

INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N°
Specifica N°

1E35-80-1149

Customer - Cliente

SABIZ 25000 Kg/h

Sheet *Foglio* of **3**

Plant - *Impianto* Job - *Commessa*

1E35Z

Rev. : **0**

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CONTROL VALVES

Valvole di regolazione

Desmet Ballestra Supply

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REV	Issue Description	Author	Date
Rev.	Descrizione	Autore	Data

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INSTRUMENT SPECIFICATION CONTROL VALVES

CUSTOMER: PLANT: SABIZ 25000 Kg/h

JOB: 1E35 Z

DWG.1E3	5-80-4149	
SH.	2	
REV.	0	
Computer code	2C57-CV xls	

1	Tag		s document with prohibition of eve		TV - 63.					·····					
2	Service				1	ATËR T	o 63 V	1				***************************************			
3	Piping:	ldent. n	o DN M	aterial	4	179-203				1" 1/2	Carb	on ste	el		
4	Fluid	Idona II	State	Water	110 200		* **********		Liquid	Ср	1				
5		Inlet Specif. Weigi		Laurence 1117	g/dm3	1				ТОР _	MW.				
6		Operating Condition		Gas		CONTIN		MIN	MIN CONTINUOS		MAX TRANS. CO				
7	CALCULATION DATA	Flow		Kg/h	IVIAA	2000	1003	IVIII			6000				
	FA		I INIIIO/II	Adams and the contract of the contract of the				500							
8	CULAT	Inlet Pressure		Bar A		4,5		ļ	A 7						
9	20	Differential Pressu		Bar		1			0,7	40 0/	ļ		00 0/		
10	Ĭ.	ļ.,	Coefficient Cv (USA)		2,3		%	0,58		18 %	7		83 %		
11	١٥	Inlet Temp.		in Tr.Cond.		80	°C	Y				°C			
12		Delta P with Close					<u> </u>								
13		Valve on Supply F	allure			PENED			CLOS		Щ	LOCI	KED		
14	Flou Trie					O OPEN	N	Ц_	тос						
15		Туре				LOBE		<u> </u>		ERFLY	Ц		ntr. Disk		
16		Connections	Nom.Size Rat		1	**		<u></u>	ANSI	-150		RF			
17		Language and the control of the cont	/pe Mat. Com	p. Flanges					YES			NO			
18	ВОБУ	Bonnet				TD			FINN	ED		PLAI	N EXT		
19	8	Packing			T	EFLON									
20		Bellows Seal	Lubricat. Stea	m Racket	☐ Y	ES 🔳	NO		YES	NO		YES	NO NO		
21		Material	Body and Bonnet		C	ARB. S	TEEL		AISI 3	316					
22		Yoke Material			□ C	ARB. S	TEEL		CAST	IRON			****		
23		Cv Selected	Port		8	,84			SING	LE		DOU	BLE		
24		Rangeability	Calculated	Selected		·									
25		Flow Characterist			I E	Q.PER	CEN.		LINE	AR		QUIC	CK OP.		
26	≥ .	Plug Form				PORT		CON		DIS	_		NEEDLE		
27	TRIM	Plug Guides			_ 1	OP		П	BOTT		ŤĦ	SKIF			
28		Flow Capacity	Reduced F	Factor		ULL				JCED			T DIA		
29		Materials	and the second of the second o	Bellows		VISI 416			INLU	JOLD		1 01	LUIA		
30		Perfect Seal	Туре	Std	. 4	10		YES			~	SS IV	******		
1	ļ		101 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	J		NEUM.		ELEC	ידם	☐ HY		NOO IV	DIAPHR.		
31	1	Туре			1		믐		LESS			INSTERNAL TO A STATE OF THE PARTY OF THE PAR			
32	<u>~</u>	3.4 - 3 - 1				PISTON		40.000.000.000.000.000.000		שוט עו	ECT		REVERSE		
33	ACTUATOR	Model	O1 D	IDD M-				667-	34		- FL				
34	\	Effective Area	Spring Range	DP Max	cm2			psig			bar				
35	15	Supply	Lenght	T		sig 3	33		V; A;						
36	¥	Full Travel	Lenght	Time	mm					sec.	<u>p</u>				
37		Connections				/4" NPT	F	ᆜ			<u> </u>		,···· · · · · · · · · · · · · · · · · ·		
38		Hand Wheel				ГОР			SIDE						
39	l z	Туре	Tag: TY-63.2 (I/F)	E E	ELECTR	OPNEL			e		PNE	UMATIC		
40	-	Model		· processor and the territor of the contract o				3582							
41	l IS	Inlet Signal	p. 1. 1, 100 p.	Impedance	AND DESCRIPTION OF THE REAL PROPERTY.	3 - 15 ps	ig		4 - 20) mA					
42	Ď	Consumption	Max	Norm.Cond.		Vm3/h		VA							
43			Connections Inlet	Outlet	psig (1)									
44	73	Electric Limit Sw			TYPE			N°		RATING	V		Α		
45	ACC.	Reducing Filter v	vith Gauge Type		YES -	Mod.:		67∠F	R						
46	<	Connections	Electrical	Pneumatic	1/2" NI	PT-F	1/4"	NPT-F	=						
47	Ī	Housing Type	Tropicaliz	ation		P 55 Mir	n		EEx-	***************************************		NO			
48	CONST	Electric	Std Class	Div. Group											
49	8	Construction	Туре							hana , ar ar a , anna					
50	Üα														
								PUR	CHAS	ING DA	ΓΑ				
İ	NOTES	3			***************************************			finance and in the same service of the same se			77 7 879 7 <i>4</i> / 10 10 10 10 10 10 10 10 10 10 10 10 10				
1111	Instrume	nt air 4 bar min /7	Manufacturer : FISH					·IER							
1					Ì				667 - 34 / EZ						
					Model :			ā							
					Supplier			S 2 M	: EMERSON						
								:	_		0				
N.B	RACC	ORDERIA INOX			Suppli Order			: :	_	EK301	U				



