

Control Valve Design Data Form

Please complete the form to define the project and operating parameters. Include as much information as possible.

Email your inquiry to support@redvalve.com.

CUSTOMER		PHONE		
CONTACT PERSON		EMAIL		
PROJECT REFERENCE	DELIVERY REQUIRED		DRAWING APPROVAL	
LINE SIZE	BODY MATERIAL		FLANGE CLASS DRILLING	
PIPE SCH.				
MODEL	SLEEVE MATERIAL		FLOW MEDIUM (Describe):	
FUNCTION				
FLOW DATA	MINIMUM FLOW TO BE CONTROLLED	NORMAL FLOW TO BE CONTROLLED	MAXIMUM FLOW TO BE CONTROLLED	SHUTOFF
				YES NO
Q (Flow Rate in U.S. GPM)				Maximum Shutoff Pressure Required (psig):
P1 (Inlet Pressure at Controlled Flow Rate) psig				
P (Outlet Pressure at Controlled Flow Rate) psig				
SPECIFIC GRAVITY				
cP (Dynamic Viscosity)				
INLET TEMPERATURE (°F)				
Cv (Flow Coefficient)				
ΔP MAX (Calculated)				
MAXIMUM ALLOWABLE APPROACH VELOCITY (fps)				
ATMOSPHERIC PRESSURE (psig)				
SLEEVE STYLE		ACTUATOR TYPE		
ACTUATOR BRAND				
TYPE SPECIFICATION		Pneumatic Type:	OPTIONS	
Plant Air Supply: psi minimum				
Voltage: V Frequency: Hz Phase:				
Hydraulic Pressure: psi minimum				

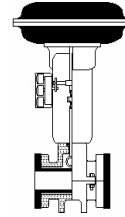
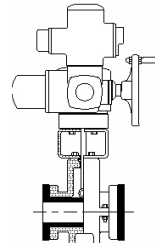
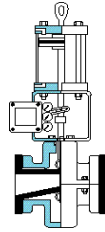
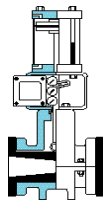
Please use separate form for each control valve.

PREPARED BY:

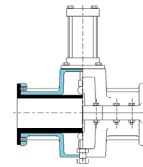
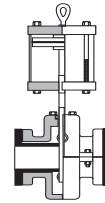
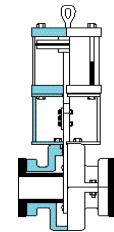
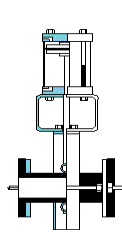
DATE:

CUSTOMER APPROVAL:

DATE:



BODY STYLE	Series 5200	Series 5200 D-Port	Series 5200E Electrically Actuated	Series 5200 Diaphragm Actuated
Sizes	1 - 4"	6 - 48"	1 - 48"	1 - 3"
Flange Drilling	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150
Body Materials	Ductile Iron A536 65-45-12	Ductile Iron A536 65-45-12	Ductile Iron A536 65-45-12	Ductile Iron A536 65-45-12
Actuator	ATO/ATC ATO/FCS ATC/FOS	ATO/ATC ATO/FCS ATC/FOS	Pneumatic Hydraulic Electric Modulating	ATO/ATC ATO/FCS ATC/FOS
Cv	Pre-pinched	Pre-pinched	Pre-pinched	Pre-pinched



BODY STYLE	Series 5300	Series 5400	Series 5700	Series 9000
Sizes	2 - 48"	4 - 48"	2 - 48"	1 - 12"
Flange Drilling	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150	ASME B16.1 Class 125 ASME B16.5 Class 150
Body Materials	Steel Fabricated Stainless Steel Fabricated	Ductile Iron A536 65-45-12	Ductile Iron A536 65-45-12	Ductile Iron A536 65-45-12
Actuator	Pneumatic Hydraulic Electric Modulating	Pneumatic Hydraulic Electric	Pneumatic Hydraulic Electric Modulating	Manual Hydraulic Electric Modulating
Cv	Pre-pinched	Centerline Pinch	Centerline Pinch	Pre-pinched