

# FEKA 6000/6100/6200/6300/8100/8200/8300

## SEWAGE PUMPS

### SEWAGE AND WASTE WATER



FEKA 6000



FEKA 8000



Cast iron submersible pumps with the vortex impeller for sewage, suitable for foul waste water with solid contents with the **108 mm** as maximum diameter. Technopolymer upper cover with the handle. Nylon vortex impeller with the fiber glass abrasionproof resistance. Motor body, hydraulic section and any impeller in cast iron EN GJL 200. Double mechanical seals in oil chamber: motor side carbon/steel, pump side in silicon carbide/silicon carbide. Oil chamber with water level detector kit. Dry type asynchronous sealed motor. Rotor mounted on ball bearings to ensure silent running and long life. In the single-phase version capacitor under the cover. Thermal and overcurrent protection are installed in the motor windings as standard.

**Motor protection rating:** IP 68.

**Insulation class:** F.

Continuous duty with completely immersed pump.

The single-phase version can be equipped with float switch for automatic starting and stopping of the pump. Supplied as standard with **10 metre H07RN-F** power cable.

**Operating range:** from 36 to 780 m<sup>3</sup>/h with head up to 28 mt.

**Liquid quality requirements:** Non-aggressive sewage, drain water.

**Liquid temperature range:** from 0° to + 40°.

**Maximum immersion depth:** 20 mt.

**Installation:** portable, in vertical position.

**Free passage:** 80-108 mm.

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					DNM	FREE PASSAGE mm	
		VOLTAGE 50 HZ	STARTING	P1 MAX kW	P2 NOMINAL				In A
					kW	HP			
FEKA 6075.6T	103019000	3X400 V~	Y/Δ	6,3	5,2	6,9	13	150	95
FEKA 6120.4T	103019040	3X400 V~	Y/Δ	12,7	8,5	11,3	23	150	95
FEKA 6150.4T	103019080	3X400 V~	Y/Δ	14	10,9	14,5	26	150	95
FEKA 6200.4T	103019050	3X400 V~	Y/Δ	15,8	14,9	19,9	30	150	95
FEKA 6250.4T	103019060	3X400 V~	Y/Δ	24	18,5	24,7	40	150	108
FEKA 6300.4T	103019070	3X400 V~	Y/Δ	23	21	28	45	150	108
FEKA 8150. 6T	60141737	3X400 V~	Y/Δ	11,2	8,5	11,3	23	200	80
FEKA 8200. 6T	60141738	3X400 V~	Y/Δ	13,4	11,4	15,2	31	200	80
FEKA 8250. 6T	60141739	3X400 V~	Y/Δ	16,5	13,5	18	39	200	80
FEKA 8300. 6T	60141740	3X400 V~	Y/Δ	22	19,3	25,7	46	200	80