Specification Sheet

No.: 2 QTY: 1
Tag no. 25-TV-016
Service

< Specification >

Model	VDP	
Description	Top and Bottom-Guided Double Seated Control Valve	
Valve size	3	inch
Port size	3	inch
Rated Cv	110	
Connection size		inch
Body rating	ANSI300	
End connection	RF	
Body material	SCPH2	
Trim material	SUS316	
Flow characteristic	%V	
Bonnet type	FIN	
Actuator	HA3D	
Manual operator	---	
Valve action	REVERSE(Push down to open)	
Gland packing	V7132Y	
Gasket	V543	
Grease	650	
Air supply	4.0kgf/cm2	
Spring range	0.8-2.4kgf/cm2	

< Accesories >

Positioner / Signal	HTP
Exprosion-proof	
Signal	0.2-1.0 kgf/cm2
Regurator	KZ03-2B-XX
Regulator 2	
Limit Switch	
Action	
Solenoid valve	
Action	
Power supply	
Others	

Product no.:

<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

<Finish>

Body:	Silver
Diaph. Case:	Yellow
Yoke:	Yellow
Paint:	Standard

<Operating condition>

Fluid name Hot Oil [LIQUID]

	MAX	NOR	MIN	UNIT
Flow rate	79.3			m3/h
Inlet pressure	6.15			kgf/cm2A
Outlet pressure				kgf/cm2A
Diff. pressure	2.8			kgf/cm2
Shut-off press.		17		kgf/cm2
Temperature	235			degC
Sp.Gr. (liq.)	0.75			water=1
Sp.Gr.(gas,vapor)				MW
Viscosity	0.825			cP
Flash				%
Velocity	4.83			m/s
S.P.L.	73			dBA
Calculated Cv	47.91			
Travel				%

<Seat Leakage>

<Note> Tokumi: V93-8814-00 - 1
Existing Valve Prod No. 416-8314-3500

<Line spec>

Design press.		kgf/cm2G
Design temp.		degC
Line size in/out	/	inch
Line Sch. / Thick	/	mm

YAMATAKE