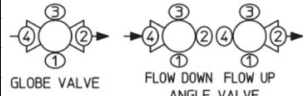




**CONTROL VALVE SPECIFICATION**

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

Item	2		Rev.		Style/Model	Diaphragm / 657		
Quantity	2				Size	87		
Application	CONDENSATE RECIRCULATION FLOW CONTROL VALVE			Actuator	Spring/Adjustor	1N1284		
Tag No.	50LCA54AA205, 60LCA54AA205				Air to Actuator	0.4 - 2.0 bar		
Serial No	J231043, J231078				Air Fail to	Valve Open		
Size & Type	DN200 x 150 657 - EWT		<5>		Handwheel	Side Mount		
					Adjustable Stop	Upstop, Style 1		
Body	Valve style	Globe		Positioner	M'tg. Positon	Vertical, Up		
	No. of Port	Single			Style/Model	I/P / DVC6200HC (IP66) <3>		
	Rating	ASME CL 300			Input Signal	4 - 20 mA		
	End Conn	Style	BWE		Increase Signal	Valve Close		
		Finish/Weld Prep	4N/8A		Bypass/Gauge	None / Supply & Output		
		Material	WCB (Bonnet: WCB)		Air Set	Model	67DFR	
	Push Down To	Valve Close			Set Press.	2.7 bar		
	Flow Direc.	Flow Down		Mouting Position	Side HW :	4	<4>	
	Flow Tend To	Valve Open			Positioner :	3	<4>	
	Port Size	7		Solenoid Valve	Style	None		
	Balance	Balanced			Model			
	Flow Charact.	Linear			( ) De-Energize			
	Form	Cavitrol III 1stg			Elec.Supply			
Trim	Guiding	Cage		Tag No.				
	Seat Style	Metal		Limit	Style	None		
	Shut-off Class	ANSI/FCI 70-2 Class IV		Switch	Model			
	Material	Trim No.	76		( ) Position			
		Cage/Bush.	17-4PH SST		Tag No.			
Plug/Disk		420 SST		Lock-UpValve	Model	None		
Seat Ring		17-4PH SST		( ) Set Press.				
	Stem/Shaft	316 SST cond.B		Trip Valve	Model	None		
Bonnet	Style	Ext-1		<2>	Volume Tank	None		
	Boss Size	5			<b>NOTE</b> 1. SST Name Plate 2. DVC6200 with integral 4-20mA Position Transmitter 3. Booster Relay VBL x 1pc 4. Adjustable stopper is not set at Factory.			
	Stem Size	1						
	Packing	Material	PTFE V-ring					
		Arrangement	Double (Ass'y 4)					
	Lubricator	Water seal nozzle						
Lub. Tapping	Yes							
Bolting	Bonnet	B7/2H						
	Packing	SST/SST						
Valve Travel	51 mm		<5>					
Travel Stopper	Up, (NOTE 4)							
Design Temp:	70 deg C		Press: 47 bar					
<b>SERVICE CONDITION</b>								
Application:	Throttling							
Fluid/State	Water / Liquid							
	Unit							
Shut-off ΔP	bar	47						
Rated Coeff.	Cv	267						
Recovery Coeff.		FL 0.93						
Line Size/Sch.	In: DN250, Sch.40 / Out: DN250, Sch.40							
Approved	T.Matsuo							
Checked	Supply Pressure	6.0 - 8.0 bar						
	Bench Set	0.40 - 1.17 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	<6>	<1> 2018/6/12 Rev.2	
	Pneu.	Tubing	PVC coverd copper tubing				<5>	2019/1/24 Rev.10
	Tubing	Fitting	37 deg Flare & Sleeve				<4>	2018/11/14 Rev.7
	Painting	Body	FISHER Sliver				<3>	2018/10/3 Rev.5
	Color	Actuator	FISHER Green				<2>	2018/8/22 Rev.4
Records								



Form:PC-S-2A

Nippon Fisher Co., Ltd.

LSCN No -- NF Item 002, 102