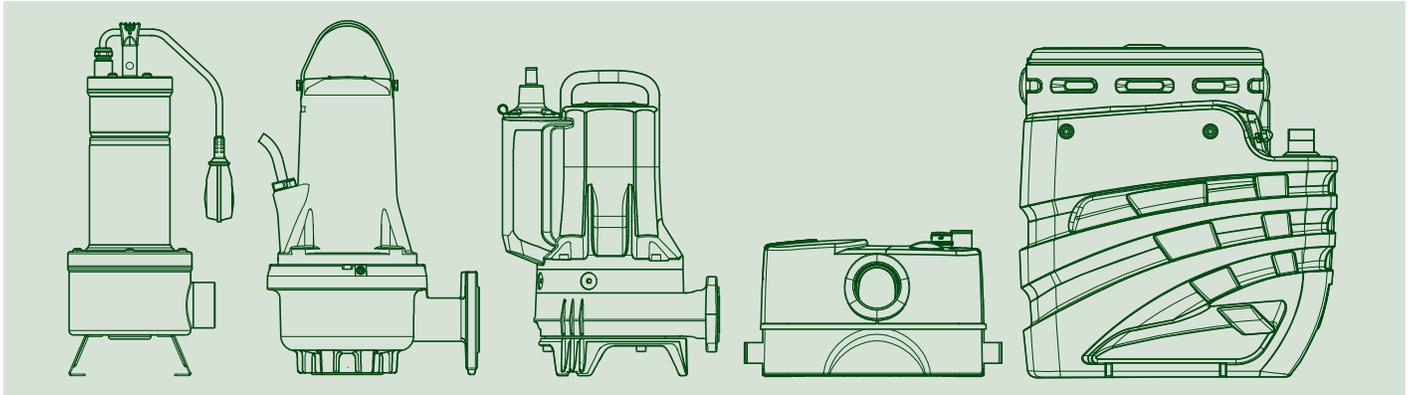


# SUBMERSIBLE PUMPS



# TECHNICAL CATALOGUE



### TECHNICAL DATA

**Liquid temperature range:**

from 0 °C to +50 °C.

**Pumped liquid:**

waste water according to EN 12050-3.

**Third party approval:** VDE-GS, LGA, VDE-EMC.

**Capacity:** approved for 6 and 9 litre flushing units according to EN 12050-3.

**Protection class:** IP44.

### APPLICATIONS

Its use is needful whenever the wastewater coming from the WC, the shower, the washbasin or the bidet cannot be expelled by gravity. GENIX models normally have a front WC connection. The difference in the GENIX WL is the side WC connection, specifically designed for WC wall-mounted installations or where there is no room enough behind the WC. In the model 130, beside the WC, three more lines can be connected, such as shower, washbasin, bidet or bathtub. The models offered stand out for silent running, even more improved in the Comfort version. The pump, powerful and reliable, and the grinding system, with blades in nickel plated stainless steel, make together a long lasting and basically daily maintenance-free product. Extremely easy the maintenance in case of clog or motor blocking, with the possibility to dismount the motor subassembly only operating on two screws, and with the unique discharge tap that will allow a clean, and free of problems, maintenance. In case of blockage, the motor unit can be accessed from the outside, with no need to remove the product. Extraordinary maintenance will be extremely easy, clean and without issues. The installation kit comes with easy-connect fittings adaptable to various pipe sections and including built-in non-return valves

Available, as accessories, an acoustic alarm anti-flooding and an adaptor pipe, to adapt the GENIX to a vast majority of existing installations.

### CONSTRUCTIONAL CHARACTERISTICS

Tank in Barium 15% polypropylene. In the Comfort version, soundproof shield in Barium 70% polypropylene. Impeller in PPO 30% GF. Motor shaft in stainless steel. Grinding blades in nickel plated stainless steel.

