

9.3 SDN 1000-600 N3 synchronous motor

SDN 1000-600 N3 synchronous motor is designed to operate 22 NDS pump, which runs in pumps station system and other mechanisms.

Shaft in the motor is located horizontally, one free cylindrical end supported by journal bearings. Embodiment variant is IM 7311. Protection class is IP 20.

Motor is air cooled with self-ventilation in open loop. Motor excitation is performed by brushless exciter. The motor is delivered with digital excitation system. Motors are produced in conformity with international standards (according to the Russia's internal standards GOST 183) and individual performance specification of Customer.

Type of product	Capacity, kW	Voltage, V	$\cos \varphi$	Rotational speed, rpm	Efficiency, %	Weight, kg
SDN-1000-600 N3	1000	10000	0,9	600	95,0	9540