Specification Sheet

No.: 1 QTY: 1
Tag no. 72-LV-006
Service

< Specification >

Model	VBH	
Description	Heavy Duty Butterfly Valve	
Valve size	200	inch
Port size		inch
Rated Cv	1040	
Connection size		inch
Body rating	ANSI150	
End connection	WAFER	
Body material	BODY: SCPH2/ VANE: SCPH2	
Trim material	SCPH2/SUS304/SUS304(Kanizen Plat	
Flow characteristic	EQ% APPROX.	
Bonnet type	PLAIN	
Actuator	GOM84LM	
Manual operator	TOP	
Valve action	DIRECT(Air fail open)	
Gland packing	V7132Y	
Gasket		
Grease	PS6	
Air supply	2.0kgf/cm2	
Spring range		

< Accesories >

Positioner / Signal	GOP
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"

SV0801-E05 Material certificate in english. Scope: valve body and vane

SV0601-001 Air piping Connection: 1/4 NPT

SV0101-004 Flange facing finish : Serration ANSI B16.5 (Spiral)

SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap

<Finish>

Body:	Silver
Diaph. Case:	5R4/13
Yoke:	XXX
Paint:	Standard

<Operating condition>

Fluid name FURNACE HOT WATER [WATER]

	MAX	NOR	MIN	UNIT
Flow rate	342.2			m3/h
Inlet pressure	2.5			kgf/cm2G
Outlet pressure				kgf/cm2G
Diff. pressure	0.5			kgf/cm2
Shut-off press.		5.2		kgf/cm2
Temperature	30			degC
Sp.Gr. (liq.)	0.9959			water=1
Sp.Gr.(gas,vapor)				MW
Viscosity				cP
Flash				%

Calculated Cv 563.7

<Seat Leakage>

CLASS I

<Note> Tokumi: V93-9109-00 - 1

Existing Valve Production No. 416-8247-1110

<Line spec>

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

YAMATAKE