

DRENAG 1000 - 1200

SUBMERSIBLE PUMPS



CE Submersible electric pump in AISI 304 Stainless Steel: pump body, impeller, motor flange, filter and filter cover, motor casing, outer casing with handle, cable compartment cover.
 Shaft in **AISI 316 stainless steel**.
 Handle coated with insulating rubber. **Double mechanical seal** with oil chamber interposed, carbon/alumina on motor side and silicon/silicon carbide on pump side. **Dry motor**, asynchronous, watertight, cooled by the pumped liquid itself. Standard thermal protection in the winding. Capacitor permanently on in the single-phase version. 10 metres of H07RN-F power cables with schuko plug are supplied as a standard USA plug instead could be also available on request. All models can be supplied either with or without float.

Operating range
 from 3 to 24 m³/h with head up to 14.2 mt.

Liquid temperature range
 from 0°C to +35°C for domestic use.
 from 0°C to +50°C.

Pumped liquid characteristics
 rain water, phreatic water, sandy water from building yards and clean waste waters, not aggressive.

Maximum working temperature
 +40°C with the motor out of the water.

Free passage through the suction grid 10 mm.

Maximum immersion depth 7 mt.

Protection level IP 68.

Insulation class F.

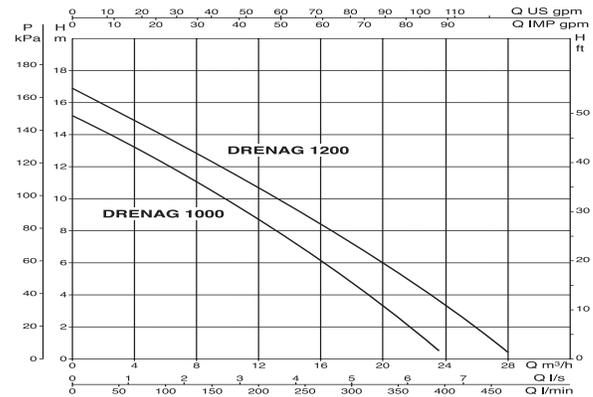
Installation fixed or portable, in a vertical position.

TECHNICAL DATA

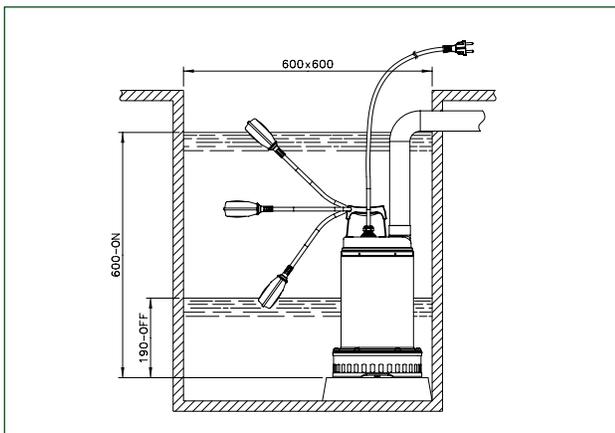
MODEL	ELECTRICAL DATA						
	VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL			In A	CAPACITOR
			kW	HP		µF	Vc
DRENAG 1000 M-A	1x220-230 V~	1,4	1	1,36	6,5-6,8	25	450
DRENAG 1000 M-NA	1x220-230 V~	1,4	1	1,36	6,5-6,8	25	450
DRENAG 1000 T-NA *	3x380-480 V~	1,2	1	1,36	2,3-2	-	-
DRENAG 1200 M-A	1x220-230 V~	1,7	1,2	1,6	7,6-8	30	450
DRENAG 1200 M-NA	1x220-230 V~	1,7	1,2	1,6	7,6-8	30	450
DRENAG 1200 T-NA	3x380-480 V	1,7	1,2	1,6	3-2,65	-	-
DRENAG 1200 T-NA	3x220-277 V	1,6	1,2	1,6	5-4,3	-	-

* Available on request 3x220/277 V.

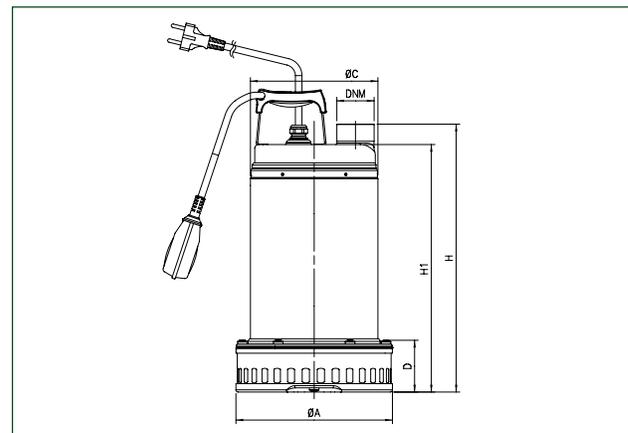
A: automatic with float **NA:** non automatic without float



