

# Specification Sheet

<p>No.: 1 QTY: 1</p> <p>Tag no DS-AV-321A</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model HDT</p> <p>Description Three way Control Valve</p> <p>Valve size 8 inch</p> <p>Port size 8 inch</p> <p>Rated Cv 480</p> <p>Connection size 10 inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF8</p> <p>Trim material SUS316</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator HA4</p> <p>Manual operator ---</p> <p>Valve action DIVISION,DIRECT(Sise to side at air fail)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 3.5kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																								
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<p>No.: 2 QTY: 1</p> <p>Tag no. DS-AV-323</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model HDT</p> <p>Description Three way Control Valve</p> <p>Valve size 3 inch</p> <p>Port size 3 inch</p> <p>Rated Cv 70</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF8</p> <p>Trim material SUS316</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator HA3</p> <p>Manual operator ---</p> <p>Valve action DIVISION,DIRECT(Sise to side at air fail)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 3.5kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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<p>No.: 3 QTY: 1</p> <p>Tag no. DS-FV-302</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 10 inch</p> <p>Port size inch</p> <p>Rated Cv 1700</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA3</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYT-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																								
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# Specification Sheet

<p>No.: 4 QTY: 1</p> <p>Tag no. DSV-FV-301</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 14 inch</p> <p>Port size inch</p> <p>Rated Cv 3200</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA4</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYN-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																								
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# Specification Sheet

<p>No.: 5 QTY: 1</p> <p>Tag no. DS-FV-322A</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 26 inch</p> <p>Port size inch</p> <p>Rated Cv 11500</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator DAP560</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 4.0kgf/cm2</p> <p>Spring range</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD4B-1CY4-W</p> <p>Expro-sion-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-20 mADC</p> <p>Regurator KZ03-3B-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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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Effective : Jul. 15, 2001	UNIT : 1000YEN
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# Specification Sheet

<p>No.: 6 QTY: 1</p> <p>Tag no. DS-PV-311C</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model HCB</p> <p>Description Pressure Balanced Cage Type Control Valves</p> <p>Valve size 8 inch</p> <p>Port size 8 inch</p> <p>Rated Cv 650</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material A216WCB</p> <p>Trim material SCS24</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,V590</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYN-X</p> <p>ExproSION-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																																								
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# Specification Sheet

<p>No.: 7 QTY: 1</p> <p>Tag no. DS-LV-301B</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 10 inch</p> <p>Port size inch</p> <p>Rated Cv 1700</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA3</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYT-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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# Specification Sheet

<p>No.: 8 QTY: 1</p> <p>Tag no. DS-LV-301A</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 10 inch</p> <p>Port size inch</p> <p>Rated Cv 1700</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA3</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYT-X</p> <p>ExproSION-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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# Specification Sheet

<p>No.: 9 QTY: 1</p> <p>Tag no. DS-LV-311</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 3 inch</p> <p>Port size 3 inch</p> <p>Rated Cv 115</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material A351CF8M</p> <p>Trim material SUS316</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator PSA3</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543(PTFE)</p> <p>Grease ---</p> <p>Air supply 4.0kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD4B-1CYQ-X</p> <p>ExproSION-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-20 mADC</p> <p>Regurator KZ03-3B-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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																								
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# Specification Sheet

<p>No.: 10 QTY: 1</p> <p>Tag no. DS-TV-301</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDC</p> <p>Description Cage Type Double Seated Control Valve</p> <p>Valve size 14 inch</p> <p>Port size 14 inch</p> <p>Rated Cv 1930</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF3M</p> <p>Trim material SCS16</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator VA5</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543,V590</p> <p>Grease ---</p> <p>Air supply 2.6kgf/cm2</p> <p>Spring range 0.2-1.0kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYL-X</p> <p>Exprosn-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																			
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# Specification Sheet

<p>No.: 11 QTY: 1</p> <p>Tag no. DS-PV-311A</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDN</p> <p>Description Low-Noise Cage Type Double Seated Control Valves</p> <p>Valve size 14 inch</p> <p>Port size 14 inch</p> <p>Rated Cv 1170</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SCS24</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator VA5</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543,V590</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYL-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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<p>No.: 12 QTY: 1</p> <p>Tag no. DS-SDV-311A</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDC</p> <p>Description Cage Type Double Seated Control Valve</p> <p>Valve size 12 inch</p> <p>Port size 12 inch</p> <p>Rated Cv 1440</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SCS24</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator VA5</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543,V590</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																								
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# Specification Sheet

<p>No.: 13 QTY: 1</p> <p>Tag no. DS-SDV-313</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 3 inch</p> <p>Port size 3 inch</p> <p>Rated Cv 115</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SUS440C</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator PSA4</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 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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# Specification Sheet

<p>No.: 14 QTY: 1</p> <p>Tag no. DS-FV-322B</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 8 inch</p> <p>Port size inch</p> <p>Rated Cv 1000</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA3</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYT-X</p> <p>ExproSION-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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<p>No.: 15 QTY: 1</p> <p>Tag no. DS-LV-301C</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model HDT</p> <p>Description Three way Control Valve</p> <p>Valve size 12 inch</p> <p>Port size 12 inch</p> <p>Rated Cv 1080</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF8</p> <p>Trim material SUS316</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator VA5</p> <p>Manual operator ---</p> <p>Valve action DIVISION,DIRECT(Sise to side at air fail)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 2.6kgf/cm2</p> <p>Spring range 0.4-2.0kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal</p> <p style="padding-left: 20px;">ExproSION-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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																								
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# Specification Sheet

