




**Nil-Cor®**

**Butterfly Control Valve Specification**

 <p style="text-align: center;"><b>Nil-Cor®</b> <b>Butterfly Control Valve Specification</b></p>					Customer			
					Reference			
					Quote			
					Date			
					Prepared By			
Item:	Qty:	Tag(s):		<b>Service Conditions</b>				
Size:	Model:			Flow Rate (units)	<input type="checkbox"/> gpm	<input type="checkbox"/> scfh	<input type="checkbox"/> _____	
<b>Body Subassembly Data</b>					Pressure (units)	<input type="checkbox"/> psig	<input type="checkbox"/> psia	<input type="checkbox"/> _____
Body Type	3" to 12" Wafer				Temperature (units)	<input type="checkbox"/> °F	<input type="checkbox"/> °C	<input type="checkbox"/> _____
	3" to 8" Full-Face and Lug				Fluid	State <input type="checkbox"/> Gas <input type="checkbox"/> Vapor <input type="checkbox"/> Liquid		
Dimensions	Class 150 face-to-face dimensions per ISA S75.03-1992					Description		
Leakage	Class VI per ANSI / FCI 70-2-1991				CASE →	<b>Min</b>	<b>Nor</b>	<b>Max</b>
					Inlet Pressure			
<b>Part Name</b>		<b>310 Series</b>	<b>300 Series</b>		Outlet Pressure			
Body	1	Glass Fiber/ Vinyl Ester	Graphite Fiber/ Vinyl Ester		ΔP Sizing			
Disc	3	Graphite Fiber/ Vinyl Ester	Graphite Fiber/ Vinyl Ester		Vapor Pressure			
Stem	4	17-4 PH Insert with Graphite Fiber/ Vinyl Ester Encapsulation			Critical Pressure			
Washer	5	Graphite Fiber Reinforced TFE			Temperature			
Seat	6	<input type="checkbox"/> Viton A Elastomer <input type="checkbox"/> PTFE			Sp. Gr. @ _____°			
Bearing Seals	7	<input type="checkbox"/> None <input type="checkbox"/> Viton Seals			Noise (dBA)			
Packing	8	Virgin TFE Chevron Style			Required Cv			
Gland	9	Hastelloy C			Rated Cv			
Gland Bolts	10	Hastelloy C			ΔP Shutoff			
					Pipe	Inlet	Size: _____ / Schedule: _____	
						Outlet	Size: _____ / Schedule: _____	
<b>Actuators and Accessories</b>					Incomplete Service Conditions / No Sizing Rev. <input type="checkbox"/>			
Control Mode		<input type="checkbox"/> On-Off <input type="checkbox"/> Modulating <input type="checkbox"/> Manual			<b>NOTES</b>			
Actuator	Type	<input type="checkbox"/> Spring Return <input type="checkbox"/> Double Acting <input type="checkbox"/> Electric <input type="checkbox"/> Manual						
	Mfr. / Model / Size							
	Action	<b>Air to:</b> <input type="checkbox"/> Open <input type="checkbox"/> Close / <b>Fail:</b> <input type="checkbox"/> Close <input type="checkbox"/> Open						
	Supply:	<input type="checkbox"/> Psig <input type="checkbox"/> Vac / Hz <input type="checkbox"/> Vdc						
	Manual	<input type="checkbox"/> Handwheel <input type="checkbox"/> Lever <input type="checkbox"/> Gear Box						
Positioner	Type	<input type="checkbox"/> Pneumatic <input type="checkbox"/> _____ (Other)						
	Mfr. / Model							
	Input	<input type="checkbox"/> _____ to _____ Psig <input type="checkbox"/> 4-20mA <input type="checkbox"/> Digital or Hart						
	Action	<input type="checkbox"/> Direct <input type="checkbox"/> Reverse						
	Supply	<input type="checkbox"/> _____ Psig <input type="checkbox"/> 24Vdc <input type="checkbox"/> mA						
Solenoid <input type="checkbox"/> Yes <input type="checkbox"/> No	Type	<input type="checkbox"/> 3-way <input type="checkbox"/> 4-way						
	Mfr. / Model							
	Enclosure	<input type="checkbox"/> Nema 4 <input type="checkbox"/> Nema 7 <input type="checkbox"/> _____ (other)						
	Voltage	<input type="checkbox"/> _____ / _____ Vac / Hz <input type="checkbox"/> _____ Vdc						
	Failure	Main Valve to: <input type="checkbox"/> Close <input type="checkbox"/> Open						
Switch(es) <input type="checkbox"/> SPDT <input type="checkbox"/> DPDT	Qty / Mfr. / Model	_____ ea. /						
	Rating	_____ Volts / _____ Amps			<input type="checkbox"/> Yes <input type="checkbox"/> No			
	Enclosure	<input type="checkbox"/> Nema 4 <input type="checkbox"/> Nema 7 <input type="checkbox"/> _____ (other)			<input type="checkbox"/> Yes <input type="checkbox"/> No			
Position Transmitter	Mfr. / Model							
	Enclosure	<input type="checkbox"/> Nema 4 <input type="checkbox"/> Nema 7 <input type="checkbox"/> _____ (other)			Special Instructions Attached		<input type="checkbox"/> Yes <input type="checkbox"/> No	
	Voltage	<input type="checkbox"/> _____ / _____ Vac / Hz <input type="checkbox"/> _____ Vdc			Estimated delivery		_____ weeks	
Air Filter	Local Indicator	<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No		Partial shipments <input type="checkbox"/> Not allowed <input type="checkbox"/> Allowed		
Volume Tank	<input type="checkbox"/> No <input type="checkbox"/> Yes, Capacity: _____ (in <sup>3</sup> )			Shipping weight, lbs		Unit: _____ Total: _____		
Booster, Qty:	_____ ea.	Volume: <input type="checkbox"/> Yes <input type="checkbox"/> No / Signal: <input type="checkbox"/> Yes <input type="checkbox"/> No		Unit Price US\$				
Airset	Mfr. / Model / Set							
	Gauge	<input type="checkbox"/> No <input type="checkbox"/> Yes Range _____ Psig			Net Price US\$			

