



Item No. / Qty	2	1	Ref. No.			
Tag No.	16-FV-051		Purchaser			
Service			End user			
			Project			
			Unit name			
<Control valve>	Model	HTS		<Remarks> SV0201-003 Seat leakage: Less than 0.01%CV (Equivalent IEC, JIS Class IV) SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap SV0003-001 Valve size indication: ' ' ' SV0601-001 Air piping Connection: 1/4 NPT SV0703-105 Indicating unit : "kgf/cm2" SV0705-001 Without by-pass cock for HTP positioner SV0101-004 Flange facing finish : Serration ANSI B16.5 (Spiral) Be noted that: 1)OLD production No. :416-8352-0410 2)Model HTS (Single seated) has been offered instead of model VST (single seated valve) of existing valve, which was phased out in production so many years ago. * Air regulator wit6kgf/cm2 gauge		
	Description	Top-Guided Single Seated Control Valves				
	Body/Port size (in.)	4	4			
	Conn. Size. / Rated CV		175			
	Rating / Conn. Type	ANSI300	RF			
	Body material	SCPH2				
	Trim material	SUS316				
	Flow characteristic	EQ%				
	Bonnet	PLAIN (-17 to 230 degC)				
	Actuator / Handle	HA4D	SIDE			
	Action	AIR TO CLOSE				
	Gland packing / Grease	NP4519	---			
	Gasket	V543				
	Air supply / Spring range	4.0kgf/cm2	0.8-2.4kgf/cm2			
	Seat leakage	CLASS IV				
Color: Body/Diaph./Yoke	SILVER	7.5R3/12	7.5R3/12			
Paint	Standard					
<Accessories>	Positioner	HTP-1D				
	Structure					
	Input signal	0.2-1.0 kgf/cm2				
	Regulator	KZ03-2B-1N*	1			
	Regulator2					
	Limit switch					
	Action					
	Solenoid valve					
	Action / Power					
	Booster					
	Air lock valve					
	Action					
Action						
Action						
V93-5739 02 6						
<Process data>	Fluid name/Phase	HC VAPOR	GAS(FCI)	<Piping spec.> Strength Calc. Sheet Design Press. kgf/cm2G Temp. degC Pipe Up stream Down stream Size 4 4 inch Sch No. 40 40 Thickness 6 6 mm <b>Yamatake Corporation</b>		
		MAX	NOR		MIN	Unit
	Flow rate	16,457				m3/h(N)
	Inlet pressure	14.03				kgf/cm2A
	Outlet pressure					kgf/cm2A
	Differential press.	7.55				kgf/cm2
	Shut-off press.		17.6			kgf/cm2
	Temperature	99				degC
	Density/Gravity(Liq)					kg/m3
	Density/Gravity(G,V)	1.80				kg/m3(N)
	Viscosity	0.02				cP
	Flash					%
	Calculated CV	113.4				
	Travel	85				%
	Outlet velocity	0.3858				Mach
Predictive SPL	100			dBa		



