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									**Liquid**	
	6	Flow conditions					**MIN.**		**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/cm^2**									
	14	Sp. Gravity / MW / Sp. Wt.											
	15	Cp/Cv	Comp. Factor		Pipe Factor			-			-		-
	16	Viscosity		cP									
	17	Vapour Pr. /Critical Pr.		(kg/cm2 [a])									
	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								#N/A			
	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										
	42	By Pass	Gauges										

			Rev				**Rev**	
Other Accessories	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		No	58	Radiography		No
	59				60			
	61				62			
Others	61	Tubing/Size		SS316 8 mm OD	62	Painting		ILP Std.
Dimension	63	Face to Face, mm		-	64	Height, mm		-

Remarks

Design Pr.	**kg/cm^2**
Design Temp.	**^{o}C**

Enq. no. & dt.		**Client**		**ILP/CDQ no.**		
Plant/Proj.		**PO no.**		**Rev No**	**Date**	12-Jul-23