PROMIGAS

SEDIMA CORP

PRESSURE CONTROL VALVES PILOTS AND REGULATORS				SHEET 1 OF 1	
NO	BY	DATE	REVISION	SPEC. NO. 1015-DS-X-160	REV. B
1	SEDIMA	09-07-26	A	PROJECT PCV THOMAS	DATE 09-10-26
1	SEDIMA	09-10-26	B		
				REQ. - P.O. 4900117938	
				BY SEDIMA / CHK'D P.GUERRA / APPR. O.ESCORCIA	

GENERAL	1	Tag Number		PCV-001									
	2	Service		NATURAL-GAS									
	3	Inlet pipe Size / Sch		8"	STD								
	4	Outlet pipe Size / Sch		8"	STD								
	5	Function		Pressure Control									
BODY	6	Type of Body		GlobeControl Valve									
	7	Body Size	Port Size	4"	Full area								
	8	Guiding	No. of Ports	By Mfr	By Mfr								
	9	End Conn. & Rating		RF, ANSI 600									
	10	Body Material		A 216 gr WCC									
	11	Packing Material		PTFE/aramid									
	12	Lubricator	Iso. Valve	No									
	13	Seal Type		Quick Change									
	14	Trim Characteristic		Linear / NXG-Trim									
	15	Trim Mat. Guide	Cage	A276	A487								
	16	Seat Material	Stem/Saht	By Mfr	By Mfr								
	17	Required Leakage Class		Clase VI									
	18	Max. Allow Sound Level dBA		85 dBA									
ACTUATOR/ PILOT	19	Type of Actuator		STD by Diaphragm									
	20	Model		667									
	21	Supply to Pilot		3-15 psi									
	22	Self Cont.	Ext. Conn.	aluminum	1/2"								
	23	Diaphragm Material		Buna-N diaphragm									
	24	Diaphragm Rating		By Mfr									
	25	Spring Range		By Mfr									
	26	Set Point		936 Psig									
	27	Air Action		Air To Open									
POSITIONER AND CONTROLLER	28	Model	Type	C1 (P + Reset)	Neumatic								
	29	TAG	Oper. Range	PIC-001	0-100%								
	30	Input Signal	Elect Conn:	3 -15 psig	½ NPTF								
	31	Action	Gauge	Reverse	1½ Inch								
	32	Characteristic	Clasification	Linear	I Div II Gr D								
	33												
SERVICE	34	FLOW UNITS		GAS									
	35	Fluid		Natural Gas									
	36	Q Max. MMscfd	CV	100	152								
	37	Q Nor. MMscfd	CV	70	126								
	38	Q Min. MMscfd	CV	50	98								
	39	Valve CV	Valve FL	260	0.94								
	40	Norm. Inlet Press.	ΔP	1050	114								
	41	Max. Inlet Press.		1200									
	42	Max. Shut Off	ΔP	1200 psig	1200 psig								
	43	Temp. Max.	Operating	100 °F	85 °F								
	44	Oper. Sp. Gr.	Mol. Wt.	0.568									
	45	Oper. Visc.	% Flash										
	46	% Superheat	% Solids										
	47	Vapor Press.	Crit. Press.										
	48	Predicted Sound Level dBA		< 85 dBA									
	46	Manufacturer		Fisher									
	47	Model No.		ET + NXG Trim									

NOTES: Include Fisher C1 Proportional-Plus-Reset Controller for 100% of pneumaatic operation.