



INSTRUMENTS SPECIFICATION SPECIFICA STRUMENTI

Specification N° : 1E35-80-1149

Specifica N°

Customer - Cliente

:

Sheet

:

1 of 3

Plant - Impianto

:

SABIZ 25000 Kg/h

Foglio

Job - Commessa

:

1E35Z

Rev.

:

0

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CONTROL VALVES

Valvole di regolazione

Desmet Ballestra Supply

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0	ISSUE FOR ORDER n. 101611 - EMERSON	RCL	27.09.10
REV	Issue Description	Author	Date
Rev.	Descrizione	Autore	Data

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BALLESTRA S.p.A.
MILANO (ITALIA)

INSTRUMENT SPECIFICATION CONTROL VALVES

CUSTOMER:

PLANT:

JOB:

SABIZ 25000 Kp/h
1E35Z

DWG. 1E35-80-1149

SH. 2

REV. 0

Computer code: 2C57-CV.xls

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1	Tag	TV - 63.2			
2	Service	HOT WATER to 63 V 1			
3	Piping :	Ident. no	DN	Material	WH-63179-203
4	Fluid	State	Viscosity	Water	1" 1/2 Carbon steel
5	CALCULATION DATA	Inlet Specif. Weight	Liquid	Gas	Water
6		Operating Conditions			MAX CONTINUOS MIN CONTINUOS MAX TRANS. COND.
7		Flow	<input type="checkbox"/> Nm3/h	<input checked="" type="checkbox"/> Kg/h	2000 500 6000
8		Inlet Pressure		Bar A	4,5
9		Differential Pressure		Bar	1 0,7
10		Calculated Flow Coefficient Cv (USA)			2,3 51 % 0,58 18 % 7 83 %
11	Inlet Temp.	Calculat.	Max in Tr.Cond.	80 °C	
12	Delta P with Closed Valve				
13	Position Valve on Supply Failure	<input type="checkbox"/> OPENED	<input checked="" type="checkbox"/> CLOSED	<input type="checkbox"/> LOCKED	
14	Flou Tries	<input checked="" type="checkbox"/> TO OPEN	<input type="checkbox"/> TO CLOSE		
15	BODY	Type			<input checked="" type="checkbox"/> GLOBE <input type="checkbox"/> BUTTERFLY <input type="checkbox"/> Eccentr. Disk
16		Connections	Nom.Size	Rating	Std
17		Bolting	Type	Mat.	Comp. Flanges
18		Bonnet			
19		Packing			
20		Bellows Seal	Lubricat.	Steam Racket	
21	Material	Body and Bonnet			
22	Yoke Material				
23	Cv Selected	Port			
24	Rangeability	Calculated	Selected		
25	TRIM	Flow Characteristic			
26		Plug Form			
27		Plug Guides			
28		Flow Capacity	Reduced Factor		
29		Materials	Type	Bellows	
30		Perfect Seal		Std	
31	ACTUATOR	Type			
32		Model			
33		Effective Area	Spring Range	DP Max	
34		Supply			
35		Full Travel	Lenght	Time	
36		Connections			
37	POSITION.	Hand Wheel			
38		Type	Tag: TY-63.2 (I/P)		
39		Model			
40		Inlet Signal	Impedance		
41		Consumption	Max	Norm.Cond.	
42		Supply	Connections	Inlet	Outlet
43	ACC.	Electric Limit Switches			
44		Reducing Filter with Gauge	Type		
45		Connections	Electrical	Pneumatic	
46		Housing Type	Tropicalization		
47		Electric	Std	Class	Div.
48		Construction	Type		
49	CONST R				
50					

NOTES

1) Instrument air 4 bar min / 7 bar max

N.B. -RACCORDERIA INOX

PURCHASING DATA

Manufacturer : FISHER
Model : 667 - 34 / EZ
Supplier : EMERSON
Order n° : 101611

INSTRUMENT SPECIFICATION CONTROL VALVES

DWG. **1E35-80-1149**

CUSTOMER:

PLANT:

SABIZ 25000 Kg/h

JOB:

1E35Z

SH.

3

REV.

