



## BB2 - PD Booster feed (hot) Water Pumps

Pump Name	Rated Flow, m3/hr	Head. m	Speed, rpm	Pump Shaft Power. kW
PD (ΠΔ) 650-160-2	650	158	3000	303
PD (ΠΔ) 650-180-2*	1660	194	2100	954
PD (ΠΔ) 650-180-2a**	1050	184	2100	633
PD (ΠΔ) 650-180-2a***	1240	158	2000	618

### Booster feed (hot) Water Pumps PD (BB2)

The boiler feed booster pumps are installed upstream of boiler feed pumps to deliver feed water with the pumping temperature of max. 165°C at the power units in TPS's to ensure a cavitation free operation of the main pumps.

PD 650-160: motor-driven horizontal single-stage axially split (radially split in case of 160-2) volute-casing centrifugal pumps with a double entry radial impeller. Pump nozzles oriented horizontally to the opposite sides. The pump rotor is carried by the oil-ring lubricated plain bearings. Shaft sealing: packed glands.

PD 1600-180-2: turbine-driven horizontal single-stage radially split volute-casing centrifugal pumps with a double entry radial impeller. The discharge nozzle horizontally sideward, the suction nozzle vertically to the bottom. The pump rotor is carried by the pressure lubricated plain bearings. Shaft sealing: mechanical seals.

\* for TPS 800 MW power units

\*\* for TPS 500 MW power units

\*\*\* for TPS 320 MW power units