

Specification Sheet

< T--79 >

No.: 1 QTY: 1 Tag no. 72-LV-005 Service Level control		Product no.:																																																																	
< Specification > Model VBH Description Heavy Duty Butterfly Valve Valve size 12 inch Port size 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 PS6 Air supply 2.0kgf/cm2 Spring range		<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 SV0801-E01 Material certificate in english. Scope: valve body and bonnet SV0101-004 Flange facing finish : Serration ANSI B16.5 (Spiral)																																																																	
< Accesories > Positioner / Signal G OP Explosion-proof Signal 0.2-1.0 kgf/cm2 Regurator KZ03-2B-XX Regulator 2 Limit Switch Action Solenoid valve Action Power supply Others		<Finish> Body: Silver Diaph. Case: 5R4/3 Yoke: 5R4/3 Paint: Standard																																																																	
<Operating condition> <table border="1"> <thead> <tr> <th>Fluid name</th> <th>Clean Water</th> <th>[WATER]</th> <th>UNIT</th> </tr> <tr> <th></th> <th>MAX</th> <th>NOR</th> <th>MIN</th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td>850</td> <td></td> <td>m3/h</td> </tr> <tr> <td>Inlet pressure</td> <td></td> <td>3.5</td> <td>kgf/cm2G</td> </tr> <tr> <td>Outlet pressure</td> <td></td> <td></td> <td>kgf/cm2G</td> </tr> <tr> <td>Diff. pressure</td> <td></td> <td>0.5</td> <td>kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td>4.5</td> <td>kgf/cm2</td> </tr> <tr> <td>Temperature</td> <td></td> <td>30</td> <td>degC</td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td></td> <td>0.9959</td> <td>water=1</td> </tr> <tr> <td>Sp.Gr. (gas,vapor)</td> <td></td> <td></td> <td>MW</td> </tr> <tr> <td>Viscosity</td> <td></td> <td></td> <td>cP</td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td>%</td> </tr> <tr> <td>Velocity</td> <td></td> <td></td> <td></td> </tr> <tr> <td>S.P.L.</td> <td></td> <td></td> <td>dBA</td> </tr> <tr> <td>Calculated Cv</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td></td> <td>%</td> </tr> </tbody> </table>		Fluid name	Clean Water	[WATER]	UNIT		MAX	NOR	MIN	Flow rate	850		m3/h	Inlet pressure		3.5	kgf/cm2G	Outlet pressure			kgf/cm2G	Diff. pressure		0.5	kgf/cm2	Shut-off press.		4.5	kgf/cm2	Temperature		30	degC	Sp.Gr. (liq.)		0.9959	water=1	Sp.Gr. (gas,vapor)			MW	Viscosity			cP	Flash			%	Velocity				S.P.L.			dBA	Calculated Cv				Travel			%	<Seat Leakage> <Note> Tokumi: V93-8922-00 - YEU Inquiry No. : T--79=KPRC/PROC/2004/0268 Existing CV product No. : 416-8247-1010	
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