### MOTOR CONSTRUCTIONAL CHARACTERISTICS

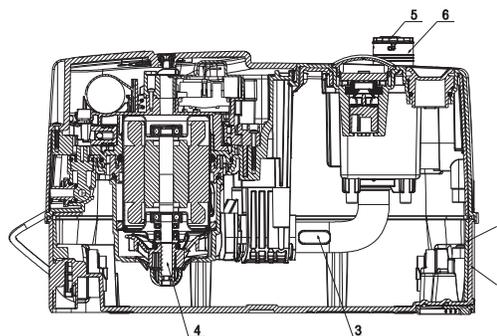
Asynchronous motor in stainless steel.

Shaft and motor sleeve in stainless steel.

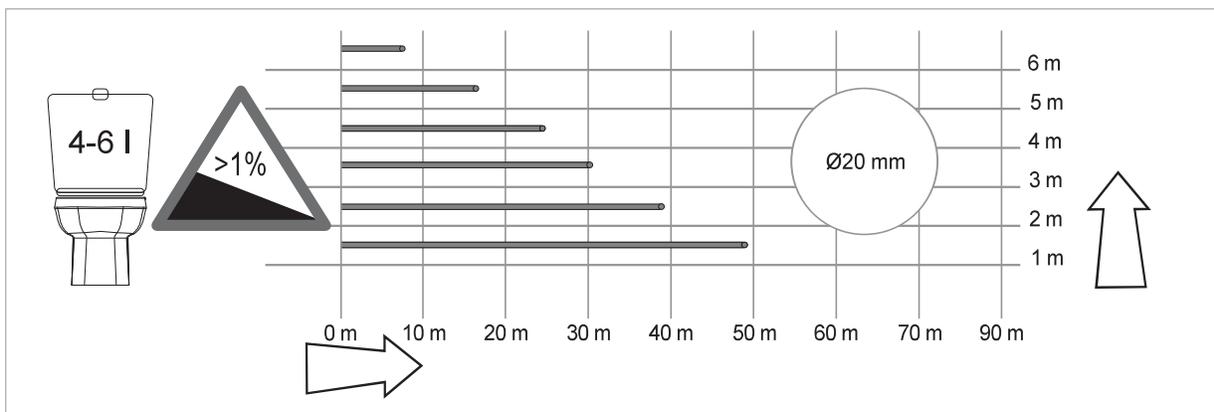