INSTALLATION



DIMENSIONS AND WEIGHT



MODEL	Ø A	Ø C	D	H	H1	Ø DNM (NPT)	PACKING DIMENSIONS			FREE PASSAGE mm	Q.TY x PALLET	WEIGHT Kg
							L/A	L/B	H			
DRENAG 1000	215	175	71	413	385	1 1/2	240	600	250	10	24	17
DRENAG 1200	215	175	71	413	385	1 1/2	240	600	250	10	24	18,5

FEKA VS SEWAGE PUMPS



CE Submersible centrifugal pump with liquid vortex cast steel impeller, suitable for pumping sewer water and waste water in general containing solids up to a maximum size of 50 mm. Handle with insulating rubber cover. AISI 316 stainless steel drive shaft. Double mechanical seal with intermediate oil chamber (atoxic oil), in carbon/alumina on the motor side and silicon carbide/silicon carbide on the pump side. Dry, asynchronous, sealed and cooled by the pumped liquid. Rotor mounted on greased for-life ball bearings, oversized and selected to guarantee greater noise reduction and duration. Thermo-ampere meters protection as standard for single-phase version, and the user's responsibility for the three-phase version. Constantly active capacitor on the single-phase version. Construction in accordance with the IEC 2-3 IEC 61-69 (EN 60335-2-41) standards.

Motor protection class IP 68

Insulation class F

Power supply cable 10 mt of H07RN-F cable with Shuko plug for the single-phase version and 10 meters of H07RN-F cable for the three-phase version.

Operating range

from 0 to 32 m³/h with head up to 14 mt

Pumped liquid sewer water and waste water in general and non aggressive.

Liquid temperature range from 0°C to +35°C for household use (EN 60335-2-41), from 0°C to +50°C for other uses.

Maximum ambient temperature for pump running with submersible motor +40°C

Maximum immersion depth 10 mt

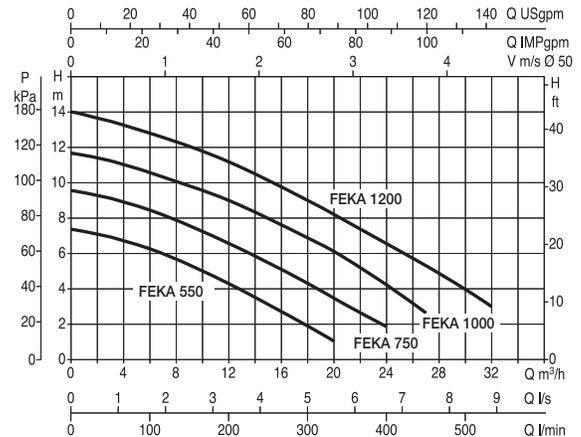
Installation fixed or portable, vertical.

Free Passage 50 mm

TECHNICAL DATA - VS

MODEL	ELECTRICAL DATA						
	VOLTAGE 60 HZ	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR	
			kW	HP		µF	VC
FEKA VS 550 M-A	1x220-230 V~	0,84	0,55	0,75	3,9-4	20	450
FEKA VS 550 M-NA	1x220-230 V~	0,84	0,55	0,75	3,9-4	20	450
FEKA VS 550 T-NA *	3x220-277 V~	0,78	0,55	0,75	2,72-2,42	-	-
FEKA VS 750 M-A	1x220-230 V~	1,1	0,75	1	5	20	450
FEKA VS 750 M-NA	1x220-230 V~	1,1	0,75	1	5	20	450
FEKA VS 750 T-NA *	3x220-277 V~	1,1	0,75	1	3,25-2,9	-	-
FEKA VS 1000 M-A	1x220-230 V~	1,4	1	1,36	6,6	25	450
FEKA VS 1000 M-NA	1x220-230 V~	1,4	1	1,36	6,6	25	450
FEKA VS 1000 T-NA *	3x220-277 V~	1,3	1	1,36	4,1-3,65	-	-
FEKA VS 1200 M-A	1x220-230 V~	1,8	1,2	1,6	7,6-8	30	450
FEKA VS 1200 M-NA	1x220-230 V~	1,8	1,2	1,6	7,6-8	30	450
FEKA VS 1200 T-NA *	3x220-277 V~	1,8	1,2	1,6	5,8-5	-	-

