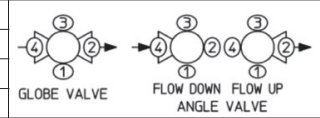




CONTROL VALVE SPECIFICATION

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

Item	1	Rev.		Style/Model	Piston / 585C	
Quantity	2			Size	100	
Application	DEAERATOR LEVEL CONTROL VALVE	<1>		Spring/Adjustor	None	
Tag No.	50LCA55AA205, 60LCA55AA205			Air to Actuator	4.5 - 7.0 bar <1>	
Serial No	J231042, J231077			Air Fail to	Valve Lock	
Size & Type	DN400 585C - Large-ET			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/16A		Increase Signal	Valve Close
	Material	WCB (Bonnet: WCB)		Bypass/Gauge	None / Supply & Output	
	Push Down To	Valve Close		Model	AW40-N06H-2-B-X2286 <2>	
	Flow Direc.	Flow Down		Set Press.	7.0 bar	
	Flow Tend To	Valve Open		Side HW : 3		
	Port Size	14-3/4		Positioner : 3 <3>		
Balance	Balanced					
Trim	Flow Charact.	Characterized (NOTE3)		Mouting Position		
	Form	Cavitrol III 2stg char.				
	Guiding	Cage		Solenoid Valve	Style None	
	Seat Style	Metal		Model		
	Shut-off Class	ANSI/FCI 70-2 Class IV		() De-Energize		
	Material	Trim No.	45	<1>	Elec.Supply	
		Cage/Bush.	17-4PH SST		Tag No.	
		Plug/Disk	420 SST <1>		Limit Switch	Style None
		Seat Ring	17-4PH SST		Model	
		Stem/Shaft	17-4PH SST		() Position	Tag. No.
Bonnet	Style	Standard		Lock-Up Valve	Model 377L	
	Boss Size	5H		(Q'ty 1) Set Press.	4.5 bar	
	Stem Size	1-1/4		Trip Valve	Model None	
	Packing	Material	PTFE V-ring		Set Press.	
		Arrangement	Double (Ass'y 1)		Volume Tank	None
	Lubricator	None				
	Lub. Tapping	None				
	Bolting	Bonnet	B7/2H			
Packing		SST/SST				
Valve Travel	203 mm					
Travel Stopper	None					
Design Temp:	70 deg C	Press:	47 bar			
SERVICE CONDITION						
Application:	Throttling					
Fluid/State	Water / Liquid					
Unit						
Shut-off ΔP	bar	47				
Rated Coeff.	Cv	2443 (NOTE 3)				
Recovery Coeff.		FL 0.98				
Line Size/Sch.	In: DN450, Sch.40 / Out: DN450, Sch.40					
Approved	A. Kimura					
Checked	Supply Pressure	6.0 - 8.0 bar				
	Bench Set					
M. Kitada	Stroking Speed (Approx.)	Open to Close	within 10 sec			
		Close to Open	within 10 sec			
	Elec. Classification	Indoor				
Prepared	Inst. Conn.	Pneu.	3/4 NPT	Elec.	1/2 NPT	
	Pneu. Tubing	PVC covered copper tubing				
	Tubing Fitting	37 deg Flare & Sleeve				
	Painting Color	Body	FISHER Sliver			
	Actuator	FISHER Green				
				<6>	<1>	
				<5>	2018/10/3	
				<4>	Rev.5	
				<3>	2018/11/14	
				<2>	2018/10/29	
					2018/5/28	
					171274-03	
					2018/2/13	
					SE8443	
					Date	
					No	
					Records	
					2018/10/3	
					Rev.5	
					2018/5/28	
					171274-03	
					2018/2/13	
					SE8443	
					Date	
					No	
					Records	
					2018/10/3	
					Rev.5	
					2018/5/28	
					171274-03	
					2018/2/13	
					SE8443	
					Date	
					No	
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					2018/10/3	
					Rev.5	
					2018/5/28	
					171274-03	
					2018/2/13	
					SE8443	
					Date	
					No	
					Records	



- NOTE**
1. SST Name Plate
 2. DVC6200 with integral 4-20mA Position Transmitter
 3. Flow Characterized: No. TSJ-MR-186063
 4. Booster Relay 2625 x 2pcs
 5. Check Valve AK6000-06 x 1pc

Approved
A. Kimura

Checked
M. Kitada

Prepared
S. Tajiri

Form:PC-S-2A

Nippon Fisher Co., Ltd.

LSCN No -- NF Item 001, 101