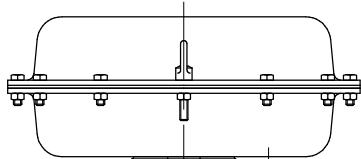


# Control Valve Data Sheet

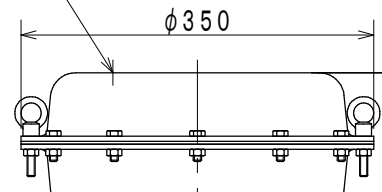
Item No. / Qty	1	9	Ref. No.	
Tag No.			Purchaser	
Service			End user	
			Project	
<b>&lt;Control valve&gt;</b>			<b>&lt;Remarks&gt;</b>	
Model	ACP		SV0703-105 Indicating unit : "kgf/cm2"	
Description	Pressure Balanced Cage Type Control Valves		SV0601-001 Air piping Connection: 1/4 NPT	
Body/Port size	4 in.	4 in.	SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap	
Conn. Size. / Rated CV			SV0201-003 Seat leakage: Less than 0.01%CV (Equivalent IEC, JIS Class IV)	
Rating / Conn. Type	ANSI600	RJ	SV0506 On-Off action	
Body material	SCPH2		Cold Weather Spec	
Trim material	A351CF8M/SUS316 STELLITE		Min Ambient Temperature Valve Body:(-)45degC Accessories:(-)40degC	
Flow characteristic	LINEAR			
Bonnet	EXT-1 (230 to 400 degC)			
Actuator / Handle	HA3D	---		
Action	AIR TO CLOSE			
Gland packing / Grease	P6610CH+P6528	650		
Gasket	V543			
Air supply / Spring range	4.0kgf/cm2	0.8-2.4kgf/cm2		
Seat leakage	CLASS IV			
Color: Body/Diaph./Yoke	M10B5/10	M10B5/10	M10B5/10	
Paint	Heat Resistant			
<b>&lt;Accessories&gt;</b>				
Positioner				
Structure				
Input signal				
Regulator	ARU3AS-03-8N-LT-5-G-BR-G450	1		
Regulator2				
Limit switch	VCX7001-JL(WITH ADAPTER)	1		
Action	Full Open and Close on			
Solenoid valve	NFX8327B011	1		
Action / Power	En: Close, De: Open	AC110V 50Hz		
Booster				
Air lock valve				
<b>&lt;Process data&gt;</b>				
Fluid name/Phase	associated petroleum gas		GAS	
	MAX	NOR	MIN	Unit
Flow rate	75000			m3/h(N)
Inlet pressure	76			kgf/cm2G
Outlet pressure	40			kgf/cm2G
Differential press.				kgf/cm2
Shut-off press.	76			kgf/cm2
Temperature	350			degC
Density/Gravity(Liq)				kg/m3
Density/Gravity(G,V)	0.903			kg/m3(N)
Viscosity				cP
Flash				%
Calculated CV	98.09			
Travel	53			%
Outlet velocity	0.2545			Mach
Predictive SPL	105			dBA
<b>&lt;Piping spec.&gt;</b>				
Strength Calc. Sheet				
Design			kgf/cm2G	
Temp.			degC	
Size	4 in.	4 in.		
Sch No.	40	40		
Thickness	6	6		
<b>Azbil Corporation</b>				

\* The drawing shall be handled as reference.  
 \* この図面は参考情報として取扱いをお願いします。

1

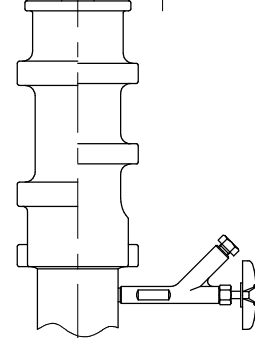


AIR FAIL OPEN CONN.  
 1/4NPT.(F)  
 正作動接続口

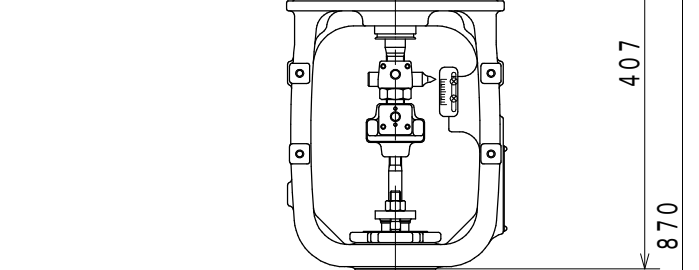


※24.5min.  
 ※Min.space to remove actuator  
 ※操作部取外しに必要な最小寸法

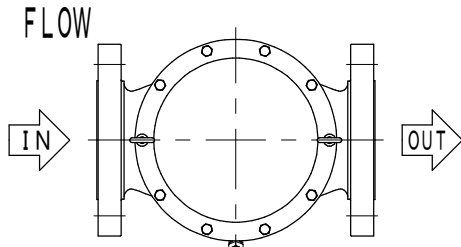
2



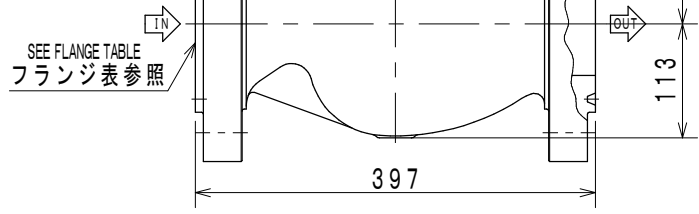
260max.  
 LUBRICATOR or PLUG  
 ルブリケータ又はプラグ



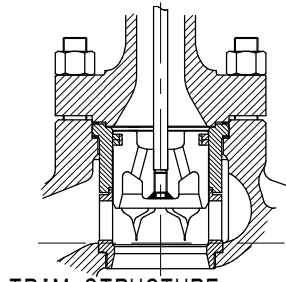
3



ORIENTATION  
 配管取付姿勢 No.1



4



TRIM STRUCTURE (EXAMPLE)  
 トリム構成図 (参考)

PROD. No. :  
 工事番号 :

TAG No. :

UNIT : mm

5

NOMINAL SIZE(INCH) 口径 (B)	RATING 圧力定格 (フランジ規格年度)	END CONNECTION 接続形式	BONNET TYPE 上蓋形式	ACTUATOR 操作器	VALVE ACTION 弁作動	TRAVEL トラベル	WEIGHT 概算質量(kg)
4	ANSI600 (1981)	RJ	HIGH TEMP. TYPE 高温形	HA3D	AIR TO CLOSE	38	140

Press. Balanced Cage Type Control Valve  
 プレッシュバランス形ケージ調節弁

MODEL No.  
 ACP

**Azbil Corporation**

DRAWING No.  
 ACP-EA6J2E-VFD00B0

REV.  
 0

A B C D E