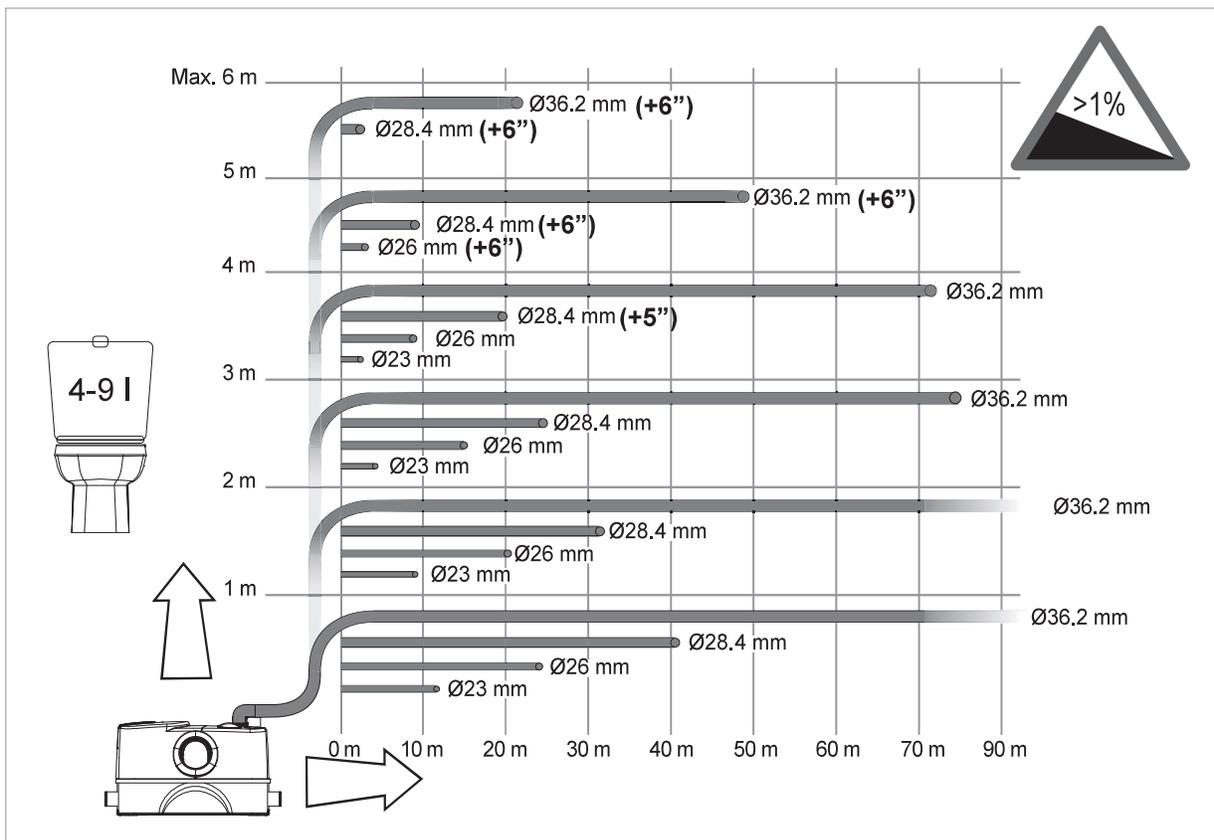
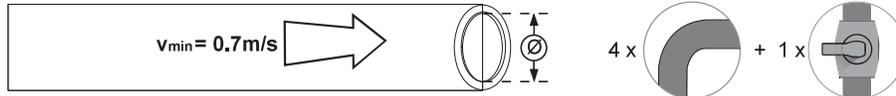
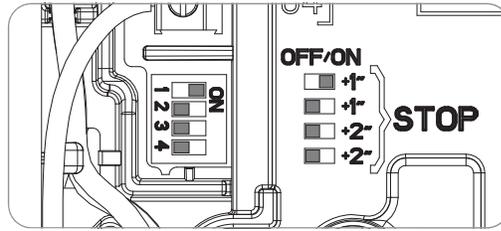
Thermal protection for overheating. Motor shaft wear resistant.