* 3x220/277 V ~ available on request



DCONNECT

COMMAND AND
CONTROL SYSTEMS

CIRCULATORS AND
IN-LINE PUMPS

MULTIUSAGE CENTRIFUGAL
AND SELF-PRIMING PUMPS

SWIMMING POOL, POND AND
SALT WATER PUMPS

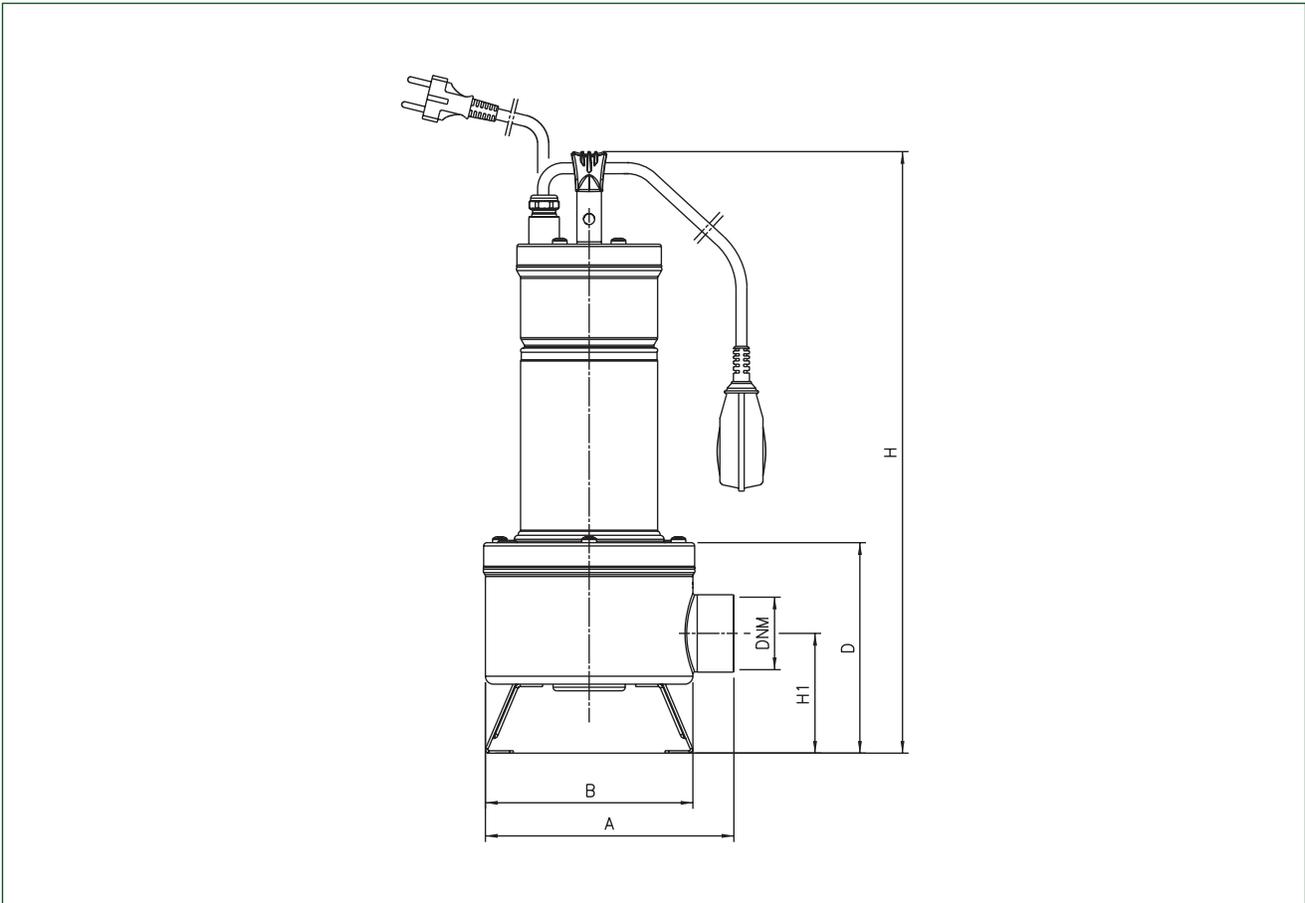
CENTRIFUGAL PUMPS

SUBMERSIBLE PUMPS

SUBMERSIBLE PUMPS
AND SUBMERSIBLE MOTORS

PRESSURE UNITS

DIMENSIONS AND WEIGHT



MODEL	A	B	D	H	H1	Ø DNM (NPT)	PACKING DIMENSIONS			FREE PASSAGE mm	WEIGHT Kg	Q.TY x PALLET
							L/A	L/B	H			
FEKA VS 550	203	170	172	492	98	2"	240	600	240	50	16,3	24
FEKA VS 750	203	170	172	492	98	2"	240	600	240	50	17,5	24
FEKA VS 1000	203	170	172	537	98	2"	240	600	240	50	19,3	24
FEKA VS 1200	203	170	172	537	98	2"	240	600	240	50	20,8	24