

CONTROL VALVE SPECIFICATIONS



Masonellian

Item No. 8-2
Date 2011/03/21
Serial No. ME12A0084-20
Quantity 1

Customer: THE PEOPLE'S REPUBLIC OF CHINA
THE PEOPLE'S REPUBLIC OF CHINA
Tag No. PV-5403-2

MODEL	Model No.	51-75683	AIR SET	Air Set	78-40	x 1
	Body Type	ANGLE		78-40 W/GAUGE	x 1	
	Rating	ASME CLASS 1500		Booster Relay	BR200	x 2
	End Connection	LARGE FEMALE		Transfer Valve or	78-80S	x 1
	Flange Face Finish	AS PER STANDARD		Limit Valve or	78-80S	x 1
BONNET	Bonnet Type	STANDARD	Set Pressure	1.5 kgf/cm ²	x 1	
	Body Size	In. 10" out. 20"		Volume Tank	1.5 kgf/cm ²	x 1
TRIM	Trim Size	1"	Air Set	AP13A-0415NG45JN W/G	x 1	
	Trim Form	SINGLE				
SERIAL	Characteristic	LINEAR	ACCESSORIES			
	Rated Cv	* 700				
	Leakage Spec.	CLASS 4				
	Body	A494 Gr. CW-2M				
	Plug	Titanium Gr 5				
MATERIAL	Seat Ring	Titanium Gr 5	Pneumatic Valve	Model No.	-	
	Retainer or Cage	-		Energized	-	
	Guide Bushing	Titanium Gr 5		De-Energized	-	
	Stem	Titanium Gr 5		Manual Reset	-	
	Gasket	T#1838R-GR-TTF		Terminal Box	-	
ACTUATOR	Gland Packing	B#6510CL/P#65108	Limit Switch	Elec. Supply	-	
	Seal Ring	-		Elec. Conn.	-	
	Conical Spring	-				
	Flow to	OPEN				
	Signal Increase	-				
ACTUATOR	Fail Position	CLOSE	Air Piping	Model No.	496-257	
	Actuator Type	CYLINDER		Position	Close x 1 Open x 1	
	Size	#32		Elec. Conn.	3/4" NPT	
	Spring Range	-		Elec. Class	112GD Ex d 11C T5	
	Supply Pressure	1.5 kgf/cm ²		Signal Supply	1/2" NPT	
POSITIONER	Rated Travel	88.9mm (3-1/2")	Cyl or Color	Tube Mat'l	316L ST. ST. TUBE	
	Handwheel	D/SIDE		Fittings	1/2" NPT	
	Positioner Type	FOUNDATION FIELDBUS		Body	-	
	Model No.	PSE-2000		Yoke	RED	
	Signal	Close 0 %		Act'r Case	RED	
TRANSDUCER	Elec. Conn.	1/2" NPT	Fluid	Handwheel	RED	
	Elec. Class	112G EEx d 11C T5		Case	MAX	
	Model	-		Flow Rate	kg/h. 951901	
	In./Out. Signal	-		In. Press.	kgf/cm ² 85.1	
	Elec. Conn.	-		Out. Press.	kgf/cm ² 50	
TRANSDUCER	Elec. Class	-	SERVICE CONNECTION	Limit Diff. Press.	kgf/cm ² 135	
	Air Set	-		Temp.	C 285	
	Mounting	-		Density	(Sp. Gr.) 0.833	
				Calculated Cv	247	
				Cv%/Signal%	35 / 34	

Note	Travel Stopper	-	Des. Press.	kgf/cm ² 120
	Des. Temp.	C -	Max	285

- + Body Angle : 135 deg.
- + With Flushing Connection : 1/2" ASME Class 1500 LF (GLAND & PORT)
- + Positioner is supplied by Customer
- + Volume Tank is supplied by Customer
- Max. Shut-off Pressure = 1.5 kgf/cm²