INSTRUMENT SPECIFICATION CONTROL VALVES

CUSTOMER: SABIZ 25000 Kg/h 1E35Z PLANT: JOB:

DWG. 1E35-8	b-4149
SH. 3	
REV. O	
Computer code:	

		oprieta a termine di legi nership under the law o												zation					
1	Tag						TV - 6												
2	Service						НОТ	WATER	to 63	A 2									
3	Piping:	ldent	, no	DN	M	aterial	WH-6	3177-20	03				1" 1/2	Carb	on ste	əl			
4	Fluid			State		Viscosity	Wate					Li	iquid	Ср					
5	N O	Inlet Specif. We		Kg/dm3	3 1				J		MW.								
6		Operating Cond	MA	X CONT			MIN (CONT	INUOS	MAX	(TRAI	18. CC	OND.						
7		Flow		2000				500		6000									
8	CULAT	Inlet Pressure		1		Bar A		4,5											
9	2 A	Differential Pres				Bar			1		0,	7							
10	Į Į	Calculated Flov	v Coeffici	ent Cv (U	SA)		2,3		51 %	0,	58		18 %	7		83	%		
11	Q	Inlet Temp.	Calc		80	°C						°C							
12	Ì	Delta P with Clo	osed Valv																
13	Position	Valve on Suppl		OPENE	ED		С	LOSE	D		LOC	(ED							
14	Flou Trie	es				***************************************		TO OP	EN	L		O CL							
15		Туре		GLOBE	=] в	UTTÉ	RFLY		Ecce	ntr. Dis	sk						
16		Connections	N	lom.Size	Rat	ing Std		1"			Α	NSI -	150		RF				
17		Bolting	Туре	Mat.	Com	p. Flanges] Y	ES		13	NO	20. 20. 10. 10.			
18	ВОВУ	Bonnet						STD			JF	INNE	D		PLAI	N EXT			
19	8	Packing			*****		TEFLON												
20	-	Bellows Seal	Lub	ricat.	Stea	m Racket		YES I	NC] Y	ES I	NO		YES		NO		
21		Material	Boo	ly and Bo	nnet			CARB.	STEEL	. 'E	JA	ISI 31	6			d proportion with other sec			
22		Yoke Material		· ************************************	*			CARB.	STEEL		С	AST	IRON						
23		Cv Selected	Por	t				8,84			S	INGL	E		DOU	BLE			
24		Rangeability		Calculat	ed	Selected								,, , ,					
25		Flow Characte	ristic					EQ.PE	RCEN.		JL	INEA	R		QUIC	K OP			
26	∑	Plug Form						V POR	T	С	ONT.		□ DIS	С		NEE	DLE		
27	TRIM	Plug Guides			• • • • • • • • • • • • • • • • • • • •		· 	TOP		Ľ	Ј в	OTTO	OM.		SKIF	T			
28		Flow Capacity	·····	Re	duced F	actor	THE STATE OF THE S	FULL				EDU		T		T DIA	~		
29		Materials	Тур			Bellows		AISI 4	16										
30		Perfect Seal				Std		NO		Y	ES			CLA	ASS IV				
31		Туре				l		PNEUI	и. 🗆		LECT	R. [☐ HY		18	DIAP	HR.		
32	1	1.01						PISTO			PR.LI			RECT		REVE			
33	<u>۾</u>	Model									67-34					··· ······			
34	ACTUATOR	Effective Area	0100 4 100 4 100 100	Spring	Range	DP Max	cm2			p	sig			bar					
35	1 2	Supply					H	psig	33	Ľ		'; A; F	iz						
36	ادِ ا	Full Travel		Lenght		Time	mm						ec.						
37	"	Connections				L		1/4" N	PT F		<u> </u>	L							
38		Hand Wheel						TOP			J s	IDE							
39		Туре	Tac	g: TY-63	2 (1/1	>)			TROPNI	EUM				П	PNE	UMAT	iC		
40	1 4	Model									582 I								
41	Ē	Inlet Signal				Impedance		3 - 15	nsia	Company of the c	4	- 20	mΑ						
42	So	Consumption		Max		Norm.Cond.		Nm3/h			'A								
43	0_	Supply	Connect		Inlet			(1)											
44		Electric Limit					TYP			N	° .	F	RATING	V		A			
45		Reducing Filte		uge Type				- Mod.			7€FR								
46	¥	Connections		ectrical		Pneumatic		NPT-F		4" NF									
47		Housing Type			opicaliz			IP 55 I				Ex-			NO				
48	TS.	Electric				Div. Group													
49	Ž	Construction	Ту			1-111 -13-F													
50		Jonation	1191	E <u> </u>												**********			
H						व	IRCI	ΙΖΩΙ	NG DA	ΤΔ									
NOTES											01101	ואטו	NODA	<u> </u>					
1) Instrument air 4 bar min /7 bar max							N.4	ufactur				ieu-	:D						
							Manufacturer				: FISHER								
							Mod					- 34 / EZ							
							Sup	plier		:	: emerson								
N.B	RACC	ORDERIA INOX	(Orde	er n°		:		101	611						
THE IS COULDEN HON												V () 1	217						