

DATA SHEET FOR CONTROL VALVES						Job no. :	
Units			Units				
1	<b>GENERAL :</b>			60	<b>GENERAL :</b>		
2	Tag number	2301PDIC 651 -VC		61	Plant / Unit	Provoz_ / 2301 Atm.destilace+	
3	Service	2301-H32/2 MIXING VALVE CRL		62	Location / Equipment	FIELD / *	
4	Line size - line num - schedule	in 12	- 2301-LP189 -	63	Flammable atm. / Zone	Zone 2	
5	Piping Class			64	Gas group	IIB	
6	P.E.F.S. drg. number	L-2301-04B		65	Temp category	T3	
7	Critical to			66	Bypass valve		
8	<b>VALVE DATA :</b>			67	<b>ACTUATOR DATA :</b>		
9	Valve type	Double Ported Globe		68	Valve action on air failure	Open	
10	Size in/out in	Rating lbs	10" / 10" 300 / 300	69	Actuator type	Spring return diaphragm	
11	Process connection	RF, ASME B16.5		70	Actuator position		
12	Inlet pipe Size / Schedule	12" / Sch 40		71	Actuator supply pressure range		
13	Outlet pipe Size / Schedule	12" / Sch 40		72	Handwheel / orientation	YES / Side	
14	<b>BODY DATA :</b>			73	Max.shut off press. forw.		
15	Body / bonnet material	ASTMA216 WCB		74	Max.shut off press. rev.		
16	Packing construction			75	Manufacturer / Model number	Dembla /	
17	Packing material	PTFE Checrcons		76	<b>POSITIONER DATA :</b>		
18	Flow tending to			77	Positioner type	Electric	
19	Face to face dim.	mm	708	78	Input signal / HART	mA	4-20 / YES
20	Weight	kg		79	Manufacturer / Model number	Siemens / 6DR5211	
21	<b>TRIM DATA :</b>			80	Positioner action / characteristic	Direct / Lineair	
22	Trim type / Size	Contour / Full rate		81	Explosion prot. cert.	Ex i	
23	Trim material	316L + Gr. 6 Stellite		82	<b>LIMIT SWITCH DATA :</b>		
24	Seat material	316L + Gr. 6 Stellite		83	Tag number open position	separate specsheet may exist	
25	Stem material/diameter	/mm	SS 410 /	84	Tag number close position		
26	Plug / disc material	316L + Gr. 6 Stellite		85	Manufacturer / Model number	/	
27	Characteristic of Trim	Quick Open		86	Explosion prot. cert.		
28	Leakage class	ANSI IV (standard)		87	<b>SOLENOID VALVE</b>		
29	Limit stop	Yes, 5%		88	Tag number	separate specsheet may exist	
30	Cv required	Cv selected	1250	89	Manufacturer / Model number	/	
31	<b>PROCESS DATA :</b>			90	Explosion prot. cert.		
32	Medium / phase	Crude Oil / Liquid		91	<b>SPECIAL REQUIREMENTS :</b>		
33	Operating conditions	Min	Norm	Max	92	NACE requirements	NO
34	Flow	Am3/h	311,3	311,3	596,8	93	Competent Authority
35	Pressure (upstream)	kPag	1560	1560	1560	94	Environmental requirements
36	Pressure drop	kPa	40	120	120	95	Material certificate
37	Temperature	°C	115	115	115	96	Special req. for service
38	Density	kg/m3	828	828	828	97	Special req. for fugitive emission
39	Viscosity	cP	1,9	1,9	1,9	98	Lubricator
40	Vapour pressure	bara	1,26	1,26	1,26	99	Lock-up valve
41	Dyn pump pressure loss	bar				100	Travel time
42	Dyn syst pressure loss	bar				101	Fire resistant hook up
43	Calculated Cv					102	Test requirements
44	Calculated noise	dB(A)				103	Air filter regulator / Setting
45	Calculated flow condition					104	Inline instruments:
46						105	Inspection requirments to be checked by mechanical discipline
47						106	<b>NON-VENDOR RELATED INFO :</b>
48	Cav./flash. expected					107	Winterizing / Heating
49	Depositing/plugging					108	Tracing temperature
50	Corrosive due to					109	Grid position / Elevation
51	Toxic due to					110	Design code
52	Design pressure min / max		kPa-ç/ 1750	kPa-ç		111	SAP number
53	Design temperature min / max	°C	-28	/ 150		112	
54	<b>PURCHASE DATA:</b>			113	<b>REMARKS:</b>		
55	Manufacturer	DEMBLA		114	See notes		
56	Model number	Series 2000		115			
57	Serial number			116			
58	Supplier			117			
59	MESC			118			

Eng. by:	Req. no.	Checked by / Date	REV:
Principal:		/	
Consignee:	Doc. number		Date:
	2301PDIC 651 -VC-SP-C	1 / 2	