

Specification Sheet

<p>No.: 2 QTY: 1</p> <p>Tag no. WP-LICV-101</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 inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material A351CF3M</p> <p>Trim material SCS16 STELLITE/SUS316L</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator VR3</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing NP4519</p> <p>Gasket ---</p> <p>Grease ---</p> <p>Air supply 4.0kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p>< Accesories ></p> <p>Positioner / Signal AVP300-PSD3B-1CYR-X</p> <p>Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT</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 EF8320G174-GRC50</p> <p>Action En. : Control , De-en.: CV Close</p> <p>Power supply AC110V 60Hz</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-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem</p> <p>SV0101-001 Flange facing finish : 125AARH</p> <p>SV0505-002 Maximum flow stopper for actuator</p> <p><Finish></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Salt resistant</p>																																																																																												
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No.: 3 Tag no. WP-PICV-104 Service < Specification > Model Butterfly Description Valve size 20 inch Port size inch Rated Cv 11705 Connection size inch Body rating ANSI150 End connection WAFER Body material A351CF3M Trim material A351CF3M / Shaft Inconel X750 Flow characteristic BUTTERFLY Bonnet type Actuator Spring Return Manual operator --- Valve action DIRECT(Air fail open) Gland packing Gasket Grease Air supply Spring range < Accesories > Positioner / Signal AVP300 Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT Signal 4-20 mADC Regurator KZ03-3B-XX Regulator 2 Limit Switch VCX5001 X 2 Action Full Open and Close on Solenoid valve EF8320G174-GRC50 Action En. : Control , De-en.: CV Open Power supply AC110V 60Hz Others	QTY: 1	Product no.: - <Option> SV0703-102 Indicating unit : "bar" SV0601-001 Air piping Connection: 1/4 NPT SV0801-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem SV0101-001 Flange facing finish : 125AARH <Finish> Body: M10B5/10 Diaph. Case: M10B5/10 Yoke: M10B5/10 Paint: Salt resistant																																																																															
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<p>No.: 4 QTY: 1</p> <p>Tag no. WP-SDV-101</p> <p>Service</p> <p>< Specification ></p> <p>Model ADVB</p> <p>Description Top and Bottom Guided Double-Seat Control Valves</p> <p>Valve size 10 inch</p> <p>Port size 10 inch</p> <p>Rated Cv 1100</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SUS316 STELLITE</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator HA4</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543(PTFE)+V563(PTFE)+V6590</p> <p>Grease ---</p> <p>Air supply 4.0bar</p> <p>Spring range 0.8-2.4bar</p> <p>< Accesories ></p> <p>Positioner / Signal</p> <p style="padding-left: 20px;">Explosion-proof</p> <p style="padding-left: 20px;">Signal On-Off action</p> <p>Regurator KZ03-3B-XX</p> <p>Regulator 2</p> <p>Limit Switch VCX5001 X 2</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve EF8320G174-GRC50</p> <p style="padding-left: 20px;">Action En. : Control , De-en.: CV Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.: -</p> <p><Option></p> <p>SV0703-102 Indicating unit : "bar"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0801-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem</p> <p>SV0101-001 Flange facing finish : 125AARH</p> <p><Finish></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Salt resistant</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;">STEAM</th> <th colspan="3" style="text-align: center;">[STEAM(IEC)]</th> <th style="text-align: left;">UNIT</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></th> <th></th> </tr> </thead> <tbody> <tr> <td>Flow rate</td> <td></td> <td></td> <td></td> <td>kg/h</td> <td></td> </tr> <tr> <td>Inlet pressure</td> <td></td> <td></td> <td></td> <td>barG</td> <td></td> </tr> <tr> <td>Outlet pressure</td> <td></td> <td></td> <td></td> <td>barG</td> <td></td> </tr> <tr> <td>Diff. pressure</td> <td></td> <td></td> <td></td> <td>bar</td> <td></td> </tr> <tr> <td>Shut-off press.</td> <td></td> <td style="text-align: center;">10</td> <td></td> <td>bar</td> <td></td> </tr> <tr> <td>Temperature</td> <td style="text-align: center;">164.4</td> <td></td> <td></td> <td>degC</td> <td></td> </tr> <tr> <td>Sp.Gr. (liq.)</td> <td></td> <td></td> <td></td> <td>kg/m3</td> <td></td> </tr> <tr> <td>Sp.Gr.(gas,vapor)</td> <td></td> <td></td> <td></td> <td>MW</td> <td></td> </tr> <tr> <td>Viscosity</td> <td></td> <td></td> <td></td> <td>cP</td> <td></td> </tr> <tr> <td>Flash</td> <td></td> <td></td> <td></td> <td>%</td> <td></td> </tr> <tr> <td>Velocity</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>S.P.L.</td> <td></td> <td></td> <td></td> <td>dBa</td> <td></td> </tr> <tr> <td>Calculated Cv</td> <td></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> </tbody> </table> <p><Seat Leakage></p> <p style="text-align: center;">CLASS IV-S1 (SV0201-009)</p> <p><Note> Tokumi -</p> <p><Line spec></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>Design press.</td> <td></td> <td style="text-align: right;">barG</td> </tr> <tr> <td>Design temp.</td> <td></td> <td style="text-align: right;">degC</td> </tr> <tr> <td>Line size in/out</td> <td style="text-align: center;">10 /</td> <td style="text-align: right;">10 inch</td> </tr> <tr> <td>Line Sch. / Thick.</td> <td style="text-align: center;">40 /</td> <td style="text-align: right;">9.3 mm</td> </tr> </table>	Fluid name	STEAM	[STEAM(IEC)]			UNIT		MAX	NOR	MIN			Flow rate				kg/h		Inlet pressure				barG		Outlet pressure				barG		Diff. pressure				bar		Shut-off press.		10		bar		Temperature	164.4			degC		Sp.Gr. (liq.)				kg/m3		Sp.Gr.(gas,vapor)				MW		Viscosity				cP		Flash				%		Velocity						S.P.L.				dBa		Calculated Cv						Travel				%		Design press.		barG	Design temp.		degC	Line size in/out	10 /	10 inch	Line Sch. / Thick.	40 /	9.3 mm
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Specification Sheet

