Specification Sheet

No.: 1 QTY: 1
Tag no. 62-FV-001
Service Water from No.1 Equalozation Tank

< Specification >

Model	ADVB	
Description	Top and Bottom Guided Double-Seat Control Valves	
Valve size	6	inch
Port size	6	inch
Rated Cv	450	
Connection size		inch
Body rating	ANSI150	
End connection	RF	
Body material	SCPH2	
Trim material	SUS316	
Flow characteristic	EQ%	
Bonnet type	PLAIN	
Actuator	PSA3	
Manual operator	SIDE	
Valve action	DIRECT(Air fail open)	
Gland packing	NP4519	
Gasket	V543(PTFE)+V563(PTFE)+V6590	
Grease		
Air supply	4.0kgf/cm2	
Spring range	0.8-2.4kgf/cm2	

< Accesories >

Positioner / Signal	HTP-1D
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

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:	Yellow
Yoke:	Silver
Paint:	Standard

<Operating condition>

Fluid name Water [WATER]

	MAX	NOR	MIN	UNIT
Flow rate	110			m3/h
Inlet pressure	2.14			kgf/cm2G
Outlet pressure				kgf/cm2G
Diff. pressure	0.3			kgf/cm2
Shut-off press.				kgf/cm2
Temperature	20	20		degC
Sp.Gr. (liq.)	0.9984			water=1
Sp.Gr.(gas,vapor)		0.999		MW
Viscosity				cP
Flash				%
Velocity	1.67			m/s
S.P.L.	62			dBA
Calculated Cv	234.2			
Travel	83			%

<Seat Leakage>

CLASS III (SV0201-002)

<Note> Tokumi: V93-0115 - 00

Old production No. :416-8345-0100

Replacement from VDP to ADVB(Standard Produc

<Line spec>

Design press.			kgf/cm2G
Design temp.			degC
Line size in/out	8	/	inch
Line Sch. / Thick		/	mm

YAMATAKE