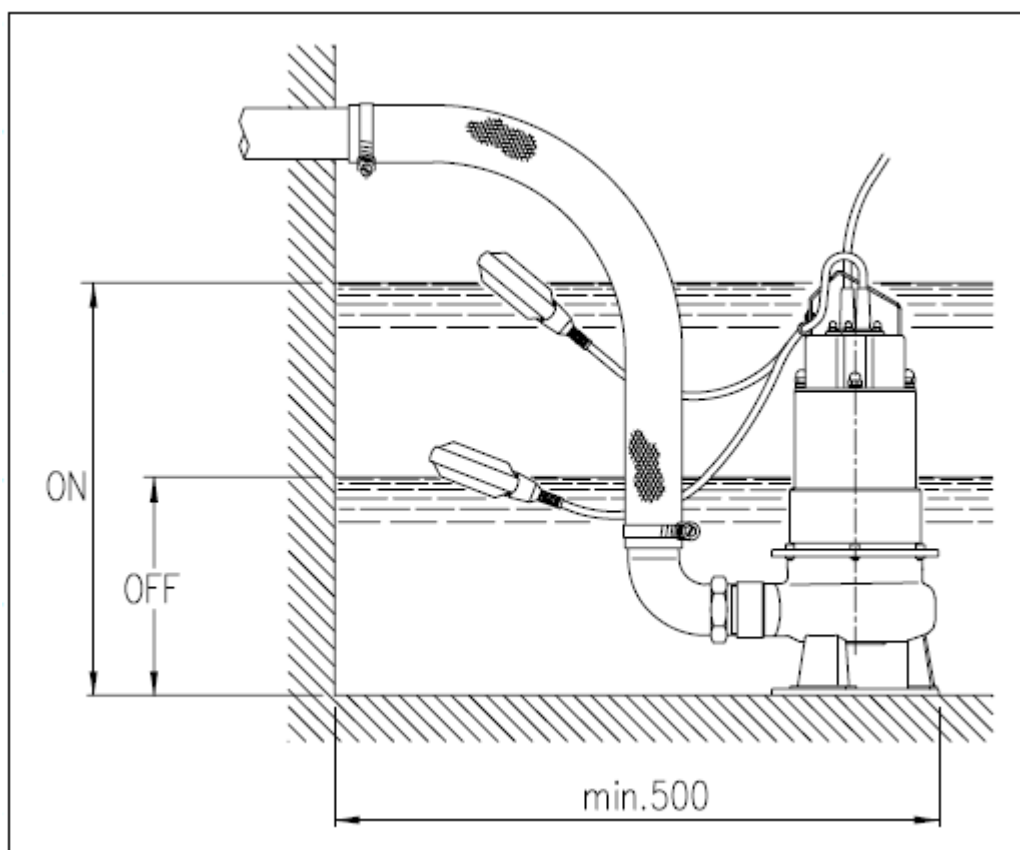


TABEL DIMENSIUNI

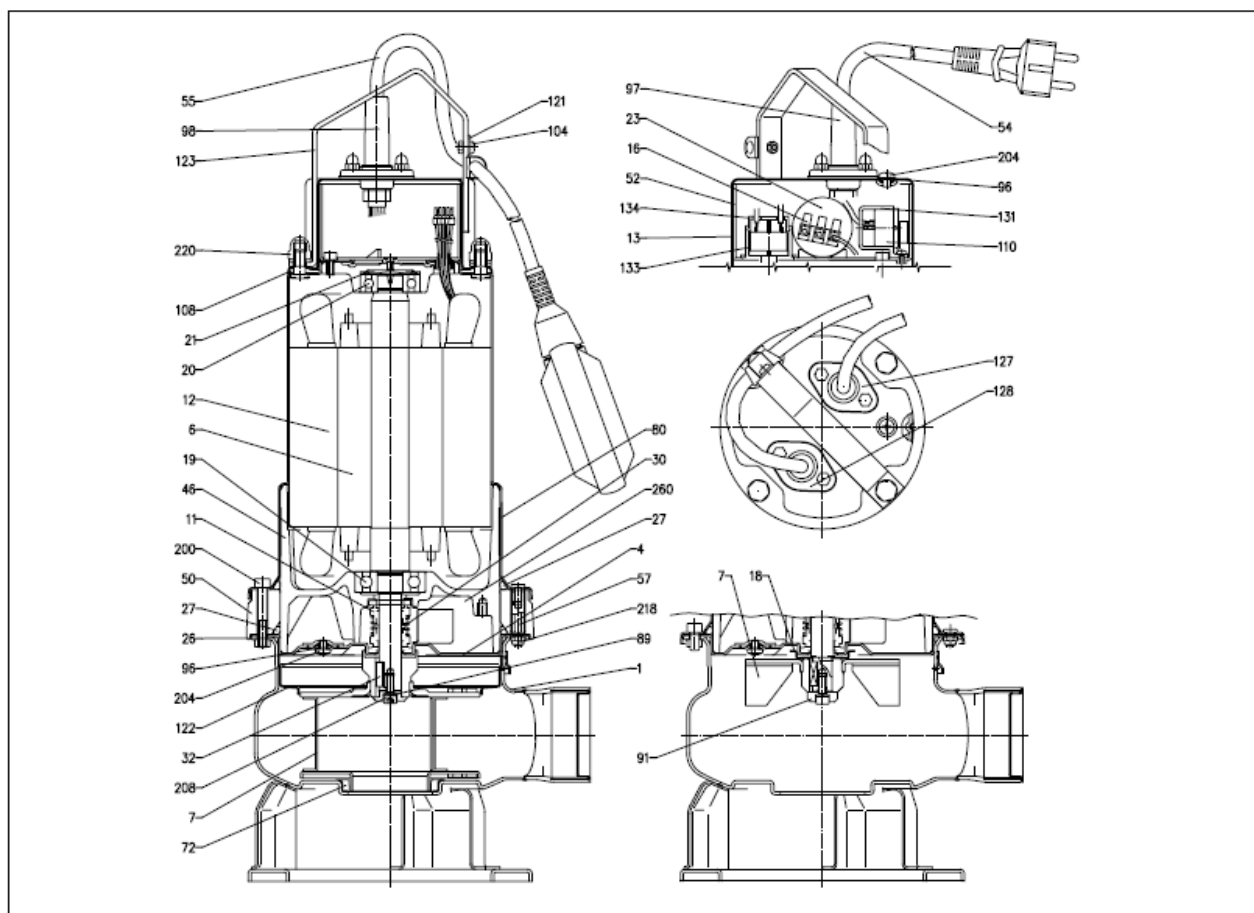
Model		DIMENSIUNI [mm]		GREUTATE [kg]	
		1~	H 3~	1~	3~
DW 75	DW VOX 75	486	486	16	15.4
DW 100	DW VOX 100	516	486	18	16.8
DW 150	DW VOX 150	516	516	19.4	18.6
DW 200	DW VOX 200	-	516	-	20
DW 300	DW VOX 300	-	546	-	25.8

