

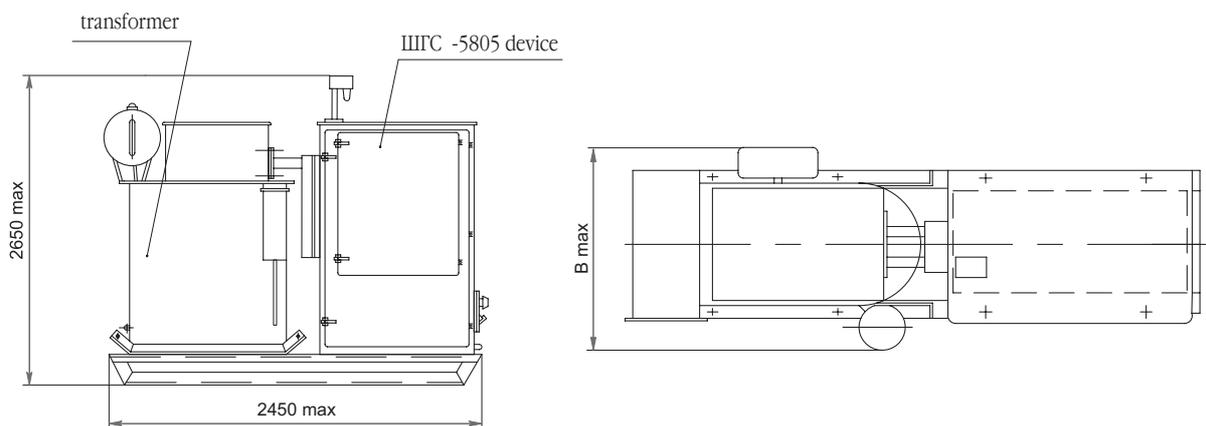
ASSEMBLED DEVICES OF KY-01 SERIES

KY-01 series assembled devices are designed to receive electric energy – three-phase, 50 Hz a.c. of 380 V, to convert it into energy of the voltage adequate for motors, as well as to control and protect immersion electric pumps for oil production, equipped with motors of ПЭД series with a power from 14 to 100 kW, with rated current of 50 A maximum and rated voltage up to 2200 V a.c., under moderate climatic conditions (from -45°C to +40°C). An assembled device is a set consisting of a power transformer and of a ШИФ-5805 device, mounted on common frame.

Both units are interconnected mechanically and electrically which provides high preparedness for installation and results in reduction of erection works at site as compared with the situation when equipment is purchased separately.

KY-01 main specifications

Rated current (primary) of power circuit, A, max	250
Rated current (secondary) of power circuit, A, max	50
Regulation steps of secondary voltage, V	from 391 to 2200
Rated voltage of control circuits, V	380
Rated current of control circuits, A	6
Transformer rated power, kV·A	63; 100; 160



Make type	L, mm	Mass, kg
KY-01-63-380/856	660	950
KY-01-100-380/1980		1070
KY-01-160-380/2050	900	1280