<p>No.: 16 QTY: 1</p> <p>Tag no. DS-LV-312B</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 2 inch</p> <p>Port size 2 inch</p> <p>Rated Cv 50</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</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator PSA3</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 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYQ-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																
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# Specification Sheet

<p>No.: 17 QTY: 1</p> <p>Tag no. DS-LV-461B</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 2 inch</p> <p>Port size 2 inch</p> <p>Rated Cv 50</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF8M</p> <p>Trim material SUS316</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator PSA2</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543(PTFE)</p> <p>Grease ---</p> <p>Air supply 4.0kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD4B-1CYS-X</p> <p>Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-12 mADC</p> <p>Regurator KZ03-3B-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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																												
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# Specification Sheet

<p>No.: 18 QTY: 1</p> <p>Tag no. WP-PICV-104</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 20 inch</p> <p>Port size inch</p> <p>Rated Cv 7000</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection WAFER</p> <p>Body material SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator GOM1210L</p> <p>Manual operator ---</p> <p>Valve action DIRECT(Air fail open)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.6kgf/cm2</p> <p>Spring range</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD4B-1CY4-W</p> <p>Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-20 mA DC</p> <p>Regurator KZ03-3B-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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0603-002 Air-fail-Open system with 120L tank</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																								
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**Specification Sheet**

<p>No.: 19 QTY: 1</p> <p>Tag no. WP-LICV-101</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model BV</p> <p>Description</p> <p>Valve size 6 inch</p> <p>Port size 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 SUS316L</p> <p>Trim material SUS316L</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type -----</p> <p>Actuator HA2</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing TEFLON</p> <p>Gasket --</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYT-X</p> <p>Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-20 mADC</p> <p>Regulator 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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																								
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# Specification Sheet

<p>No.: 20 QTY: 1</p> <p>Tag no. WP-TRCV-108</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDN</p> <p>Description Low-Noise Cage Type Double Seated Control Valves</p> <p>Valve size 16 inch</p> <p>Port size 16 inch</p> <p>Rated Cv 1540</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SCS24</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator DAP560</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543,V590</p> <p>Grease ---</p> <p>Air supply 5.0kgf/cm2</p> <p>Spring range</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD5B-1CY4-W</p> <p>Explosion-proof Water-proof, 1/4 NPT, 1/2 NPT</p> <p>Signal 4-20 mADC</p> <p>Regulator KZ03-3B-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><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p>SV0604-001 Air-fail-Close system with 39L tank</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																												
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# Specification Sheet

<p>No.: 21 QTY: 1</p> <p>Tag no. WP-PV-****</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model VDC</p> <p>Description Cage Type Double Seated Control Valve</p> <p>Valve size 10 inch</p> <p>Port size 10 inch</p> <p>Rated Cv 1000</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A216WCB</p> <p>Trim material SCS24</p> <p>Flow characteristic EQ%</p> <p>Bonnet type PLAIN</p> <p>Actuator VA5</p> <p>Manual operator ---</p> <p>Valve action REVERSE(Air fail close)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543,V590</p> <p>Grease ---</p> <p>Air supply 2.8kgf/cm2</p> <p>Spring range 0.4-1.2kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYL-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																																								
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# Specification Sheet

<p>No.: 22 QTY: 1</p> <p>Tag no. DS-FV-751G</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model AGVB</p> <p>Description Top-Guided Single-Seat Control Valves</p> <p>Valve size 3/4 inch</p> <p>Port size Cv=6.3 inch</p> <p>Rated Cv 6.3</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</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 2.8kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-PSD2B-1CYS-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</p> <p>Action</p> <p>Power supply</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																																													
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<p>No.: 23 QTY: 1</p> <p>Tag no. WP-ARCV-101</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model HDT</p> <p>Description Three way Control Valve</p> <p>Valve size 6 inch</p> <p>Port size 6 inch</p> <p>Rated Cv 270</p> <p>Connection size inch</p> <p>Body rating ANSI150</p> <p>End connection RF</p> <p>Body material A351CF8</p> <p>Trim material SUS316</p> <p>Flow characteristic LINEAR</p> <p>Bonnet type PLAIN</p> <p>Actuator HA4</p> <p>Manual operator ---</p> <p>Valve action DIVISION,DIRECT(Sise to side at air fail)</p> <p>Gland packing V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 3.5kgf/cm2</p> <p>Spring range 0.8-2.4kgf/cm2</p> <p><b>&lt; Accesories &gt;</b></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 VCL5001</p> <p style="padding-left: 20px;">Action Full Open and Close on</p> <p>Solenoid valve 8320G174-104-094-15T</p> <p style="padding-left: 20px;">Action En. : CV Open , De-en.: Close</p> <p style="padding-left: 20px;">Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.:</p> <p><b>&lt;Option&gt;</b></p> <p>SV0703-105 Indicating unit : "kgf/cm2"</p> <p>SV0601-001 Air piping Connection: 1/4 NPT</p> <p><b>&lt;Finish&gt;</b></p> <p>Body: M10B5/10</p> <p>Diaph. Case: M10B5/10</p> <p>Yoke: M10B5/10</p> <p>Paint: Standard</p>																																																																																																								
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