

Specification Sheet

<p>No.: 1 QTY: 1</p> <p>Tag no. TOP-GAS</p> <p>Service</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 100% inch</p> <p>Rated Cv 600</p> <p>Connection size 6 inch</p> <p>Body rating JIS10K</p> <p>End connection WAFER</p> <p>Body material SCPH2</p> <p>Trim material SCS24/SUS630</p> <p>Flow characteristic EQ% 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 V7132Y</p> <p>Gasket</p> <p>Grease</p> <p>Air supply 3.5kgf/cm2</p> <p>Spring range 1.8-2.8kgf/cm2</p> <p>< Accesories ></p> <p>Positioner / Signal HEP15-13B_RYDRGSD-A1-XB</p> <p>Explosion-proof JIS Flameproof</p> <p>Signal 4-20 mADC</p> <p>Regurator</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><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: center;">[GAS]</th> <th style="text-align: center;">UNIT</th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td style="text-align: center;">1300</td> <td></td> <td></td> <td></td> <td style="text-align: center;">m3/h[N]</td> </tr> <tr> <td>Inlet pressure</td> <td style="text-align: center;">500</td> <td></td> <td></td> <td></td> <td style="text-align: center;">mmH2O</td> </tr> <tr> <td>Outlet pressure</td> <td style="text-align: center;">400</td> <td></td> <td></td> <td></td> <td style="text-align: center;">mmH2O</td> </tr> <tr> <td>Diff. pressure</td> <td style="text-align: center;">100</td> <td></td> <td></td> <td></td> <td style="text-align: center;">mmH2O</td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">kPa</td> </tr> <tr> <td>Temperature</td> <td style="text-align: center;">10</td> <td></td> <td></td> <td></td> <td style="text-align: center;">degC</td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">water=1</td> </tr> <tr> <td>Sp.Gr. (gas,vapor)</td> <td style="text-align: center;">0.72</td> <td></td> <td></td> <td></td> <td style="text-align: center;">air=1</td> </tr> <tr> <td>Viscosity</td> <td></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></td> <td style="text-align: center;">%</td> </tr> <tr> <td>Velocity</td> <td style="text-align: center;">0.04</td> <td></td> <td></td> <td></td> <td style="text-align: center;">Mach</td> </tr> <tr> <td>S.P.L.</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">dBA</td> </tr> <tr> <td>Calculated Cv</td> <td style="text-align: center;">465</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Travel</td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">%</td> </tr> </tbody> </table>	Fluid name	MAX	NOR	MIN	[GAS]	UNIT	Flow rate	1300				m3/h[N]	Inlet pressure	500				mmH2O	Outlet pressure	400				mmH2O	Diff. pressure	100				mmH2O	Shut-off press.					kPa	Temperature	10				degC	Sp.Gr. (liq.)					water=1	Sp.Gr. (gas,vapor)	0.72				air=1	Viscosity					cP	Flash					%	Velocity	0.04				Mach	S.P.L.					dBA	Calculated Cv	465					Travel					%	<p><Seat Leakage></p> <p><Note> Tokumi: -</p> <p><Line spec></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Design press.</td> <td style="width: 50%; text-align: right;">kPaG</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.	kPaG	Design temp.	degC	Line size in/out	inch	Line Sch. / Thick	mm
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