


	HOJA DE DATOS		DOCUMENTO N° SC-E01-IC-HD-005	
	CLIENTE:		Y.P.F.B. TRANSPORTE S.A.	
	PROYECTO:		MEJORAS MEDICIÓN Y CONTROL - TERMINAL SANTA CRUZ	
	ÁREA:		TERMINAL SANTA CRUZ	
	TÍTULO:		VÁLVULAS DE CONTROL	
	ARCHIVO:		SC-E01-IC-HD-005 .xls	

ÍNDICE DE REVISIONES

REV.	DESCRIPCIÓN Y/U HOJAS AFECTADAS
0	APROBADO PARA CONSTRUCCIÓN

	REV. B								
FECHA	17/2/2016								
EJECUCIÓN	C. HEREDIA								
VERIFICACIÓN	R. ZURITA								
REVISIÓN	E. HUICI								
APROBACIÓN	J. PINO								



 Transporte S.A.		HOJA DE DATOS		DOCUMENTO Nº		SC-E01-IC-HD-005	
		CLIENTE:		Y.P.F.B. TRANSPORTE S.A.		HOJA: 5 de 9	
		PROYECTO:					
		MEJORAS MEDICIÓN Y CONTROL - TERMINAL SANTA CRUZ					
 D.E.C.S. <small>Desarrollo, Ejecución y Construcción de Servicios</small>		AREA:					
		TERMINAL SANTA CRUZ					
		TITULO:					
		VÁLVULAS DE CONTROL					
1	General	Tag No		PCV-1230			
2		Service		Condensate Hydrocarbon			
3		P&ID No.		SC-E01-PR-00-03-01 de 04			
4		Line No.		4"-0.237-B-(H-3)-1512			
5		Function		Flow Control			
6	Body	Body Form		Globe Style			
7		Body Size	Trim Size	2"	2 5/16"		
8		Trim Form			Equal Percentage		
9		Guiding	No. of Ports	Case Guided	1		
10		End Conn.	Rating	RF	ANSI 300		
11		Body Material		WCC Steel			
12		Lubricator	Iso Valve	N/A	N/A		
13		Cage Material		CB7Cu-1 SST			
14		Seal Ring		PTFE			
15		Seat Ring Gasket		RPTFE			
16		Valve Body-to Bonnet Bolting		WCC Steel			
17		Packing		PTFE V-ring			
18		Packing box ring		S31600 stainleel			
19		Packing Flange, studs or nuts		S31600 stainleel			
20		Spiral Wound Gasket		N06600			
21	Trim Material		S41600 SST				
22	Seat Material		S41600 SST				
23	Max Allow Sound Level		85 dBA				
24	Actuator	Actuator Type		Spring and Diaphragm			
25		Spring Action	Fail Position	Air to Close	Fail Open		
26		Supply		Natural Gas			
27		Supply Pressure		130 psig			
28	Positioner	Range of Operation		6-30 Psig			
29		Positioner Type		Electric-Pneumatic			
30		Input/ Output Signal		4 to 20 mA +Hart			
31		Action		Direct			
32	Accessories	Mounting		Integral			
33		Range of Operation		6-30 Psig			
34		Filter-Regulator	Supply Gage	Yes	Yes		
35		Handwheel		No			
36	Service	Housing Vent		No			
37		Flow Units		Barrels Per Day (BPD)			
38		Fluid		Condensate Hydrocarbon			
39		Norm Inlet Flow		6720 BPD			
40		Max Inlet Flow		8064 BPD			
41		Normal Pressure		80 psig			
42		Max Pressure		100 psig			
43		Temp Max	Operating	88°F	47°F		
44		Oper Sp.Gr.	Mol. Wt.	0,71	N/A		
45		Oper Visc	%Flash	-	N/A		
46	%Superheat	%Solids	N/A	N/A			
47	Vapor Press	Critical Press	N/A	N/A			
48	Predicted Sound Level		<85 dBA				
49	Manufacturer (only for reference)		Fisher or similar				
50	Model		657 DVC6200 or similar				

Notes:

- 1.-Vendor shall specify the torque depending the manufacture
- 2.-Vendor shall include catalogues with its proposal
- 3.-Valve inspection and testing
- 4.-Vendor shall include sizing and specification data sheet with its proposal

