

Specification Sheet

<p>No.: 1 QTY: 1</p> <p>Tag no. TV031</p> <p>Service No.1 LN2 VAPORIZER</p> <p>< Specification ></p> <p>Model HTS</p> <p>Description Top-Guided Single Seated Control Valves</p> <p>Valve size 1-1/2 inch</p> <p>Port size 1-1/4 inch</p> <p>Rated Cv 17</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material SCS13A</p> <p>Trim material SUS316 STELLITE</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator HA2</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V7132Y+SM636</p> <p>Gasket V543</p> <p>Grease PS6</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p>< Accesories ></p> <p>Positioner / Signal HTP-1D</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><Option></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-000 Air piping Connection: Rc1/4</p> <p>SV0001-001 Parts material 304ss: Bolts & nuts of valve body</p> <p><Finish></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																			
<p><Operating condition></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fluid name</th> <th style="text-align: center;">MAX</th> <th style="text-align: center;">NOR</th> <th style="text-align: center;">MIN</th> <th style="text-align: left;">[STEAM] UNIT</th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td style="text-align: center;">300</td> <td style="text-align: center;">300</td> <td></td> <td>kg/h</td> </tr> <tr> <td>Inlet pressure</td> <td></td> <td style="text-align: center;">3</td> <td></td> <td>kgf/cm2G</td> </tr> <tr> <td>Outlet pressure</td> <td></td> <td style="text-align: center;">0.2</td> <td></td> <td>kgf/cm2G</td> </tr> <tr> <td>Diff. pressure</td> <td style="text-align: center;">4.8</td> <td></td> <td style="text-align: center;">2.8</td> <td>kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td></td> <td></td> <td>kgf/cm2</td> </tr> <tr> <td>Temperature</td> <td></td> <td style="text-align: center;">145</td> <td></td> <td>degC</td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td></td> <td></td> <td></td> <td>water=1</td> </tr> <tr> <td>Sp.Gr. (gas,vapor)</td> <td></td> <td></td> <td></td> <td>MW</td> </tr> <tr> <td>Viscosity</td> <td></td> <td></td> <td></td> <td>cP</td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td></td> <td>%</td> </tr> <tr> <td>Velocity</td> <td></td> <td style="text-align: center;">0.24</td> <td></td> <td>Mach</td> </tr> <tr> <td>S.P.L.</td> <td></td> <td></td> <td></td> <td>dB</td> </tr> <tr> <td>Calculated Cv</td> <td></td> <td style="text-align: center;">6.309</td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td style="text-align: center;">68</td> <td></td> <td>%</td> </tr> </tbody> </table>	Fluid name	MAX	NOR	MIN	[STEAM] UNIT	Flow rate	300	300		kg/h	Inlet pressure		3		kgf/cm2G	Outlet pressure		0.2		kgf/cm2G	Diff. pressure	4.8		2.8	kgf/cm2	Shut-off press.				kgf/cm2	Temperature		145		degC	Sp.Gr. (liq.)				water=1	Sp.Gr. (gas,vapor)				MW	Viscosity				cP	Flash				%	Velocity		0.24		Mach	S.P.L.				dB	Calculated Cv		6.309			Travel		68		%	<p><Seat Leakage></p> <p><Note> Tokumi: V93-9270-00 - SV9014-20J , Special for Nippon Sanso Special Inspection .</p> <p><Line spec></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Design press.</td> <td style="text-align: right;">kgf/cm2G</td> </tr> <tr> <td>Design temp.</td> <td style="text-align: right;">degC</td> </tr> <tr> <td>Line size in/out</td> <td style="text-align: right;">/ / inch</td> </tr> <tr> <td>Line Sch. / Thick</td> <td style="text-align: right;">/ / mm</td> </tr> </table>	Design press.	kgf/cm2G	Design temp.	degC	Line size in/out	/ / inch	Line Sch. / Thick	/ / mm
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<p>No.: 2 QTY: 1</p> <p>Tag no. PV001</p> <p>Service Feed Air pressure</p> <p>< Specification ></p> <p>Model VFR</p> <p>Description FloWing Eccentric Rotary Control Valve</p> <p>Valve size 6 inch</p> <p>Port size 6B inch</p> <p>Rated Cv 600</p> <p>Connection size 6 inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material SCS13A</p> <p>Trim material SUS316 STELLITE</p> <p>Flow characteristic LINEAR APPROX.</p> <p>Bonnet type PLAIN</p> <p>Actuator VR3</p> <p>Manual operator BOTTOM</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing TK2024+PTFE</p> <p>Gasket ---</p> <p>Grease ---</p> <p>Air supply 3.5kgf/cm2</p> <p>Spring range 0.8-1.6kgf/cm2</p> <p>< Accesories ></p> <p>Positioner / Signal HEP17-13BLRYDNNSD-D1-X</p> <p>Explosion-proof Water-proof</p> <p>Signal 4-20 mADC</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><Option></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0602-009 Air piping: Stainless steel (304ss) tube. Joint: Double-bite Joint.(304ss)</p> <p>SV0018-002 Oil-free treatment Gr.B (For stainless steel body)</p> <p><Finish></p> <p>Body: M5G5/10</p> <p>Diaph. Case: M5G5/10</p> <p>Yoke: M5G5/10</p> <p>Paint: Standard</p>																																																																																								
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