



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>	Actuator	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			Positioner	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			Air Set	Model	AW40-N06H-2-B-X2286 <2>	
	Flow Direc.	Flow Down			Set Press.	7.0 bar		
	Flow Tend To	Valve Open			Mouting Position	Side HW : 3		
	Port Size	14-3/4			Positioner : 3	<3>		
Balance	Balanced			Solenoid Valve	Style	None		
Trim	Flow Charact.	Characterized (NOTE3)			()	De-Energize		
	Form	Cavitrol III 2stg char.			()	Elec.Supply		
	Guiding	Cage			()	Tag No.		
	Seat Style	Metal			Limit Switch	Style	None	
	Material	Shut-off Class	ANSI/FCI 70-2 Class IV			()	Position	
		Trim No.	45 <1>			()	Tag No.	
		Cage/Bush.	17-4PH SST			Lock-UpValve	Model	377L
		Plug/Disk	420 SST <1>			(Q'ty 1)	Set Press.	4.5 bar
Seat Ring	17-4PH SST			Trip Valve	Model	None		
Stem/Shaft	17-4PH SST			Volume Tank	Set Press.			
Bonnet	Style	Standard				None		
	Boss Size	5H						
	Stem Size	1-1/4						
	Packing	Material	PTFE V-ring					
		Arrangement	Double (Ass'y 1)					
	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	StrokingSpeed (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	<6>	<1> 2018/10/3 Rev.5	
	Pneu.	Tubing	PVC coverd copper tubing				<5>	Ord 2018/5/28 171274-03
	Tubing	Fitting	37 deg Flare & Sleeve				<4>	Quot 2018/2/13 SE8443
	Painting Color	Body	FISHER Sliver				<3> 2018/11/14 Rev.7	Date No
	Actuator	FISHER Green				<2> 2018/10/29 Rev.6	Records	

Form:PC-S-2A

Nippon Fisher Co., Ltd.

LSCN No -- NF Item 001, 101