

# Control Valve Data Sheet

**Fax Your Inquiry to: (281) 324-4595**

<b>CUSTOMER:</b>  <b>PHONE</b>  <b>CONTACT PERSON</b> _____ <b>FAX</b> _____  <b>DRAWING APPROVAL</b>  <b>DELIVERY REQUIRED</b>  <b>PROJECT REFERENCE</b>  <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">ENTERED</td> <td style="width:15%;">BY</td> <td style="width:20%;">REQUESTED</td> <td style="width:20%;">SCHEDULED</td> <td style="width:30%;"></td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">LINE SIZE</td> <td style="width:30%;"> <b>BODY MATERIAL</b>  <input type="checkbox"/> DUCTILE IRON  <input type="checkbox"/> OTHER             </td> <td style="width:15%;"> <b>FLANGE CLASS DRILLING</b>  <input type="checkbox"/> ANSI 125/150 B16.1  <input type="checkbox"/> ANSI 250/300 B16.5  <input type="checkbox"/> OTHER             </td> <td style="width:15%;">                 MODEL  <input type="checkbox"/> 5200    <input type="checkbox"/> 5200 D-Port  <input type="checkbox"/> 5200 Diaphragm Actuated  <input type="checkbox"/> 5300    <input type="checkbox"/> 9000             </td> <td style="width:15%;"> <input type="checkbox"/> 5200E Electric  <input type="checkbox"/> 5400  <input type="checkbox"/> TYPE A             </td> </tr> </table> <b>FLOW MEDIA (Describe):</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">SLEEVE MATERIAL</td> <td style="width:15%;"> <input type="checkbox"/> PURE GUM 180°F  <input type="checkbox"/> BUNA-N 230°F  <input type="checkbox"/> EPDM 300°F  <input type="checkbox"/> OTHER             </td> <td style="width:15%;"> <input type="checkbox"/> NEOPRENE 230°F  <input type="checkbox"/> CHLOROBUTYL 250°F  <input type="checkbox"/> FOOD GRADE             </td> <td style="width:15%;"> <input type="checkbox"/> VITON 400°F  <input type="checkbox"/> HYPALON 230°F             </td> </tr> </table>					ENTERED	BY	REQUESTED	SCHEDULED		LINE SIZE	<b>BODY MATERIAL</b> <input type="checkbox"/> DUCTILE IRON <input type="checkbox"/> OTHER	<b>FLANGE CLASS DRILLING</b> <input type="checkbox"/> ANSI 125/150 B16.1 <input type="checkbox"/> ANSI 250/300 B16.5 <input type="checkbox"/> OTHER	MODEL <input type="checkbox"/> 5200 <input type="checkbox"/> 5200 D-Port <input type="checkbox"/> 5200 Diaphragm Actuated <input type="checkbox"/> 5300 <input type="checkbox"/> 9000	<input type="checkbox"/> 5200E Electric <input type="checkbox"/> 5400 <input type="checkbox"/> TYPE A	SLEEVE MATERIAL	<input type="checkbox"/> PURE GUM 180°F <input type="checkbox"/> BUNA-N 230°F <input type="checkbox"/> EPDM 300°F <input type="checkbox"/> OTHER	<input type="checkbox"/> NEOPRENE 230°F <input type="checkbox"/> CHLOROBUTYL 250°F <input type="checkbox"/> FOOD GRADE	<input type="checkbox"/> VITON 400°F <input type="checkbox"/> HYPALON 230°F	<b>ACTUATOR FUNCTION</b> <input type="checkbox"/> THROTTLING <input type="checkbox"/> ON/OFF <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> ELECTRIC <input type="checkbox"/> HYDRAULIC Plant Air Supply _____ psi min. <input type="checkbox"/> DIAPHRAGM Voltage/Frequency _____ V _____ Hz _____ Phase Hydraulic Pressure _____ psi min. <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSE <input type="checkbox"/> DOUBLE ACTING <input type="checkbox"/> CLOSE <input type="checkbox"/> OPEN (No Spring) <input type="checkbox"/> OPEN (Spring) ATO / ATC <input type="checkbox"/> R-4 <input type="checkbox"/> R-6 <input type="checkbox"/> R-8 <input type="checkbox"/> R-10 <input type="checkbox"/> R-12 <input type="checkbox"/> R-14 <input type="checkbox"/> R-16 ATO / FCS <input type="checkbox"/> RS-4 <input type="checkbox"/> RS-6 <input type="checkbox"/> RS-8 <input type="checkbox"/> RS-10 <input type="checkbox"/> RS-12 <input type="checkbox"/> RS-14 ATC / FOS <input type="checkbox"/> RS-4 <input type="checkbox"/> RS-6 <input type="checkbox"/> RS-8 <input type="checkbox"/> RS-10 <input type="checkbox"/> RS-12 <input type="checkbox"/> RS-14 <b>CHARACTERISTICS</b> <input type="checkbox"/> Equal Percentage <input type="checkbox"/> Quick Opening <input type="checkbox"/> Linear <b>INPUT SIGNAL</b> <input type="checkbox"/> 3 to 15 psi <input type="checkbox"/> 4 to 20 mA <b>ON INCREASING SIGNAL VALVE</b> <input type="checkbox"/> OPENS <input type="checkbox"/> CLOSES <b>POSITIONER</b> REVERSE, SINGLE OR DOUBLE ACTING <input type="checkbox"/> PNEUMATIC <input type="checkbox"/> P-5 <input type="checkbox"/> ELECTRO-PNEUMATIC <input type="checkbox"/> EP-5 <input type="checkbox"/> NEMA-5 <input type="checkbox"/> EP-5X <input type="checkbox"/> OTHER																																																					
ENTERED	BY	REQUESTED	SCHEDULED																																																																					
LINE SIZE	<b>BODY MATERIAL</b> <input type="checkbox"/> DUCTILE IRON <input type="checkbox"/> OTHER	<b>FLANGE CLASS DRILLING</b> <input type="checkbox"/> ANSI 125/150 B16.1 <input type="checkbox"/> ANSI 250/300 B16.5 <input type="checkbox"/> OTHER	MODEL <input type="checkbox"/> 5200 <input type="checkbox"/> 5200 D-Port <input type="checkbox"/> 5200 Diaphragm Actuated <input type="checkbox"/> 5300 <input type="checkbox"/> 9000	<input type="checkbox"/> 5200E Electric <input type="checkbox"/> 5400 <input type="checkbox"/> TYPE A																																																																				
SLEEVE MATERIAL	<input type="checkbox"/> PURE GUM 180°F <input type="checkbox"/> BUNA-N 230°F <input type="checkbox"/> EPDM 300°F <input type="checkbox"/> OTHER	<input type="checkbox"/> NEOPRENE 230°F <input type="checkbox"/> CHLOROBUTYL 250°F <input type="checkbox"/> FOOD GRADE	<input type="checkbox"/> VITON 400°F <input type="checkbox"/> HYPALON 230°F																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">FLOW DATA</th> <th style="width:15%;">MINIMUM FLOW TO BE CONTROLLED</th> <th style="width:15%;">NORMAL FLOW TO BE CONTROLLED</th> <th style="width:15%;">MAXIMUM FLOW TO BE CONTROLLED</th> <th style="width:15%;">ANSI/FCI LEAKAGE CLASS</th> <th style="width:15%;"></th> </tr> </thead> <tbody> <tr> <td>Q (Flow Rate In U.S. GPM)</td> <td></td> <td></td> <td></td> <td> <input type="checkbox"/> VI    <input type="checkbox"/> V    <input type="checkbox"/> IV  <input type="checkbox"/> III    <input type="checkbox"/> II    <input type="checkbox"/> I                 </td> <td style="text-align: center;"> <b>SHUTOFF</b>  <input type="checkbox"/> YES    <input type="checkbox"/> NO                 </td> </tr> <tr> <td>P1 (Inlet Pressure at Controlled Flow Rate) psig</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>P2 (Outlet Pressure at Controlled Flow Rate) psig</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>ΔP (P1-P2) at Controlled Flow Rate</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>SPECIFIC GRAVITY</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>INLET TEMPERATURE (°F)</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>Cv (Flow Coeff. - Required)</td> <td></td> <td></td> <td></td> <td></td> <td style="background-color: #cccccc;"></td> </tr> <tr> <td>SLEEVE STYLE</td> <td colspan="5"> <input type="checkbox"/> FULL PORT    <input type="checkbox"/> DOUBLE WALL    <input type="checkbox"/> CONE SLEEVE                 </td> </tr> <tr> <td>APPROACH VELOCITY (fps)</td> <td colspan="5" style="background-color: #cccccc;"></td> </tr> <tr> <td>ΔP MAX (Calculated)</td> <td colspan="5" style="background-color: #cccccc;"></td> </tr> </tbody> </table>					FLOW DATA	MINIMUM FLOW TO BE CONTROLLED	NORMAL FLOW TO BE CONTROLLED	MAXIMUM FLOW TO BE CONTROLLED	ANSI/FCI LEAKAGE CLASS		Q (Flow Rate In U.S. GPM)				<input type="checkbox"/> VI <input type="checkbox"/> V <input type="checkbox"/> IV <input type="checkbox"/> III <input type="checkbox"/> II <input type="checkbox"/> I	<b>SHUTOFF</b> <input type="checkbox"/> YES <input type="checkbox"/> NO	P1 (Inlet Pressure at Controlled Flow Rate) psig						P2 (Outlet Pressure at Controlled Flow Rate) psig						ΔP (P1-P2) at Controlled Flow Rate						SPECIFIC GRAVITY						INLET TEMPERATURE (°F)						Cv (Flow Coeff. - Required)						SLEEVE STYLE	<input type="checkbox"/> FULL PORT <input type="checkbox"/> DOUBLE WALL <input type="checkbox"/> CONE SLEEVE					APPROACH VELOCITY (fps)						ΔP MAX (Calculated)						<b>ACCESSORIES</b> SOLENOID VALVES <input type="checkbox"/> NONE <input type="checkbox"/> 3 WAY ASCO MODEL #8320 SINGLE SOLENOID <input type="checkbox"/> 4 WAY ASCO MODEL #8342 SINGLE SOLENOID <input type="checkbox"/> 4 WAY ASCO MODEL #8342 DUAL SOLENOID <input type="checkbox"/> 120V/60Hz <input type="checkbox"/> OTHER <b>REGULATORS</b> <input type="checkbox"/> NONE <input type="checkbox"/> WATTS FILTER REGULATOR MODEL #6422 <input type="checkbox"/> FISHER FILTER REGULATOR #67AFR <input type="checkbox"/> OTHER <b>LIMIT SWITCHES "GO" PROXIMITY SWITCHES</b> <input type="checkbox"/> SERIES 75 SINGLE POLE, DOUBLE THROW <input type="checkbox"/> SERIES 7G DOUBLE POLE, DOUBLE THROW <input type="checkbox"/> LSA1A SPDT NEMA 4 WEATHER TIGHT <input type="checkbox"/> LSA6B DPDT NEMA 4 WEATHER TIGHT <input type="checkbox"/> LSXA3K SPDT NEMA 7 EXPLOSION PROOF <input type="checkbox"/> LSXA4L DPDT NEMA 7 EXPLOSION PROOF <input type="checkbox"/> OTHER <b>HONEYWELL MICROSWITCH</b> FUNCTION <input type="checkbox"/> NONE <input type="checkbox"/> INDICATE VALVE OPEN <input type="checkbox"/> INDICATE VALVE CLOSED <input type="checkbox"/> INDICATE VALVE CLOSED & OPEN <b>ADDITIONAL ACCESSORIES</b> <input type="checkbox"/> EMISSIONS TIGHT PACKAGE <input type="checkbox"/> MANUAL OVERRIDE <input type="checkbox"/> IN LINE WITH PIPELINE <input type="checkbox"/> PERPENDICULAR TO PIPELINE <b>SPECIAL TAGGING</b>           <b>SPECIAL COATINGS</b>           <b>PRICE</b> \$ _____	
FLOW DATA	MINIMUM FLOW TO BE CONTROLLED	NORMAL FLOW TO BE CONTROLLED	MAXIMUM FLOW TO BE CONTROLLED	ANSI/FCI LEAKAGE CLASS																																																																				
Q (Flow Rate In U.S. GPM)				<input type="checkbox"/> VI <input type="checkbox"/> V <input type="checkbox"/> IV <input type="checkbox"/> III <input type="checkbox"/> II <input type="checkbox"/> I	<b>SHUTOFF</b> <input type="checkbox"/> YES <input type="checkbox"/> NO																																																																			
P1 (Inlet Pressure at Controlled Flow Rate) psig																																																																								
P2 (Outlet Pressure at Controlled Flow Rate) psig																																																																								
ΔP (P1-P2) at Controlled Flow Rate																																																																								
SPECIFIC GRAVITY																																																																								
INLET TEMPERATURE (°F)																																																																								
Cv (Flow Coeff. - Required)																																																																								
SLEEVE STYLE	<input type="checkbox"/> FULL PORT <input type="checkbox"/> DOUBLE WALL <input type="checkbox"/> CONE SLEEVE																																																																							
APPROACH VELOCITY (fps)																																																																								
ΔP MAX (Calculated)																																																																								

Use 1 (one) form for each control valve. Make additional photocopies for more forms. Fax to number at top of this page.

PREPARED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER APPROVAL: \_\_\_\_\_ DATE: \_\_\_\_\_