

Specification Sheet

<p>No.: 4 QTY: 1</p> <p>Tag no. 25-LV-051</p> <p>Service</p> <p>< Specification ></p> <p>Model VDP</p> <p>Description Top and Bottom-Guided Double Seated Control Valve</p> <p>Valve size 2 inch</p> <p>Port size 1-1/2 inch</p> <p>Rated Cv 33</p> <p>Connection size inch</p> <p>Body rating ANSI300</p> <p>End connection RF</p> <p>Body material SCPL1</p> <p>Trim material SUS316 STELLITE</p> <p>Flow characteristic %C</p> <p>Bonnet type PLAIN</p> <p>Actuator HA2D</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Push down to open)</p> <p>Gland packing V7132Y</p> <p>Gasket V543</p> <p>Grease 650</p> <p>Air supply 2.6kgf/cm2</p> <p>Spring range 0.4-2.0kgf/cm2</p> <p>< Accesories ></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><Option></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0801-E03 Material certificate in english. Scope: valve body and bonnet</p> <p>SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap</p> <p><Finish></p> <p>Body: Silver</p> <p>Diaph. Case: 2.5Y8/12</p> <p>Yoke: Silver</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;">PROPANE</th> <th></th> <th style="text-align: center;">[GAS]</th> <th></th> </tr> <tr> <th></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: center;">UNIT</th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td></td> <td></td> <td></td> <td>kg/h</td> </tr> <tr> <td>Inlet pressure</td> <td style="text-align: center;">16.5</td> <td></td> <td></td> <td>kgf/cm2G</td> </tr> <tr> <td>Outlet pressure</td> <td style="text-align: center;">12.6</td> <td></td> <td></td> <td>kgf/cm2G</td> </tr> <tr> <td>Diff. pressure</td> <td></td> <td></td> <td></td> <td>kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td style="text-align: center;">22.5</td> <td></td> <td>kgf/cm2</td> </tr> <tr> <td>Temperature</td> <td style="text-align: center;">35</td> <td></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 style="text-align: center;">0.479</td> <td></td> <td></td> <td>MW</td> </tr> <tr> <td>Viscosity</td> <td style="text-align: center;">0.096</td> <td></td> <td></td> <td>cP</td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td></td> <td>%</td> </tr> <tr> <td>Calculated Cv</td> <td style="text-align: center;">10.4</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Fluid name	PROPANE		[GAS]			MAX	NOR	MIN	UNIT	Flow rate				kg/h	Inlet pressure	16.5			kgf/cm2G	Outlet pressure	12.6			kgf/cm2G	Diff. pressure				kgf/cm2	Shut-off press.		22.5		kgf/cm2	Temperature	35			degC	Sp.Gr. (liq.)				water=1	Sp.Gr. (gas,vapor)	0.479			MW	Viscosity	0.096			cP	Flash				%	Calculated Cv	10.4				<p><Seat Leakage></p> <p style="text-align: center;">CLASS II (SV0201-007)</p> <p><Note> Tokumi: V93-9089-00 - Existing valve pro.No. 416-8315-3000</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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