Fisher 3582i Valve Positioner on 657 Actuator





		HOJA DE DATOS		DOCUMENTO Nº		SC-E01-IC-HD-005	
		CLIENTE:		HOJA:			
		Y.P.F.B. TRANSPORTE S.A.		6 de		9	
		PROYECTO:					
		MEJORAS MEDICIÓN Y CONTROL - TERMINAL SANTA CRUZ					
		ÁREA:					
		TERMINAL SANTA CRUZ					
		TÍTULO:					
		VÁLVULAS DE CONTROL					
1	General	Tag No		PCV-1330			
2		Service		GLP			
3		P&ID No.		SC-E01-PR-00-03-01 de 04			
4		Line No.		6"-0.280-B-(H-3)-1020			
5		Function		Flow Control			
6	Body	Body Form		Globe Style			
7		Body Size	Trim Size	4"	4 3/8"		
8		Trim Form		Equal Percentage			
9		Guiding	No. of Ports	Case Guided	1		
10		End Conn.	Rating	RF	ANSI 300		
11		Body Material		WCC Steel			
12		Lubricator	Iso Valve	N/A	N/A		
13		Cage Material		CB7Cu-1 SST			
14		Seal Ring		PTFE			
15		Seat Ring Gasket		RPTFE			
16		Valve Body-to Bonnet Bolting		WCC Steel			
17		Packing		PTFE V-ring			
18		Packing box ring		S31600 stainleel			
19		Packing Flange, studs or nuts		S31600 stainleel			
20		Spiral Wound Gasket		N06600			
21	Trim Material		S41600 SST				
22	Seat Material		S41600 SST				
23	Max Allow Sound Level		85 dBA				
24	Actuator	Actuator Type		Spring and Diaphragm			
25		Spring Action	Fail Position	Air to Close	Fail Open		
26		Supply		Natural Gas			
27		Supply Pressure		130 psig			
28	Range of Operation		6-30 Psig				
29	Positioner	Positioner Type		Electric-Pneumatic			
30		Input/ Output Signal		4 to 20 mA +Hart			
31		Action		Direct			
32		Mounting		Integral			
33	Range of Operation		6-30 Psig				
34	Accessories	Filter-Regulator	Supply Gage	Yes	Yes		
35		Handwheel		No			
36		Housing Vent		No			
37	Service	Flow Units		Barrels Per Day (BPD)			
38		Fluid		GLP			
39		Norm Inlet Flow		6300 BPD			
40		Max Inlet Flow		7560 BPD			
41		Normal Pressure		160 psig			
42		Max Pressure		260 psig			
43		Temp Max	Operating	88°F	47°F		
44		Oper Sp.Gr.	Mol. Wt.	0.57	N/A		
45		Oper Visc	%Flash	-	N/A		
46		%Superheat	%Solids	N/A	N/A		
47	Vapor Press	Critical Press	N/A	N/A			
48	Predicted Sound Level		<85 dBA				
49	Manufacturer (only for reference)		Fisher or similar				
50	Model		657 DVC6200 or similar				

Notes:

- 1.-Vendor shall specify the torque depending the manufacture
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Fisher 3582i Valve Positioner on 657 Actuator



		HOJA DE DATOS		DOCUMENTO N°		SC-E01-IC-HD-005	
		CLIENTE:		Y.P.F.B. TRANSPORTE S.A.		HOJA: 7 de 9	
		PROYECTO:		MEJORAS MEDICIÓN Y CONTROL - TERMINAL SANTA CRUZ			
		AREA:		TERMINAL SANTA CRUZ			
		TITULO:		VÁLVULAS DE CONTROL			

1	General	Tag No		PCV-1800			
2		Service		Liquid Hydrocarbon			
3		P&ID No.		SC-E01-PR-00-03-01 de 04			
4		Line No.		8"-0.322-B-(H-3)-105			
5		Function		Flow Control			
6	Body	Body Form		Globe Style			
7		Body Size	Trim Size	6"	7"		
8		Trim Form		Equal Percentage			
9		Guiding	No. of Ports	Case Guided	1		
10		End Conn.	Rating	RF	ANSI 300		
11		Body Material		WCC Steel			
12		Lubricator	Iso Valve	N/A	N/A		
13		Cage Material		CB7Cu-1 SST			
14		Seal Ring		PTFE			
15		Seat Ring Gasket		RPTFE			
16		Valve Body-to Bonnet Bolting		WCC Steel			
17		Packing		PTFE V-ring			
18		Packing box ring		S31600 stainleel			
19		Packing Flange, studs or nuts		S31600 stainleel			
20		Spiral Wound Gasket		N06600			
21	Trim Material		S41600 SST				
22	Seat Material		S41600 SST				
23	Max Allow Sound Level		85 dBA				
24	Actuator	Actuator Type		Spring and Diaphragm			
25		Spring Action	Fail Position	Air to Close	Fail Open		
26		Supply		Natural Gas			
27		Supply Pressure		130 psig			
28	Positioner	Range of Operation		6-30 Psig			
29		Positioner Type		Electric-Pneumatic			
30		Input/ Output Signal		4 to 20 mA +Hart			
31		Action		Direct			
32	Accessories	Mounting		Integral			
33		Range of Operation		6-30 Psig			
34	Service	Filter	Supply Gage	Yes	Yes		
35		Handwheel		No			
36		Housing Vent		No			
37	Service	Flow Units		Barrels Per Day (BPD)			
38		Fluid		Liquid Hydrocarbon			
39		Norm Inlet Flow		55000 BPD			
40		Max Inlet Flow		75000 BPD			
41		Normal Pressure		50 psig			
42		Max Pressure		150 psig			
43		Temp Max	Operating	88°F	47°F		
44		Oper Sp.Gr.	Mol. Wt.	0.73	N/A		
45		Oper Visc	%Flash	-	N/A		
46		%Superheat	%Solids	N/A	N/A		
47	Vapor Press	Critical Press	N/A	N/A			
48	Predicted Sound Level		<85 dBA				
49	Manufacturer (only for reference)		Fisher or similar				
50	Model		657 DVC6200 or similar				

Notes:

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