



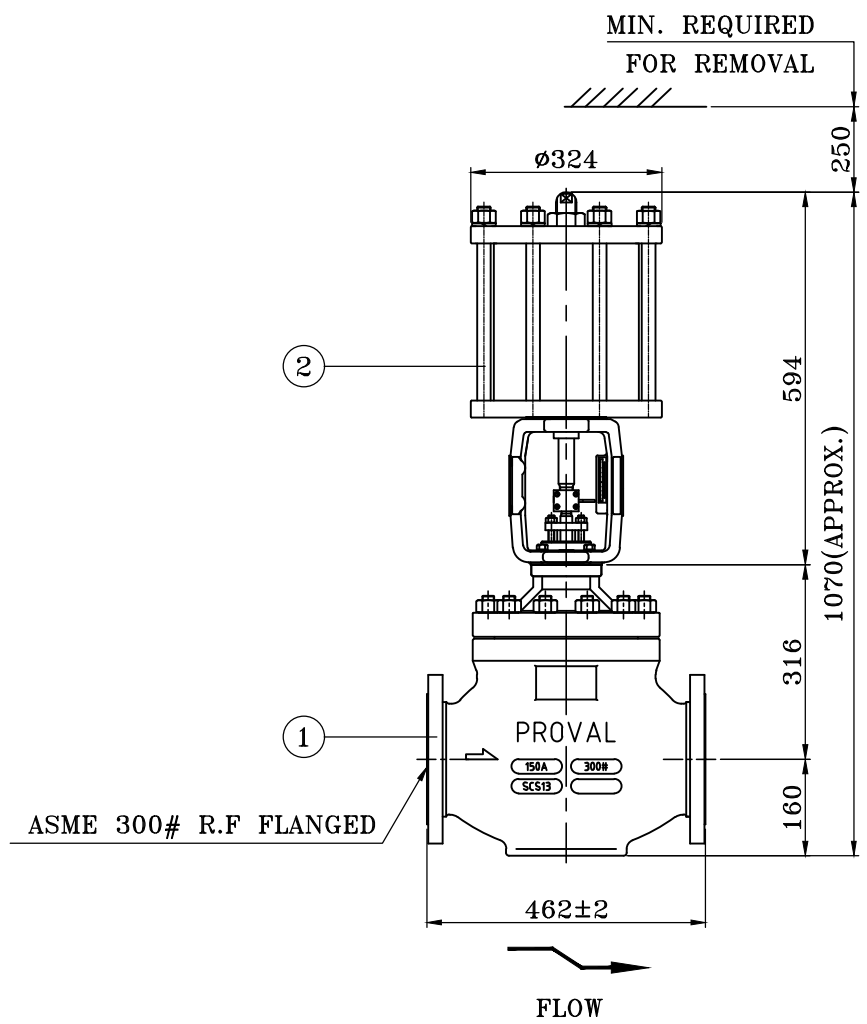
# VALVE DATA SHEET


Project			
Item	Pneumatic Shut-Off 2-Way Globe Valve	Sheet No.	1 OF 1
Service		P&ID No.	
Tag. No.		MFG. No.	
Model No.	YAC-11231	Q'ty (Set)	1

SERVICE CONDITIONS	1	Medium	Oxygen		Gas		ACTUATOR	46	Actuator Type	Single Acting Cylinder				
	2		Max. Q	Nor. Q	Min. Q			47	Model No.	C-250S				
	3	Flow Rate	kg/hr					48	Close At (bar G)	Open At (bar G)	2.0	3.5		
	4	Inlet Pressure	kgf/cm <sup>2</sup> G					49	Fail Position			Close		
	5	Outlet Pressure	kgf/cm <sup>2</sup> G					50	Hand-Wheel (Type / Location)			-		
	6	Differential Pressure	kgf/cm <sup>2</sup>					51	Painting Color (RAL No.)			RAL 5019		
	7	Inlet Temperature	°C					52	Painting Type			Polyurethane		
	8	Specific Gravity	G					I / P POSITIONER	53	Input Signal (mA DC)			-	
	9	Density	kg/m <sup>3</sup>						54	Output Pressure (bar G)			-	
	10	Molecular Weight	M.W						55	Type			-	
	11	Viscosity	cPs						56	Enclosure			-	
	12	Predicted SPL	dBA						57	Model No.			-	
	13	Calculated Cv							58	MFG.			-	
	14	Opening Lift	%						POSITION TRANSMITTER	59	Output (mA DC)			-
	15									60	Type			-
	16							61		Model No.			-	
DESIGN	17	Shut Off ΔP			kgf/cm <sup>2</sup> G		SOLENOID VALVE	62	Power	DC24V				
	18	Design Pressure			kgf/cm <sup>2</sup> G			63	Type	3-Way				
	19	Design Temp.			°C			64	Enclosure	ExdIICT6				
LINE	20	Inlet Pipe Size (B) / Sch. No.	150				LIMIT SWITCH	65	Model No.	ESV-S				
	21	Outlet Pipe Size (B) / Sch. No.	150					66	MFG.	PG				
BODY & TRIM	22	Body Type	Globe (2-Way)				AIR SET	67	Quantity	Close/Open				
	23	Body Size (B)	Port Size (B)	150	150			68	Type	SPDT				
	24	Trim Design	Guide	Quick-Change	Cage			69	Enclosure	ExdIICT6				
	25	Trim Type	Trim Seal Ring	Balanced	RTFE U-Seal			70	Model No.	SLP5130-AL				
	26	Rating & End Connection	ASME 300# R.F Flanged					71	MFG.	Qlight				
	27	Flange Facing	Spiral Serrated (125-250 AARH)					LOCK-UP VALVE	72	Supply Setting Pressure (bar G)	4.0			
	28	Material	Body	SCS13					73	Model No.	AR-1501			
	29		Trim (Plug / Seat)	SUS316 / RTFE				74	Signal Setting Pressure (bar G)	-				
	30		Stem	SUS316				75	Model No.					
	31		Bellows	-				SNAP-ACTING RELAY	76	Signal Setting Pressure (bar G)				
	32		Packing	PTFE					77	Model No.				
	33	Bonnet Type	Standard				ACCESSORY	78	Volume Booster	-				
	34	Trim Form	Quick-Open					79	Check Valve	-				
	35	Max.Allow Sound Level (dBA)	-					80	Air-Operated Valve	-				
	36	Required Seat Tightness	ANSI CLASS VI					81	Exhaust Valve	-				
	37	Rated Cv						82	Speed-Controller					
	38	Stroke	-					83						
	39	Flow Action To	Down					84						
	40	Painting Color (RAL No.)						85						
	NOTE	41	Painting Type					MISCELLANEOUS	86	Conduit Connection	Air Supply	PT.F 1/4"		
		42							87		Electrical	PF.F 1/2"		
		43							88	Water Seal	-			
		44							89	Tubing Material	316 SS			
		45							90					

0	2023-12-27	For Quotation			E. Y. J	H. S. L	S. S. H
	No.	Date	Revision			Prepared By	Checked By

- