

 INSTRUMENTATION LTD PALAKKAD		CONTROL VALVE				ILP/OR			
						RPR. Rev. no.		0	
						Spec Rev. no.		0	
General	1	Item no.	Tag no.	Qty.	Rev				
	2	Service							
	3	Inlet Pipe Size	Sch.	Thickness	#N/A	mm OD	0 Sch. #N/A mm		
	4	Outlet Pipe Size	Sch.	Thickness	#N/A	mm OD	0 Sch. #N/A mm		
Flow Details	5	Fluid	State				Vapour		
	6	Flow conditions			MINI	NOR	MAX		
	7	Flow rates	Kg/hr						
	8	% Flash	% Solids						
	9	Temperature oC							
	10	Inlet Pressure kg/cm2 [G]							
	11	Outlet Pressure kg/cm2 [G]							
	12	DP Sizing kg/cm2 [G]							
	13	DP Shut-off kg/cm²							
	14	Sp. Gravity / MW / Sp. Wt.							
	15	Cp/Cv	Comp. Factor	Pipe Factor				1.3	
	16	Viscosity		inches					
	17	Vapour Pr. /Critical Pr.		oC					
	18	Cavitation index							
	19	Characteristics		Rangeability					
	20	% Opening							
	21	Noise (dBA at 1m.)							
	22	Velocity		m/sec.					
	23	Mach No.							
	24	Calculated Cv							
	25	Cv Selected							
	Valve Details	26	Valve Model		Type of Body			GLOBE	
		27	Body Size		Port Size			inches	
		28	Rating	End Conn.	Flange Finish		# ANSI	RF 125AARH	
		29	Stroke, mm		Guiding		#N/A	#N/A	
30		Body Material							
31		Trim Material							
32		Bonnet							
33		Packing		Lub./Iso. Valve			NO		
34		Gasket							
35		Leakage Class							
Actuator	36	Model		Type			#N/A		
	37	Spring Range		Supply Pr.			kg/cm ² kg/cm ²		
	38	On Air Fail		Air to			Open Close		
	39	Hand Wheel		Location			No NA		
Positioner	40	Model		Type					
	41	Input		Direct/Reverse			Direct		
	42	By Pass		Gauges			No Yes, 2 Nos.		
Other Accessories			Rev				Rev		
	43	Air set with gauge		Yes	*1		44 Air Lock No		
	45	I/P Converter		No			46 LT Switch No		
	47	Sol. Valve		No			48 Pos. Trans. No		
	49	Vol.Booster		No			50 QE Valve No		
	51	Junction Box		No			52 Backup System No		
	53						54		
55						56			
Spl. Testing	57	IBR		Yes			58 Radiography No		
	59						60		
	61						62		
Others	63	Tubing/Size		SS	8 mm OD		64 PAINTING Std.		
Dimension	65	Face to Face, mm		-			66 Height, mm -		
Remarks							Design Pr.	kg/cm ²	
							Design Temp.	°C	
Enq. no. & dt.				Client			ILP/CDQ no.		
Plant/Proj.				PO no.			Prep. Date 12-Jul-23		