

# FEKA 700 - 800

## SUBMERSIBLE PUMPS



Submersible, centrifugal pump with liquid vortex impeller in stainless steel AISI 304.

Suitable for draining sewage water and waste water in general containing solid bodies up to a maximum size of 35 mm.

Motor casing, top cap with handle, bottom support with feet in stainless steel AISI 304.

Pump body in cast iron. Driving shaft in stainless steel.

Dual sealing system with oil chamber interposed, consisting of a carborundum/ceramic seal on the pump side and a v-ring on the motor side.

Asynchronous, submersible motor for continuous service in a non toxic oil bath. Capacitor permanently on and the single-phase versions have built-in thermal-ampereometric protection.

Supplied with standard power cable (5 or 10 m.) H07RN-F.

Single-phase models can be supplied either with or without float. The customer must see to protection of the three-phase versions.

**Operating range:** up to 24 m<sup>3</sup>/h with a head of up to 9 metres.

**Pumped liquid:** sewage water and waste water in general but not aggressive.

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

from 0°C to +35°C for domestic use

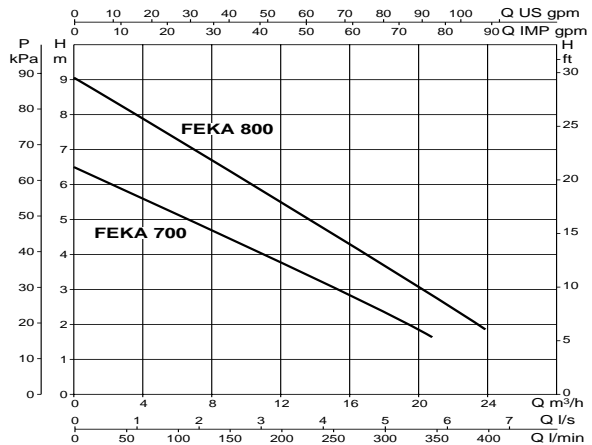
**Maximum immersion depth:** 5 metres

**Motor protection level:** IP 68

**Insulation class:** F

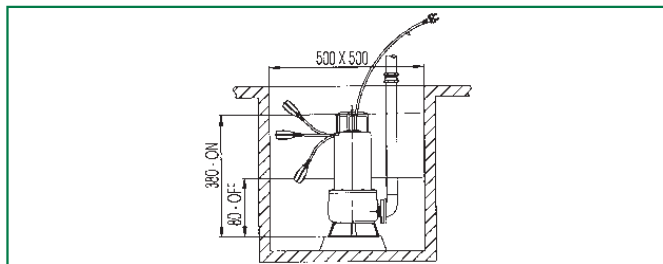
**Installation:** fixed or portable, in the upright position.

### ELECTRICAL AND HYDRAULIC DATA

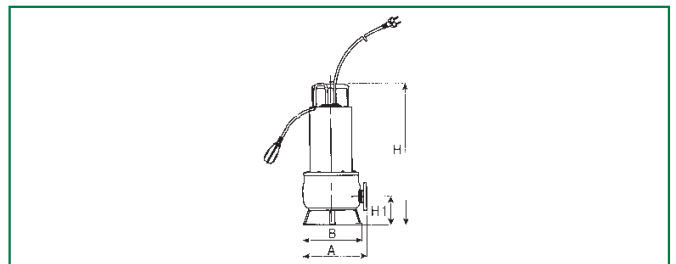


MODEL	VOLTAGE 50 Hz	ELECTRICAL DATA						HYDRAULIC DATA									
		P1 MAX kW	P2 NOMINAL		I <sub>n</sub> A	CAPACITOR											
			kW	HP		μF	V <sub>c</sub>	m <sup>3</sup> /h	0	3	6	9	12	15	18	20	24
FEKA 700 M	1x220-240 V~	0,94	0,6	0,8	4,1	16	450	H (m)	6,5	5,8	5,2	4,5	3,8	3,1	2,4	1,8	
FEKA 700 T	3x400 V~	0,95	0,6	0,8	2	-	-	H (m)	9	8,2	7,3	6,5	5,6	4,7	3,8	3,1	1,9
FEKA 800 M	1x220-240 V~	1,37	0,75	1	6,3	20	45	H (m)	9	8,2	7,3	6,5	5,6	4,7	3,8	3,1	1,9
FEKA 800 T	3x400 V~	1,22	0,75	1	2,2	-	-	H (m)	9	8,2	7,3	6,5	5,6	4,7	3,8	3,1	1,9

### INSTALLATION



### DIMENSIONS AND WEIGHTS



MODEL	A	B	H	H1	ø DNM	PACKING DIMENSIONS			VOLUME m <sup>3</sup>	WEIGHT Kg
						L/A	L/B	H		
FEKA 700	196	180	361	88	2" G-F	190	230	400	0,017	11
FEKA 800	196	180	361	88	2" G-F	190	230	400	0,017	13