

Sr. No.	Description	Qty (Nos.)
1	Solenoid Operated Valves Size: ND150 mm, Connection Type & Rating: RF Flanged 150lb Flow Rate: 1200m ³ /h, Fluid: Air, Operating pressure: -300mbar(g) Detailed specification as per attached specs sheet	02

Make: USA, Germany, Nutork, China or Equivalent.

Equivalent Make / Model can be quoted too.

Technical literature / Operation, maintenance & user manuals (where applicable) in English language must also be provided.

ISA FORM S20.55		Specification Sheet		Project		
Customer		2 WAY SOLENOID OPERATED VALVES				
Equipment						
Plant						
Requisition						
Contract No.						
GENERAL	1	Quantity	02 Nos.			
	2	Service	On/Off			
	3	Tag No.				
	4	Line No.				
	5	Line Size	Schedule	ND 150mm	Sch. 40s	
VALVE BODY	7	Type of Body	MFG REM			
	8	Body Size	Por. Size	MFG REM	ND 150mm	
	9	Guiding	No. of Ports			
	10	End Conn. & Rating	RF Flanged ANSI#150			
	11	Body Material	SS 316			
	12	Packing Material	PTFE			
	13	Lubricator	Isolating Valve			
	14	Bonnet Type	MFG REM			
	15	Trim Form	Quick opening			
	16	Trim Material Seat/Plug	SS 316			
	17	Shaft Material	SS 316			
ACTUATOR	18	Required Seat Thickness	ANSI IV			
	19	Bore Size	Full bore			
	20	Maximum allowable Sound Level	85 dBA			
	21	Model No. and size				
	22	Type of Actuator	Single Acting			
	23	Close at	Open at			
	24	Flow action to	MFG REM			
	25	Security position	CLOSE			
	26	Fail position	Closed			
	27	Hand wheel	Position	Yes	MFG	
	28	Filter & Regulator	Gauge	Yes	Yes	
SOLENOID	29	Air Supply Pressure	6 Bar			
	30	Power Supply	24 VDC			
	31	3 Way Valve	Universal Type			
	32	Style of Coil	MFG REM			
	33	Connection	1/4" NPT			
LIMIT SWITCH	34	Body Material	Stainless Steel			
	35	Conduit Connection	1/2" with Gland			
	36	Type	Quantity	Lever Arm	02 No.	
	37	Contacts	Rating	DPDT	2A @ 24V DC	
	38	Acting Points	Full Open Full Close			
SERVICE CONDITION	39	Enclosure Type/CSA Rating	Intrinsically Safe/FP 65			
	40	Fluid Unit	m ³ /hr			
	41	Fluid	Air			
	42	Flow Max / Min	1200			
	43	Operating Pressure	(- 300mbar(g))			
	44	Esurr. Min. dP / Max. dP				
	45	Valve Min. dP / Max. dP				
	46	Max T*	Oper. T*	80 °C		
	47	Spec. Gravity @ Oper. T*				
	48	Max. Viscosity @ Oper. T*				
	49	% Solids				
	50	Area Classification				
	51	Required CV				
	52	Valve CV				
	53	Installation Orientation	Horizontal line			

NOTES: 1. Coil must be rated for continuous service
2. Cable entry must be 1/2" NPT