No.: 5 Tag no. WP-TRCV-108 Service < Specification > Model ADVB Description Top and Bottom Guided Double-Seat Control Valves Valve size 12 inch Port size 12 inch Rated Cv 1580 Connection size inch Body rating ANSI150 End connection RF Body material A216WCB Trim material SUS316 STELLITE Flow characteristic EQ% Bonnet type PLAIN Actuator HA4 Manual operator SIDE Valve action REVERSE(Air fail close) Gland packing V-PTFE Gasket V543(PTFE)+V563(PTFE)+V6590 Grease --- Air supply 4.0bar Spring range 0.8-2.4bar < Accesories > Positioner / Signal AVP300-FSD2D-1CYN-X Explosion-proof FM Explosionproof and Flameproof, 1/4 NPT, 1/2 Signal 4-20 mADC Regurator KZ03-2B-XX Regulator 2 Limit Switch Action Solenoid valve Action Power supply Others	QTY: 1 Product no.: - <Option> SV0703-102 Indicating unit : "bar" SV0601-001 Air piping Connection: 1/4 NPT SV0801-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem SV0101-001 Flange facing finish : 125AARH																																																																																
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<p>No.: 6 QTY: 1</p> <p>Tag no. WP-PCV-171</p> <p>Service</p> <p>< Specification ></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 1 inch</p> <p>Port size Cv=4.0 inch</p> <p>Rated Cv 4.0</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SUS316 STELLITE</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator PSA1</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543(PTFE)</p> <p>Grease ---</p> <p>Air supply 2.7bar</p> <p>Spring range 0.8-2.4bar</p> <p>< Accesories ></p> <p>Positioner / Signal AVP300-FSD2D-1CYS-X</p> <p>Explosion-proof FM Explosionproof and Flameproof, 1/4 NPT, 1/2</p> <p>Signal 4-20 mA DC</p> <p>Regulator KZ03-2B-XX</p> <p>Regulator 2</p> <p>Limit Switch VCX5001</p> <p>Action Full Close on</p> <p>Solenoid valve</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.: -</p> <p><Option></p> <p>SV0703-102 Indicating unit : "bar"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0801-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem</p> <p>SV0101-001 Flange facing finish : 125AARH</p> <p><Finish></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Salt resistant</p>																																																																																																						
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<p>No.: 8 QTY: 1</p> <p>Tag no. WP-PCV-174</p> <p>Service</p> <p>< Specification ></p> <p>Model HTS</p> <p>Description Top-Guided Single Seated Control Valves</p> <p>Valve size 3 inch</p> <p>Port size 3 inch</p> <p>Rated Cv 99</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</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 V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 2.7bar</p> <p>Spring range 0.8-2.4bar</p> <p>< Accesories ></p> <p>Positioner / Signal AVP300-FSD2D-1CYT-X</p> <p>Explosion-proof FM Explosionproof and Flameproof, 1/4 NPT, 1/2</p> <p>Signal 4-20 Madc</p> <p>Regurator KZ03-2B-XX</p> <p>Regulator 2</p> <p>Limit Switch VCX5001</p> <p>Action Full Close on</p> <p>Solenoid valve</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.: -</p> <p><Option></p> <p>SV0703-102 Indicating unit : "bar"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0801-E02 Material certificate in English. Scope: valve body, bonnet, plug, seat ring (cage) and stem</p> <p>SV0101-001 Flange facing finish : 125AARH</p> <p><Finish></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Salt resistant</p>																																																																																																												
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