

General

		DWG. NO.		G181S-2022056-K-03			
		SHEET NO		9			
1	Tag Number	P&ID No.	FV-8309	G181S-2022056-Y-02	REV		
2	Service	Line Number	DW-4"-EAA-8606/1				
3	/ Pipe Size&sch.	Pipe Mat'l	DN100	304			
4	Fluid	State					
5	Flow Rate	Max.Flow	Nor.Flow	Min.Flow			
6	kg/h (Liquid, Steam) nm3/h[Gas()]		31.56m3/h				
7	Inlet Press. MPa(G)		0.6				
8	Outlet Press. MPa(G)		0.55				
9	Design Press. MPa(G)	Des.Shut-Off DP.MPa(G)					
10	Operating Temperature()	Design Temperature()					
11	Oper. Density kg/m3	Std. Density kg/Nm3	1000				
12	Kin Visc(mm2/S)	Dyn Visc(mPa.s)					
13	Allowable dBA		≤85dB				
14	Specific Heat Ratio Cp/Cv	Comp. Factor					
15	Vapor Press.	Critical Press.					
16	%Solid Mass Cont	%Mass					
17	Valve Type		GLOBE				
18	Valve Model	Plug Form					
19	Leakage Class	Cv Rated C					
20	Cv Required Cv	Max.Flow	Nor.Flow	Min.Flow			
21	Valve Opening	Max.Flow	Nor.Flow	Min.Flow			
22	Predicted dBA	Max	Nor.Fl				
23	Size						
24	Pressure Rating	()	CL150				
25	End	Type & S	50,RF				
26	Net Type						
27	Body/Bonn		316LSS				
28	Trim Mat'l		316LSS				
29	Packing Mat'l						
30	Action						
31	Failure Op	e					
32	Max. Shut-Off	ress.(M	(mm)				
33	Air Supply(kPa)		wheel Ty	~700 kPa			
34	Name						
35	Action		nction				
36	Input Signal						
37	Explosion Proof	En		IP65			
38	Elec.Conn.	S					
38	Filter						

Service Condition

Control Valve

Actuator

Transducer/Positioner

Accessories

0%ord ©

General	1	Service Number		Pipe Size & ID	
	2	Line Number		Pipe Mat'l	
	3	Fluid		State	
	4	Flow Rate			
Service Condition	5	kg/h (Liquid, Steam) nm3/h[Gas()]			
	6	Inlet Press. MPa(G)			
	7	Outlet Press. MPa(G)			
	8	Design Press. MPa(G)		Des.Shut-Off DP.MPa(G)	

DWG	G181S-20	6-K-03
SHEET NO		REV
50%		
Max.Flow	Nor.Flow	Min.Flow

37m3/h

0.436

0.37

DWG. NO. G181S-2022056-K-03

SHEET NO 12

G181S-2022056-Y-02 REV

CAS-4"-EAD-8312/1-H80

316

General	1	Tag No.	15	XCV-4	CAS-4"-EAD-8312/1-H80
	2	Serial No.	16		
	3	Process	17	Design M	316
	4	Fluid	18	Material	
	5	Pressure	19	Temp	
	6	Weight	20	Flow	
	7	Outlet P	21	Design P	
	8	Design P	22	Design T	
	9	Design T	23	Std. Density	
	10	Kin Visc	24	Dyn Visc	
	11	Allowable	25		

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Line Number

/

Fluid

Flow Rate

kg/h (

Liquid, (m³/h)

Design Press. (MPa(G))

Oper. Press. (MPa(G))

Oper. Density (g/m³)

Std. Density (Nm³)

Des. Shutoff DP (MPa)

Kin Visc (mm²/s)

Model

Body Type

Body Mat'l

End Conn. Type & Size

End Conn. STD.

Packing Mat'l

Seat Mat'l

P&ID No.

MC

S-4" - EAD-8312 - H80 - T

316SS

DN100

32%

Max. Flow

Nor. Flow

Min. Flow

Design Temp.

Oper. Temp.

0.831

50

1050

Allowable dBA

1

Dyn

Body

Tr

Inlet

4" ANSI CL150, RF

MER STD

DWG. NO.

SHEET NO.

13

G181S-2022056-Y-02

1

