Table 1.6 Oil and oil products terminal Pumps NCN-E (BB1)

Pump Name	Rated Flow, m3/hr	Head, m	Speed, rpm	Pump Shaft Power, kW
NCN-E (НЦН-Е) 800/0,6-80-1	341	101,6	3000	160
NCN-E (НЦН-Е) 800-80б-1	567	106	3000	315
NCN-E (НЦН-Е) 800-80-1	571	150	3000	400
NCN-E (НЦН-Е) 800-80б-1	618	136,5	3000	400
NCN-E (НЦН-Е) 800-80	800	80	1500	315
NCN-E (НЦН-Е) 800-80	808	90	1500	315
NCN-E (НЦН-Е) 1600-80	1600	80	1500	630
NCN-E (НЦН-Е) 1600-80a	1800	70	1500	630
NCN-E (НЦН-Е) 1600-100	1600	100	1500	630
NCN-E (НЦН-Е) 1600-100	1487	111	1500	800
NCN-E (НЦН-Е) 1600-100	2000	80	1500	800
NCN-E (НЦН-Е) 2500-120	2500	120	1500	1250

Oil and oil products terminal Pumps NCN-E (BB1)

Applications of the pumps NCN-E for boosting the pressure of oil-field produced (formation) water to be injected into the petroliferous pools (for secondary oil recovery) as booster waterflood pumps; for handling triethylene glycol; for loading mazout (fuel oil) and light oil (motor gasoline, kerosene and diesel fuel) into tank wagons at the oil refinery terminals. May be used as booster pipeline pumps for HM series pipeline pumps used for handling crude oil; for drawing off crude oil from the flow tanks (oil treating vessels) of the central process facility.

Electrically driven, horizontal foot- or semicentreline-mounted, between-bearings, single-stage, axially split volute casing centrifugal pumps with a double entry radial impeller. The rotor is carried by the grease-lubricated or oil-bath lubricated antifriction bearings. Shaft sealing: by mechanical seals