

# CONTROL VALVE SPECIFICATIONS



## Masonellan

Item No. 8-2

Date 2011/04/21

Serial No. ME12A0084-20

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

Quantity 1

Model No.	51-75683	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	Transfer Valve or	78-80S	x 1
Bonnet Type	STANDARD	Set Pressure	4.5 kgf/cm <sup>2</sup>	
Body Size	In 18" Out 20"	Volume Tank	0.3m <sup>3</sup> (80gal)	x 1
Trim Form	SINGLE			
Characteristic	LINEAR			
Rated Cv	* 700			
Leakage Spec.	CLASS 4			
Body	A494 Gr. CW-2M			
Plug	Titanium Gr 5			
Seat Ring	Titanium Gr 5			
Retainer or Cage	-			
Guide Bushing	Titanium Gr 5			
Stem	Titanium Gr 5			
Gasket	T#1838R-GR-TTF			
Gland Packing	P#5610CL/P#5510R			
Grant Ring	-			
Seal Ring	-			
Conical Spring	-			
Flow to	OPEN			
Signal Inverter	-			
Fail Position	CLOSE			
Actuator Type	CYLINDER			
Size	#32			
Spring Range	-			
Supply Pressure	4.5 kgf/cm <sup>2</sup>			
Rated Travel	88.9mm (3-1/2")			
Handwheel	NO/STD			
Positioner Type	FOUNDATION FIELDBUS			
Model No.	TYPE BELOW			
Signal	Close 0 %			
Elec. Conn.	1/2" NPT			
Elec. Class	112G EEx d IIC T5			
Material	-			
In./Out. Signal	-			
Elec. Conn.	-			
Elec. Class	-			
Air Set	-			
Mounting	-			
Lubrication Valve	Yes			
Grease No.	CLIMAX #400			
Travel Stopper	-			
CLIMAX LMin	-			
Des. Press.	kgf/cm <sup>2</sup> 120			
Des. Temp.	C -			
				Max 285

Note  
 + 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 = 17.5 kgf/cm<sup>2</sup>