### MATERIALS

N.	PARTS	MATERIALS	
1	TANK	PP 15% BARIUM	
2	SOUND PROOFER	PP 70% BARIUM	
3	PIPE	EPDM	
4	GENIX COMFORT FLANGE GROUP V230-50Hz	MOTOR-COVER	AISI 304
		MOTOR-SHAFT	AISI 416
		IMPELLER	30 % FIBRE GLASS PPO
		FIXED GRINDER	AISI 304
		IMPELLER NUT	30 % FIBRE GLASS PPO
		MOVING GRINDER	AISI 420
		MOTOR FLANGE	30 % FIBRE GLASS PP
		PUMP BODY	30 % FIBRE GLASS PP
		CENTERING RING	30 % FIBRE GLASS PP
5	VALVE ASSEMBLY	VOLUTE	30 % FIBRE GLASS PP
		CHECK VALVE BODY	30 % FIBRE GLASS PP
		ORVAL CLAPET VALVE	EPDM
6	DELIVERY PIPE	OR -3118 29.82 X 2.62	NBR
			30 % FIBRE GLASS PP



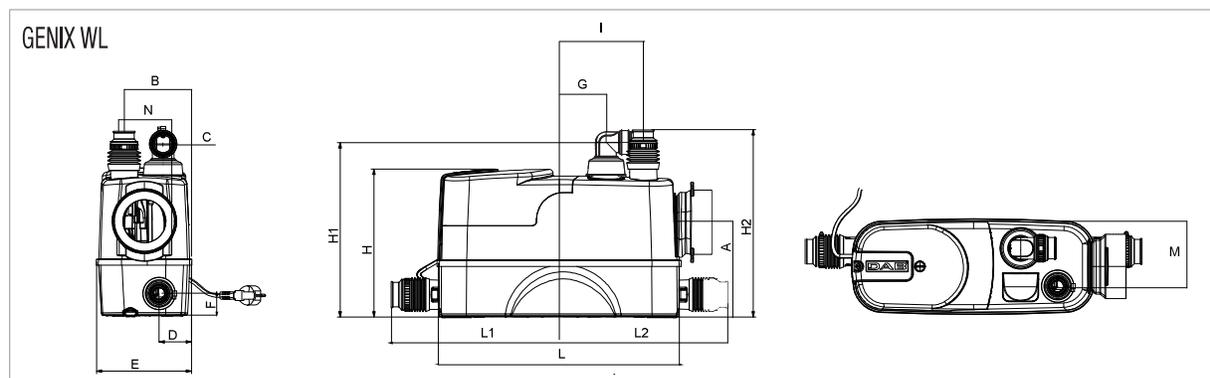
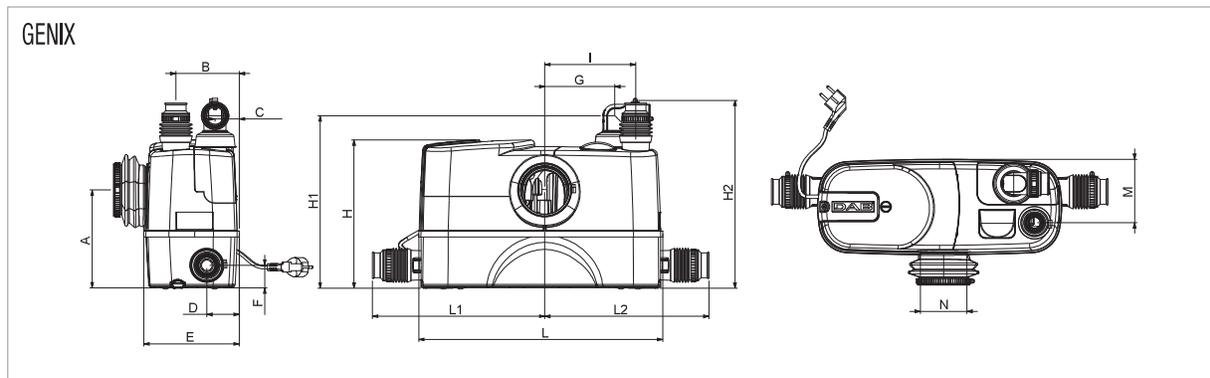
### INSTALLATION INSTRUCTIONS



SUBMERSIBLE PUMPS

## GENIX - AUTOMATIC LIFTING STATIONS

Liquid temperature range: from 0 °C to +50 °C



MODEL	ELECTRICAL DATA				
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A
			kW	HP	
GENIX 110	1 x 230 V ~	0,49	0,32	0,44	2,3
GENIX 130	1 x 230 V ~	0,49	0,32	0,44	2,3
GENIX COMFORT 110	1 x 230 V ~	0,49	0,32	0,44	2,3
GENIX COMFORT 130	1 x 230 V ~	0,49	0,32	0,44	2,3
GENIX WL 110	1 x 230 V ~	0,49	0,32	0,44	2,3
GENIX WL 130	1 x 230 V ~	0,49	0,32	0,44	2,3

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	L1	L2	M	N	PACKING DIMENSION			VOLUME (mc)	WEIGHT Kg
																	L/A	L/B	H		
GENIX 110	183	118	45	/	178	/	178	277	323	351	170	456	/	/	118	87	538	227	426	0,0520	10
GENIX 130	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	10,3
GENIX COMFORT 110	183	118	45	/	178	/	178	277	323	351	170	456	/	/	118	87	538	227	426	0,0520	11,2
GENIX COMFORT 130	183	118	45	60	178	42	178	277	323	351	170	456	322	307	118	87	538	227	426	0,0520	11,7
GENIX WL 110	183	125	56	/	178	/	80	277	322	346	150	456	/	/	125	87	538	227	426	0,052	10
GENIX WL 130	183	125	56	60	178	42	80	277	322	346	150	456	322	307	125	87	538	227	426	0,052	10,3

**DNA**  
**DNA**  
PUMPS SELECTOR

On-line product selection



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