

2.0 DATASHEET REF.: DS:1823/NOZZLE/01

Sl. No.	Description	Technical Parameter			
		SH Spray	RH Spray	Economizer Inlet Feed water Flow	Water Flow - Start-up system
1	Service				
2	Tag No	LAE71CF501 & LAE72CF501	LAE21CF501 & LAE22CF501	HAC10CF501	HAG15CF501
3	Quantity/Boiler (Nos.)	2	2	1	1
4	Design Pressure (Kg/cm ²)	321	200	321	298.1
5	Operating Pressure (Kg/cm ²)	267.32 \triangle	72.55 \triangle	299.2 \triangle	288
6	Design Temperature (°C)	530	546	348 \triangle	348
7	Operating Temperature (°C)	299	189	300	348
8	Operating Flow (T/Hr)	51.7	30.2	2481.6 \triangle	918.2
9	Maximum Flow (T/Hr)	129.3	86.8	2585 \triangle	1010.1
10	Minimum Flow (T/Hr)	19.2	8.7	--	
11	Line size (OD x T mm)	114.30 x 17.12	114.3 x 28	610 x 80	508 x 70
12	Tapping	3 Pairs of stubs suitable for socket welding of the nipple of line size 26.70 mm OD. 2 Pairs of tapping shall be plugged with metal plugs. Plastic caps are not acceptable.			
13	Main Pipe-BHEL Trichy supply.	SA335 P91	SA335 P22	SA106 Gr. C	SA106 Gr. C