



CONTROL VALVE SPECIFICATION

Customer: Toshiba Energy Systems & Solutions Corporation
 Reference: Sumitomo Corporation
 Tanjung Jati B Expansion
 Coal Fired Steam Power Plant 2x1000MW

Item	20	Rev.		Style/Model	Diaphragm / 657																									
Quantity	2			Size	70																									
Application	LP HEATER DRAIN TANK LEVEL CONTROL VALVE			Spring/Adjustor	1N1284																									
Tag No.	50LCJ65AA210, 60LCJ65AA210			Air to Actuator	0.4 - 2.0 bar																									
Serial No	J231068, J231103			Air Fail to	Valve Lock																									
Size & Type	DN150 x 100 657 - EWT			Handwheel	Side Mount																									
Body	Valve style	Globe		Adjustable Stop	None																									
	No. of Port	Single		M'tg. Positon	Vertical, Up																									
	Rating	ASME CL 300		Style/Model	I/P / DVC6200HC (IP66) <1>																									
	End Conn	Style	BWE	Input Signal	4 - 20 mA																									
	Conn	Finish/Weld Prep	4N/6A		Increase Signal	Valve Close																								
	Material	WCB (Bonnet: WCB)		Bypass/Gauge	None / Supply & Output																									
	Push Down To	Valve Close		Air Set Model	67DFR																									
	Flow Direc.	Flow Down		Set Press.	2.7 bar																									
	Flow Tend To	Valve Open		Mouting Position	Side HW : 4 <2>																									
	Port Size	4-3/8			Positoner : 3 <2>																									
Balance	Balanced																													
Trim	Flow Charact.	Linear		Solenoid Valve	Style: None																									
	Form	Cavitrol III 1stg		()	Model																									
	Guiding	Cage		()	De-Energize																									
	Seat Style	Metal		()	Elec.Supply																									
	Shut-off Class	ANSI/FCI 70-2 Class IV		()	Tag No.																									
	Material	Trim No.	76		Limit	Style: None																								
		Cage/Bush.	17-4PH SST		Switch	Model																								
		Plug/Disk	420 SST		()	Position																								
		Seat Ring	17-4PH SST		()	Tag. No.																								
		Stem/Shaft	316 SST cond.B		Lock-UpValve	Model: 167DA-16 (Inlet:Port B)																								
Bonnet	Style	Standard		(Q'ty 1)	Set Press.: 2.0 bar																									
	Boss Size	3-9/16		Trip Valve	Model: None																									
	Stem Size	3/4		Valve	Set Press.:																									
	Packing	Material	PTFE V-ring		Volume Tank	None																								
		Arrangement	Double (Ass'y 1)		NOTE																									
	Lubricator	None		1. SST Name Plate																										
	Lub. Tapping	None		2. DVC6200 with integral 4-20mA Position Transmitter																										
	Bolting	Bonnet	B7/2H		3. Booster Relay VBL x 1pc																									
Packing		SST/SST		4. Check Valve AK4000-04 x 1pc																										
Valve Travel	54 mm		<3>																											
Travel Stopper	None																													
Design Temp:	116 deg C	Press:	29.7 bar																											
SERVICE CONDITION																														
Application:	Throttling																													
Fluid/State	Water / Liquid																													
Unit																														
Shut-off ΔP	bar		29.7																											
Rated Coeff.	Cv		169																											
Recovery Coeff.	FL 0.95																													
Line Size/Sch.	In: DN150, Sch.40 / Out: DN150, Sch.40																													
Approved	T.Matsuo																													
Checked	Supply Pressure	6.0 - 8.0 bar																												
	Bench Set	0.40 - 1.29 bar																												
M.Kitada	StrokingSpeed (Approx.)	Open to Close	within 20 sec																											
		Close to Open	within 20 sec																											
	Elec.Classification	Indoor																												
Prepared	Inst.Conn.	Pneu.	1/2 NPT	Elec.	1/2 NPT																									
	Pneu.	Tubing	PVC coverd copper tubing																											
	Tubing	Fitting	37 deg Flare & Sleeve																											
	Painting Color	Body	FISHER Sliver																											
	Actuator	FISHER Green																												
<table border="1"> <tr> <td><6></td> <td></td> <td><1></td> <td>2018/10/3</td> <td>Rev.5</td> </tr> <tr> <td><5></td> <td></td> <td>Ord</td> <td>2018/5/28</td> <td>171274-03</td> </tr> <tr> <td><4></td> <td></td> <td>Quot</td> <td>2018/2/13</td> <td>SE8443</td> </tr> <tr> <td><3></td> <td>2019/1/24</td> <td>Rev.10</td> <td>Date</td> <td>No</td> </tr> <tr> <td><2></td> <td>2018/11/14</td> <td>Rev.7</td> <td colspan="2">Records</td> </tr> </table>						<6>		<1>	2018/10/3	Rev.5	<5>		Ord	2018/5/28	171274-03	<4>		Quot	2018/2/13	SE8443	<3>	2019/1/24	Rev.10	Date	No	<2>	2018/11/14	Rev.7	Records	
<6>		<1>	2018/10/3	Rev.5																										
<5>		Ord	2018/5/28	171274-03																										
<4>		Quot	2018/2/13	SE8443																										
<3>	2019/1/24	Rev.10	Date	No																										
<2>	2018/11/14	Rev.7	Records																											

Form:PC-S-2A