

Specification Sheet

<p>No.: 1 QTY: 1</p> <p>Tag no. Service</p> <p>< Specification ></p> <p>Model VDP Description Top and Bottom-Guided Double Seated Control Valve</p> <p>Valve size 1-1/2 inch Port size 1-1/2 inch Rated Cv 30 Connection size inch Body rating ANSI300 End connection RF Body material SCPL1 Trim material SUS316 STELLITE#6 Sheath Flow characteristic %C Bonnet type Extension Actuator HA2D Manual operator --- Valve action DIRECT(Push down to close) Gland packing V7132Y Gasket V543 Grease 800 Air supply 4.0kgf/cm2 Spring range 0.8-2.4kgf/cm2</p> <p>< Accesories ></p> <p>Positioner / Signal HTP-1D Expro-sion-proof Signal 0.2-1.0 kgf/cm2 Regurator KZ03-2A-XX Regulator 2 Limit Switch Action Solenoid valve Action Power supply Others</p>	<p>Product no.:</p> <p><Option></p> <p>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-E03 Material certificate in English. Scope: valve body, bonnet and bottom flange SV0202-050 Range ability: 50:1</p> <p><Finish></p> <p>Body: M10B5/10 Diaph. Case: M10B5/10 Yoke: M10B5/10 Paint: Standard</p>																																																																																																														
<p><Operating condition></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Fluid name</td> <td style="width: 20%;">SOLVENT</td> <td style="width: 20%;">MAX</td> <td style="width: 20%;">NOR</td> <td style="width: 20%;">MIN</td> <td style="width: 20%;">[LIQUID]</td> </tr> <tr> <td>Flow rate</td> <td>46</td> <td></td> <td></td> <td></td> <td>m3/h</td> </tr> <tr> <td>Inlet pressure</td> <td>22.67</td> <td></td> <td></td> <td></td> <td>kgf/cm2A</td> </tr> <tr> <td>Outlet pressure</td> <td>7.77</td> <td></td> <td></td> <td></td> <td>kgf/cm2A</td> </tr> <tr> <td>Diff. pressure</td> <td>14.9</td> <td></td> <td></td> <td>4.0</td> <td>kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td></td> <td></td> <td></td> <td>kgf/cm2</td> </tr> <tr> <td>Temperature</td> <td>-21</td> <td></td> <td></td> <td></td> <td>degC</td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td>0.874</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></td> <td>MW</td> </tr> <tr> <td>Viscosity</td> <td>0.894</td> <td></td> <td></td> <td></td> <td>cP</td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td></td> <td></td> <td>%</td> </tr> <tr> <td>Velocity</td> <td>11.21</td> <td></td> <td></td> <td></td> <td>m/s</td> </tr> <tr> <td>S.P.L.</td> <td>81</td> <td></td> <td></td> <td></td> <td>dBA</td> </tr> <tr> <td>Calculated Cv</td> <td>13</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td></td> <td></td> <td></td> <td>%</td> </tr> </table>	Fluid name	SOLVENT	MAX	NOR	MIN	[LIQUID]	Flow rate	46				m3/h	Inlet pressure	22.67				kgf/cm2A	Outlet pressure	7.77				kgf/cm2A	Diff. pressure	14.9			4.0	kgf/cm2	Shut-off press.					kgf/cm2	Temperature	-21				degC	Sp.Gr. (liq.)	0.874				water=1	Sp.Gr.(gas,vapor)					MW	Viscosity	0.894				cP	Flash					%	Velocity	11.21				m/s	S.P.L.	81				dBA	Calculated Cv	13					Travel					%	<p><Seat Leakage></p> <p style="text-align: center;">CLASS II (SV0201-007)</p> <p><Note> Tokumi: V93-0886-00 - 1 Product. No. : 416-8313-0700</p> <p><Line spec></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Design press.</td> <td style="width: 30%;"></td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Design temp.</td> <td></td> <td></td> <td></td> <td>kgf/cm2G degC</td> </tr> <tr> <td>Line size in/out</td> <td>1-1/2</td> <td>/</td> <td>1-1/2</td> <td>inch</td> </tr> <tr> <td>Line Sch. / Thick</td> <td>40</td> <td>/</td> <td>3.7</td> <td>mm</td> </tr> </table>	Design press.					Design temp.				kgf/cm2G degC	Line size in/out	1-1/2	/	1-1/2	inch	Line Sch. / Thick	40	/	3.7	mm
Fluid name	SOLVENT	MAX	NOR	MIN	[LIQUID]																																																																																																										
Flow rate	46				m3/h																																																																																																										
Inlet pressure	22.67				kgf/cm2A																																																																																																										
Outlet pressure	7.77				kgf/cm2A																																																																																																										
Diff. pressure	14.9			4.0	kgf/cm2																																																																																																										
Shut-off press.					kgf/cm2																																																																																																										
Temperature	-21				degC																																																																																																										
Sp.Gr. (liq.)	0.874				water=1																																																																																																										
Sp.Gr.(gas,vapor)					MW																																																																																																										
Viscosity	0.894				cP																																																																																																										
Flash					%																																																																																																										
Velocity	11.21				m/s																																																																																																										
S.P.L.	81				dBA																																																																																																										
Calculated Cv	13																																																																																																														
Travel					%																																																																																																										
Design press.																																																																																																															
Design temp.				kgf/cm2G degC																																																																																																											
Line size in/out	1-1/2	/	1-1/2	inch																																																																																																											
Line Sch. / Thick	40	/	3.7	mm																																																																																																											