

# Specification Sheet

<p>No.: 1 QTY: 1</p> <p>Tag no. WP-AV-105</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 SIDE</p> <p>Valve action DIVISION, REVERSE (Side to bottom at air f</p> <p>Gland packing V-PTFE</p> <p>Gasket V543</p> <p>Grease ---</p> <p>Air supply 3.5kgf/cm<sup>2</sup></p> <p>Spring range 0.8-2.4kgf/cm<sup>2</sup></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 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 Open</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/cm<sup>2</sup>"</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><b>&lt;Finish&gt;</b></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.: 2 QTY: 1</p> <p>Tag no. WP-LICV-101</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></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><b>&lt; Accesories &gt;</b></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><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>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><b>&lt;Finish&gt;</b></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 <b>&lt; Specification &gt;</b> 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 <b>&lt; Accesories &gt;</b> 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.: - <b>&lt;Option&gt;</b> 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  <b>&lt;Finish&gt;</b> Body: M10B5/10 Diaph. Case: M10B5/10 Yoke: M10B5/10 Paint: Salt resistant																																																																															
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# Specification Sheet

<p>No.: 4 QTY: 1</p> <p>Tag no. WP-SDV-101</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></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><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal Explosion-proof Signal On-Off action</p> <p>Regurator KZ03-3B-XX</p> <p>Regulator 2</p> <p>Limit Switch VCX5001 X 2 Action Full Open and Close on</p> <p>Solenoid valve EF8320G174-GRC50 Action En. : Control , De-en.: CV Close</p> <p>Power supply AC110V 60Hz</p> <p>Others</p>	<p>Product no.: -</p> <p><b>&lt;Option&gt;</b></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><b>&lt;Finish&gt;</b></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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# Specification Sheet

<p>No.: 5 QTY: 1</p> <p>Tag no. WP-TRCV-108</p> <p>Service</p> <p><b>&lt; Specification &gt;</b></p> <p>Model ADVB</p> <p>Description Top and Bottom Guided Double-Seat Control Valves</p> <p>Valve size 12 inch</p> <p>Port size 12 inch</p> <p>Rated Cv 1580</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 SIDE</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><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-FSD2D-1CYN-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</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>SV0703-102 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><b>&lt;Finish&gt;</b></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.: 7 QTY: 1</p> <p>Tag no. WP-PCV-271</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 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><b>&lt; Accesories &gt;</b></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><b>&lt;Option&gt;</b></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><b>&lt;Finish&gt;</b></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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# Specification Sheet

<p>No.: 8 QTY: 1</p> <p>Tag no. WP-PCV-174</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 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 NP4519</p> <p>Gasket V543(PTFE)</p> <p>Grease ---</p> <p>Air supply 2.7bar</p> <p>Spring range 0.8-2.4bar</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-FSD2D-1CYQ-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><b>&lt;Option&gt;</b></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><b>&lt;Finish&gt;</b></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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# Specification Sheet

<p>No.: 9 QTY: 1</p> <p>Tag no. WP-PCV-274</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 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 NP4519</p> <p>Gasket V543(PTFE)</p> <p>Grease ---</p> <p>Air supply 2.7bar</p> <p>Spring range 0.8-2.4bar</p> <p><b>&lt; Accesories &gt;</b></p> <p>Positioner / Signal AVP300-FSD2D-1CYQ-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><b>&lt;Option&gt;</b></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><b>&lt;Finish&gt;</b></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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