

Specification Sheet

<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>																																																																																								
<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;">Air</th> <th colspan="3" style="text-align: center;">[GAS]</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 style="text-align: center;">2865</td> <td style="text-align: center;">2865</td> <td></td> <td style="text-align: center;">m3/h[N]</td> </tr> <tr> <td>Inlet pressure</td> <td></td> <td style="text-align: center;">9.196</td> <td></td> <td style="text-align: center;">kgf/cm2G</td> </tr> <tr> <td>Outlet pressure</td> <td></td> <td style="text-align: center;">9.156</td> <td></td> <td style="text-align: center;">kgf/cm2G</td> </tr> <tr> <td>Diff. pressure</td> <td style="text-align: center;">11.3</td> <td></td> <td style="text-align: center;">0.040</td> <td style="text-align: center;">kgf/cm2</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td></td> <td></td> <td style="text-align: center;">kgf/cm2</td> </tr> <tr> <td>Temperature</td> <td></td> <td style="text-align: center;">40</td> <td></td> <td style="text-align: center;">degC</td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td></td> <td></td> <td></td> <td style="text-align: center;">lb/gal</td> </tr> <tr> <td>Sp.Gr.(gas,vapor)</td> <td></td> <td style="text-align: center;">1</td> <td></td> <td style="text-align: center;">air=1</td> </tr> <tr> <td>Viscosity</td> <td></td> <td></td> <td></td> <td style="text-align: center;">cP</td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td></td> <td style="text-align: center;">%</td> </tr> <tr> <td>Velocity</td> <td></td> <td style="text-align: center;">0.01</td> <td></td> <td style="text-align: center;">Mach</td> </tr> <tr> <td>S.P.L.</td> <td></td> <td></td> <td></td> <td style="text-align: center;">dBA</td> </tr> <tr> <td>Calculated Cv</td> <td></td> <td style="text-align: center;">206.4</td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td style="text-align: center;">44</td> <td></td> <td style="text-align: center;">%</td> </tr> </tbody> </table>	Fluid name	Air	[GAS]				MAX	NOR	MIN	UNIT	Flow rate	2865	2865		m3/h[N]	Inlet pressure		9.196		kgf/cm2G	Outlet pressure		9.156		kgf/cm2G	Diff. pressure	11.3		0.040	kgf/cm2	Shut-off press.				kgf/cm2	Temperature		40		degC	Sp.Gr. (liq.)				lb/gal	Sp.Gr.(gas,vapor)		1		air=1	Viscosity				cP	Flash				%	Velocity		0.01		Mach	S.P.L.				dBA	Calculated Cv		206.4			Travel		44		%	<p><Seat Leakage></p> <p><Note> Tokumi: V93-9270-00 - SV9021 , Special for Nippon Sanso Special Inspection . Color code : M5G5/10 Silver.</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
Fluid name	Air	[GAS]																																																																																							
	MAX	NOR	MIN	UNIT																																																																																					
Flow rate	2865	2865		m3/h[N]																																																																																					
Inlet pressure		9.196		kgf/cm2G																																																																																					
Outlet pressure		9.156		kgf/cm2G																																																																																					
Diff. pressure	11.3		0.040	kgf/cm2																																																																																					
Shut-off press.				kgf/cm2																																																																																					
Temperature		40		degC																																																																																					
Sp.Gr. (liq.)				lb/gal																																																																																					
Sp.Gr.(gas,vapor)		1		air=1																																																																																					
Viscosity				cP																																																																																					
Flash				%																																																																																					
Velocity		0.01		Mach																																																																																					
S.P.L.				dBA																																																																																					
Calculated Cv		206.4																																																																																							
Travel		44		%																																																																																					
Design press.	kgf/cm2G																																																																																								
Design temp.	degC																																																																																								
Line size in/out	// inch																																																																																								
Line Sch. / Thick	// mm																																																																																								