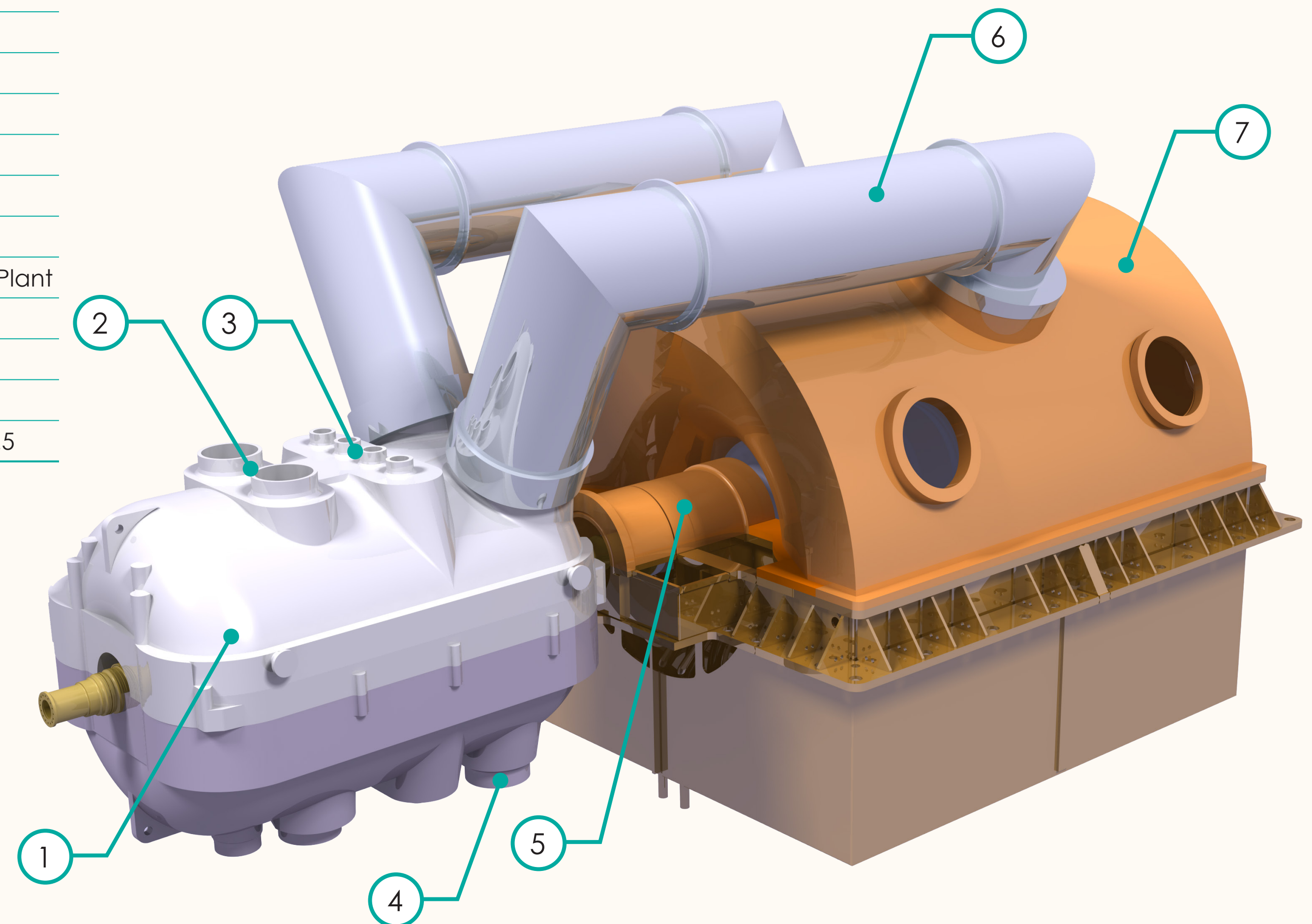


No.	Parameters	Unit	Value
1	Gross Power Output*	MW	320
2	Gross Efficiency*	%	44.3
3	Main Steam Flow	kg/s	289.7
4	Main Steam Pressure	bar	166.7
5	Main Steam Temperature	°C	538
6	Reheat Steam Flow	kg/s	221.8
7	Reheat Steam Pressure	bar	33.8
8	Reheat Steam Temperature	°C	538
9	Shaft Speed	rpm	3000
10	Back Pressure	bara	0.095
11	Heat Rate	(kJ/kWh)	8117
12	Application	-	Conventional Steam Power Plant
13	Frequency	Hz	50
14	Max. Allowed Back Pressure [Trip Value]	bar	0.28
15	Weight (Core Engine)	tonnes	350
16	Dimensions (Length×Width×Height)	m	16.9 x 7.1 x 7.5

* Nominal Power at ISO Conditions.

- 1- HP/IP Outer Casing
- 2- Hot Reheat Nozzle
- 3- Main Steam Inlet Nozzle
- 4- Cold Reheat Nozzle
- 5- Bearing
- 6- Cross Over Pipes
- 7- LP Outer Casing



Steam Turbine MST-70/3200