

Specification Sheet

<T--85>

<p>No.: 2 QTY: 1</p> <p>Tag no. 74-LV-001</p> <p>Service Level control</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDP</p> <p>Description Top and Bottom-Guided Double Seated Control Valve</p> <p>Valve size 8 inch</p> <p>Port size 8 inch</p> <p>Rated Cv 750</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material SCPH2</p> <p>Trim material SUS316</p> <p>Flow characteristic EQ%(V)</p> <p>Bonnet type PLAIN</p> <p>Actuator HA4D</p> <p>Manual operator SIDE</p> <p>Valve action DIRECT(Push down to close)</p> <p>Gland packing V7132Y</p> <p>Gasket V543</p> <p>Grease PS6</p> <p>Air supply 4.0kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal HTP</p> <p>Explosion-proof</p> <p>Signal 0.2-1.0 kgf/cm2</p> <p>Regurator KZ03-2B-XX</p> <p>Regulator 2</p> <p>Limit Switch</p> <p>Action</p> <p>Solenoid valve</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap</p> <p>SV0801-E01 Material certificate in english. Scope: valve body and bonnet</p> <p>SV0101-004 Flange facing finish : Serration ANSI B16.5 (Spiral)</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: Silver</p> <p>Diaph. Case: 7.5R3/12</p> <p>Yoke: 7.5R3/12</p> <p>Paint: Standard</p>																																																																								
<p><b>&lt;Operating condition&gt;</b></p> <table border="1"> <thead> <tr> <th>Fluid name</th> <th>Water</th> <th></th> <th>[ WATER ]</th> </tr> <tr> <th></th> <th>MAX</th> <th>NOR</th> <th>MIN UNIT</th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td>500</td> <td></td> <td>m3/h</td> </tr> <tr> <td>Inlet pressure</td> <td></td> <td>1.9</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>1.0</td> <td>kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td>2.0</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>0.9958</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>0.79</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>dB</td> </tr> <tr> <td>Calculated Cv</td> <td>582</td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td></td> <td>%</td> </tr> </tbody> </table>	Fluid name	Water		[ WATER ]		MAX	NOR	MIN UNIT	Flow rate	500		m3/h	Inlet pressure		1.9	kgf/cm2G	Outlet pressure			kgf/cm2G	Diff. pressure		1.0	kgf/cm2	Shut-off press.		2.0	kgf/cm2	Temperature		30	degC	Sp.Gr. (liq.)		0.9958	water=1	Sp.Gr. (gas,vapor)			MW	Viscosity		0.79	cP	Flash			%	Velocity				S.P.L.			dB	Calculated Cv	582			Travel			%	<p><b>&lt;Seat Leakage&gt;</b></p> <p><b>&lt;Note&gt;</b> Tokumi: V93-8922-00 -          YEU Inquiry No. : T--85 =KPRC/PROC/2004/0261          Existing CV Product No. : 416-8325-0100</p> <p><b>&lt;Line spec&gt;</b></p> <table border="1"> <tr> <td>Design press.</td> <td>kgf/cm2G</td> </tr> <tr> <td>Design temp.</td> <td>degC</td> </tr> <tr> <td>Line size in/out</td> <td>/ / inch</td> </tr> <tr> <td>Line Sch. / Thick</td> <td>/ / mm</td> </tr> </table>	Design press.	kgf/cm2G	Design temp.	degC	Line size in/out	/ / inch	Line Sch. / Thick	/ / mm
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