Specification Sheet

No.: 1 QTY: 1
Tag no.
Service

< Specification >

Model	VBH	
Description	Heavy Duty Butterfly Valve	
Valve size	12	inch
Port size	60 deg	inch
Rated Cv	2480	
Connection size		inch
Body rating	ANSI150	
End connection	WAFER	
Body material	BODY: SCPH2/ VANE: SCPH2	
Trim material	STEM: SUS304	
Flow characteristic	EQ% APPROX.	
Bonnet type	PLAIN	
Actuator	GOM84LM	
Manual operator	TOP	
Valve action	DIRECT(Air fail open)	
Gland packing	V7132Y	
Gasket	---	
Grease	400	
Air supply	2.0kgf/cm2	
Spring range	0.2-1.0kgf/cm2	

< Accesories >

Positioner / Signal	GOP-1
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

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

<Finish>

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

<Operating condition>

Fluid name: Raw Water [WATER]

	MAX	NOR	MIN	UNIT
Flow rate	850			m3/h
Inlet pressure	3.5			kgf/cm2G
Outlet pressure				kgf/cm2G
Diff. pressure	4.5		0.5	kgf/cm2
Shut-off press.				kgf/cm2
Temperature		30		degC
Sp.Gr. (liq.)	1			water=1
Sp.Gr.(gas,vapor)				MW
Viscosity				cP
Flash	Cavitation			%
Velocity	3.23			m/s
S.P.L.	97			dBA
Calculated Cv	491.6			
Travel	53			%

<Seat Leakage>

<Note> Tokumi: V93-9183-00 - 1

<YEU-04-338>

Old production No. : 416-8247-1010 (Year1978)

Customer : Nigeria National Petroleum Corporatio

<Line spec>

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

YAMATAKE