Model		DIMENSIUNI [mm]		GREUTATE [kg]	
		1~	H 3~	1~	3~
DWF 75	DW VOXF 75	486	486	16.8 (16.4)	16.2 (16)
DWF 100	DW VOXF 100	516	486	18.8 (18.4)	17.6 (17.2)
DWF 150	DW VOXF 150	516	516	20.2 (19.8)	19.4 (18.9)
DWF 200	DW VOXF 200	-	516	-	20.8 (20.4)
DWF 300	DW VOXF 300	-	546	-	26.6 (26.2)

INSTALARE



VEDERE IN SECTIUNE



TABEL MATERIALE

Ref.	Nume	Material	Ref.	Nume	Material
1	Corp pompa	AISI 304 otel inoxidabil	57	Distantier [3]	AISI 304 otel inoxidabil
4	Disc garnitura	AISI 304 otel inoxidabil	72	Inel distantier [3]	NBR
6	Ax rotor	AISI 304 otel inoxidabil	89	Saiba	AISI 304 otel inoxidabil
7	Rotor	AISI 304 otel inoxidabil	91	Saiba [1]	NBR
11	Etansare mecanica partea pompei	SiC/SiC/NBR	96	O-ring	NBR
11	Etansare mecanica partea motorului	Carbon/Ceramica/NBR	97	Cablu alimentare	NBR
12	Carcasa	-	98	Presetupa [4]	NBR
13	Invelis motor	AISI 304 otel inoxidabil	104	Presetupa [4]	NBR
16	Bloc terminal	-	108	Garnitura invelis motor	NBR
18	Etansare de protectie [1]	AISI 304 otel inoxidabil	110	Aparat protectie motor [2]	-

19	Rulment partea pompei	-	121	Suport intrerupator flotor [4]	AISI 304 otel inoxidabil
20	Rulment partea motorului	-	122	Inel protectie rotor [6]	AISI 304 otel inoxidabil
21	Inel compensator	C70 otel	123	Carlig ridicare	AISI 304 otel inoxidabil
23	Condensator [2]	-	127	Conector cablu	AISI 304 otel inoxidabil
26	O-ring	NBR	128	Conector [4]	AISI 304 otel inoxidabil
27	O-ring	NBR	131	Suport intrerupator motor [7]	PA66 armat cu fibra de sticla
27	O-ring [3]	NBR	133	Suport senzor intrerupator motor [7]	Aluminiu
30	Distantier etansare mecanica	Alama	134	Invelis suport senzor intrerupator motor [7]	PA6
32	Cheie	AISI 304 otel inoxidabil	200	Surub	Otel A2 UNI 7323
46	Suport rulmenti	G20	204	Surub	Otel A2 UNI 7323
50	Distantier [3]	G20	208	Surub	Otel A2 UNI 7323
52	Carcasa condensator	PA66 armat cu fibra de sticla	218	Piulita	Otel A2 UNI 7323
54	Cablu de alimentare	-	220	Piulita	Otel A2 UNI 7323
55	Flotor [4]	-	260	Lubrifiant	Ulei

[1] – Cu exceptia DW – DW VOX 300

[2] – Doar monofazat

[3] – Doar DW – DW VOX 300

[4] – Doar monofazat fara flotor

[5] – Doar DW

[6] – Cu exceptia DW VOX 150, 200 si 300

[7] – Doar DW 150 monofazat