

Item No. / Qty	1	1	Ref. No.	YEU-1094
Tag No.	14-PV-002		Purchaser	YEU
Service			End user	NNPC
			Project	
<b>&lt;Control valve&gt;</b>			<b>&lt;Remarks&gt;</b>	
Model	VDP		SV0703-105 Indicating unit : "kgf/cm2"	
Description	Top and Bottom-Guided Double Seated Control Valve		SV0601-001 Air piping Connection: 1/4 NPT	
Body/Port size (in.)	1-1/2	1-1/2	SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap	
Conn. Size. / Rated CV		30	SV0101-004 Flange facing finish : Serration ANSI B16.5 (Spiral)	
Rating / Conn. Type	ANSI300	RF	SV0201-007 Seat leakage: Less than 0.5%CV (Equivalent IEC, JIS Class II)	
Body material	SCPH2		Serial No.: 416-8303-1300	
Trim material	SUS316		TAG. No.: 14-PV-002	
Flow characteristic	EQ%(V)		VDP 1-1/2"x 1-1/2", ANSI 300#RF	
Bonnet	PLAIN (0 to 200 degC)			
Actuator / Handle	HA2D	---		
Action	AIR TO OPEN(UP SEATING)			
Gland packing / Grease	NP4519	650		
Gasket	V543			
Air supply / Spring range	1.4kgf/cm2	0.4-1.2kgf/cm2		
Seat leakage	CLASS II			
Color: Body/Diaph./Yoke	SILVER	2.5Y8/12	2.5Y8/12	
Paint	Standard			
<b>&lt;Accessories&gt;</b>				
Positioner	HTP-1D			
Structure				
Input signal	0.2-1.0 kgf/cm2			
Regulator	KZ03-2B-XX		1	
Regulator2				
Limit switch				
Action				
Solenoid valve				
Action / Power				
Unit name				
Booster				
Air lock valve				
<b>&lt;Process data&gt;</b>				
Fluid name/Phase	LPG			GAS
	MAX	NOR	MIN	Unit
Flow rate				m3/h(N)
Inlet pressure				kgf/cm2A
Outlet pressure				kgf/cm2A
Differential press.				kgf/cm2
Shut-off press.		46.0		kgf/cm2
Temperature				degC
Density/Gravity(Liq)				kg/m3
Density/Gravity(G,V)				Air=1
Viscosity				cP
Flash				%
Calculated CV				
Travel				%
Outlet velocity				Mach
Predictive SPL				dBA
				<b>HPG</b> Strength Calc. She ~*
				<b>&lt;Piping spec.&gt;</b>
				Design
				Temp.
				Size
				Sch No.
				Thickness
				kgf/cm2G
				degC

**Yamatake Corporation**