0

Computer code:

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1	Tag	TV - 63.3				
2	Service	HOT WATER to 63 A 2				
3	Piping :	Ident. no	DN	Material	WH-63177-203	
4	Fluid	State	Viscosity	Water	1" 1/2 Carbon steel	
5	CALCULATION DATA	Inlet Specif. Weight	Liquid	Gas	■ Kg/dm3 1	
6		Operating Conditions			MAX CONTINUOUS MIN CONTINUOUS MAX TRANS. COND.	
7		Flow	□ Nm3/h	■ Kg/h	2000 500 6000	
8		Inlet Pressure	□ Bar A	■ Bar A	4,5	
9		Differential Pressure		Bar	1 0,7	
10		Calculated Flow Coefficient Cv (USA)			2,3 51 % 0,58 18 % 7 83 %	
11		Inlet Temp.	Calculated	Max in Tr.Cond.	80 °C	
12	Delta P with Closed Valve					
13	Position Valve on Supply Failure		<input type="checkbox"/> OPENED <input checked="" type="checkbox"/> CLOSED <input type="checkbox"/> LOCKED			
14	Flou Tries		<input checked="" type="checkbox"/> TO OPEN <input type="checkbox"/> TO CLOSE			
15	BODY	Type	<input checked="" type="checkbox"/> GLOBE <input type="checkbox"/> BUTTERFLY <input type="checkbox"/> Eccentr. Disk			
16		Connections	Nom. Size	Rating	Std	
17		Bolting	Type	Mat.	Comp. Flanges	
18		Bonnet	<input checked="" type="checkbox"/> STD <input type="checkbox"/> FINNED <input type="checkbox"/> PLAIN EXT			
19		Packing	<input checked="" type="checkbox"/> TEFLON <input type="checkbox"/>			
20		Belows Seal	Lubricat.	Steam Racket		
21		Material	<input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
22	Yoke Material	<input checked="" type="checkbox"/> CARB. STEEL <input type="checkbox"/> AISI 316 <input type="checkbox"/>				
23	Cv Selected	Port	<input checked="" type="checkbox"/> 8,84 <input type="checkbox"/> SINGLE <input type="checkbox"/> DOUBLE			
24	Rangeability	Calculated	Selected			
25	TRIM	Flow Characteristic	<input checked="" type="checkbox"/> EQ.PERCEN. <input type="checkbox"/> LINEAR <input type="checkbox"/> QUICK OP.			
26		Plug Form	<input type="checkbox"/> V PORT <input checked="" type="checkbox"/> CONT. <input type="checkbox"/> DISC <input type="checkbox"/> NEEDLE			
27		Plug Guides	<input checked="" type="checkbox"/> TOP <input type="checkbox"/> BOTTOM <input type="checkbox"/> SKIRT			
28		Flow Capacity	Reduced Factor	<input checked="" type="checkbox"/> FULL <input checked="" type="checkbox"/> REDUCED <input type="checkbox"/> PORT DIA		
29	Materials	Type	Belows	<input checked="" type="checkbox"/> AISI 416		
30	Perfect Seal	Std	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES <input type="checkbox"/> CLASS IV			
31	ACTUATOR	Type	<input checked="" type="checkbox"/> PNEUM. <input type="checkbox"/> ELECTR. <input type="checkbox"/> HYDR. <input checked="" type="checkbox"/> DIAPHR.			
32			<input type="checkbox"/> PISTON <input type="checkbox"/> SPR.LESS <input type="checkbox"/> DIRECT <input type="checkbox"/> REVERSE			
33		Model	<input checked="" type="checkbox"/> 667-34			
34		Effective Area	Spring Range	DP Max	cm2	
35	Supply			psig 33		
36	Full Travel	Lenght	Time	mm		
37	Connections	<input checked="" type="checkbox"/> 1/4" NPT F <input type="checkbox"/>				
38	Hand Wheel	<input type="checkbox"/> TOP <input type="checkbox"/> SIDE				
39	POSITION.	Type	<input checked="" type="checkbox"/> ELECTROPNEUMATIC <input type="checkbox"/> PNEUMATIC			
40		Model	<input checked="" type="checkbox"/> 3582 I			
41		Inlet Signal	Impedance	<input type="checkbox"/> 3 - 15 psig <input checked="" type="checkbox"/> 4 - 20 mA		
42	Consumption	Max	Norm. Cond.	<input type="checkbox"/> Nm3/h <input type="checkbox"/> VA		
43	Supply	Connections	Inlet	Outlet	psig (1)	
44	ACC.	Electric Limit Switches	TYPE			
45		Reducing Filter with Gauge Type	YES - Mod.: 67cFR			
46	Connections	Electrical	Pneumatic	<input checked="" type="checkbox"/> 1/2" NPT-F <input type="checkbox"/> 1/4" NPT-F		
47	CONST R	Housing Type	Tropicalization	<input checked="" type="checkbox"/> IP 55 Min <input type="checkbox"/> EEx- <input type="checkbox"/> NO		
48		Electric	Std	Class	Div.	
49		Construction	Type			

NOTES

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