

# ISA Control Valve Specification Form



Project :	Data Sheet      of
Unit :	Spec :
PO :	Tag :
Item :	
Contract :	Dwg :
MFR Serial :	Service :

1	Fluid		Units	Max Flow	Nor Flow	Min Flow	Shut-Off		
2	SERVICE CONDITIONS	Flow Rate					-		
3		Inlet Pressure							
4		Outlet Pressure							
5		Inlet Temperature							
6		Spec Wt / Spec Grav / Mol Wt					-		
7		Viscosity / Spec Heat Ratio					-		
8		Vapor Pressure Pv					-		
9		Required Cv					0		
10		Travel					-		
11		Allowable / Predicted SPL							
12									
13	LINE	Pipe Line Size	In :	53	ACTUATOR	Type :			
14		& Schedule	Out :	54		Mfr & Model :			
15		Pipeline Insulation :		55		Size :	Eff Area :		
16		Type :		56		On/Off :	Modulating :		
17		Size :	ANSI Class :	57		Spring Action Open/Close :			
18		Max Pressure / Temp :		58		Max Allowable Pressure :			
19		Mfr & Model :		59		Min Required Pressure :			
20		Body / Bonnet Material :		60		Available Air Supply Pressure :	60 PSIG		
21		Liner Material / ID :		61		Max :	Min :		
22				62		Bench Range :			
23			63	Act Orientation :					
24	VALVE BODY / BONNET	Flange Face Finish :		64	Handwheel Type :				
25		End Ext / Material :		65	Air Failure Valve :	FTO / FTC	Set At :		
26		Flow Direction :		66					
27		Type of Bonnet :		67	Input Signal :				
28		Lub & Iso Valve :		68	Type :				
29		Packing Material :		69	Mfr & Model :				
30		Packing Type :		70	On Incr Signal Output Incr/Decr :				
31				71	Gauges :	Bypass :			
32		Type :		72	Cam Characteristic :				
33		Size :	Rated Travel :	73	Type :	Quantity :			
34	TRIM	Characteristic :		74	Mfr & Model :				
35		Balanced / Unbalanced :		75	Contacts / Rating :				
36		Rated Cv	FL	Xr	76	Actuation Points :			
37		Plug / Ball / Disk Material :		77					
38		Seat Material :		78					
39		Cage / Guide Material :		79	Mfr & Model :				
40		Stem Material :		80	Set Pressure :				
41				81	Filter :	Gauge :			
42				82					
43		SPECIALS/ACCESSORIES	NEC Class	Group	Div	83	Hydro Pressure :		
44					84	ANSI / FCI Leakage Class :			
45					85				
46					86				
47									
48					Rev	Date	Revision	Orig	App
49									
50									
51									
52									