

Table 5.2 Boiler feed water PE Pumps (BB5)

Pump Name	Rated Flow, m ³ /hr	Head. m	Speed, rpm	Motor Rated Power. kW
PE (ΠЭ) 380-185-5	380	2030	3000	3150
PE (ΠЭ) 380-200-5	380	2190	3000	3150
PE (ΠЭ) 400-185	400	1900	3000	3150
PE (ΠЭ) 500-185-5	500	1950	3000	4000
PE (ΠЭ) 580-185-5	580	2030	3000	4000
PE (ΠЭ) 580-195-5	580	2150	3000	5000
PE (ΠЭ) 720-185-3	720	2030	3000	5000
PE (ΠЭ) 720-185-4	735	2030	3000	6300
PE (ΠЭ) 720-185-4	872	2052	3000	6300
PE (ΠЭ) 720-185-6	720	2030	3000	5000
PE (ΠЭ) 560-315-1	560	3500	6000	8000
PE (ΠЭ) 600-300-4	600	3290	6300	8000
PE (ΠЭ) 600-300-5	600	3290	6300	8000
PE (ΠЭ) 640-360	640	3670	6000	7000

Boiler feed water PE Pumps (BB5)

Designed for delivering treated water (feed water) into stationary steam boilers of the conventional (fossil-fueled) thermal power stations as well as to supply feedwater into waste-heat boilers at the power stations with combined-cycle and steam power plants.

Motor driven horizontal multistage diffuser centrifugal pumps of barrel type with a withdrawable cartridge of ring-section type. Single flow impeller arrangement, with all the impellers facing the same way. May be operated both at the constant and variable speed of rotation. The pump rotor is carried by the oil-ring or pressure lubricated plain bearings. Shaft sealing: mechanical seals.

At the Customer's request, the following options can be provided:

Such a construction of studs for casing main joint that enables the use of hydraulic jacks (wrenches) for pre-tensioning the studs by making them only elongate before nuts screwing-on, thus avoiding torsional stresses arisen and ensuring their accurate and even tightening-up;

Equipping with a balance disc-from-seat separation device to ensure the guaranteed axial gap in the balancing device, thus holding pump rotor unbound both during standstill and at start-ups.