

No.: 1 QTY: 1 Tag no. 11-LV-007 Service LPG		Product no.: -	
< Specification > Model VDP Description Top and Bottom-Guided Double Seated Control Valve Valve size 2 inch Port size 2 inch Rated Cv 50 Connection size inch Body rating ANSI300 End connection RF Body material SCPH2 Trim material SUS316 Flow characteristic %V Bonnet type PLAIN Actuator HA2 Manual operator --- Valve action REVERSE(Push down to open) Gland packing NP4519 Gasket V543 Grease 650 Air supply 4.0kgf/cm2 Spring range 0.8-2.4kgf/cm2		<Option> SV0703-105 Indicating unit : "kgf/cm2" SV0601-001 Air piping Connection: 1/4 NPT SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap	
< Accesories > Positioner / Signal HTP-1D Exprosn-proof Signal 0.2-1.0 kgf/cm2 Regurator KZ03-2B-1B Regulator 2 Limit Switch Action Solenoid valve Action Power supply Others		<Finish> Body: Silver Diaph. Case: M2.5Y8/12 Yoke: M2.5Y8/12 Paint: Standard	
<Operating condition> Fluid name LPG [LIQUID] Flow rate MAX NOR MIN UNIT m3/h Inlet pressure 24.87 kgf/cm2A Outlet pressure kgf/cm2A Diff. pressure 0.8 kgf/cm2 Shut-off press. 28.5 kgf/cm2 Temperature 40 degC Sp.Gr. (liq.) 0.5 water=1 Sp.Gr.(gas,vapor) air=1 Viscosity 0.11 cP Flash % Velocity 3.05 m/s S.P.L. 53 dBA Calculated Cv 20.58 Travel %		<Seat Leakage> <Note> Tokumi: V93-2387-00 - 01 Original Prod. No. : 416-8300-2300	
		<Line spec> Design press. kgf/cm2G Design temp. degC Line size in/out 2 / 2 inch Line Sch. / Thick 40 / 3.9 mm	

No.: 2 QTY: 1 Tag no. 14-LV-007 Service Butane		Product no.: -																																																																	
< Specification > Model VDP Description Top and Bottom-Guided Double Seated Control Valve Valve size 2 inch Port size 1-1/2 inch Rated Cv 30 Connection size inch Body rating ANSI300 End connection RF Body material SCPH2 Trim material SUS316 STELLITE SHEATH Flow characteristic %C Bonnet type PLAIN Actuator HA2 Manual operator --- Valve action REVERSE(Push down to open) Gland packing NP4519 Gasket V543 Grease 650 Air supply 4.0kgf/cm2 Spring range 0.8-2.4kgf/cm2		<Option> SV0703-105 Indicating unit : "kgf/cm2" SV0601-001 Air piping Connection: 1/4 NPT SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap																																																																	
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No.: 3		QTY: 1		Product no.: -	
Tag no. 11-FV-011				<Option>	
Service H2+H2S+HC				SV0703-105 Indicating unit : "kgf/cm2"	
< Specification >				SV0601-001 Air piping Connection: 1/4 NPT	
Model	VDP			SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap	
Description	Top and Bottom-Guided Double Seated Control Valve				
Valve size	4	inch			
Port size	4	inch			
Rated Cv	195				
Connection size		inch			
Body rating	ANSI300				
End connection	RF				
Body material	SCPH2				
Trim material	SUS316				
Flow characteristic	%V				
Bonnet type	PLAIN				
Actuator	HA3				
Manual operator	TOP				
Valve action	REVERSE(Push down to open)				
Gland packing	NP4519				
Gasket	V543				
Grease	650				
Air supply	4.0kgf/cm2				
Spring range	0.8-2.4kgf/cm2				
< Accesories >				<Finish>	
Positioner / Signal	HTP-1D		Body: Silver		
Expro-sion-proof			Diaph. Case: M2.5Y8/12		
Signal	0.2-1.0 kgf/cm2		Yoke: M2.5Y8/12		
Regurator	KZ03-2B-1B		Paint: Standard		
Regulator 2					
Limit Switch					
Action					
Solenoid valve					
Action					
Power supply					
Others					
<Operating condition>				<Seat Leakage>	
Fluid name	H2+H2S+HC	[LIQUID		
	MAX	NOR	MIN	UNIT	
Flow rate	195.7			m3/h	
Inlet pressure	21.86			kgf/cm2A	
Outlet pressure				kgf/cm2A	
Diff. pressure	2.4			kgf/cm2	
Shut-off press.		25.0		kgf/cm2	
Temperature	40			degC	
Sp.Gr. (liq.)	0.673			water=1	
Sp.Gr. (gas, vapor)				air=1	
Viscosity	0.32			cP	
Flash				%	
Velocity	6.7			m/s	
S.P.L.	68			dBA	
Calculated Cv	121				
Travel				%	
				<Note>	
				Tokumi: V93-2387-00 - 03	
				Original Prod. No. : 416-8300-0300	
				<Line spec>	
				Design press. kgf/cm2G	
				Design temp. degC	
				Line size in/out 4 // 4 inch	
				Line Sch. / Thick 40 // 6 mm	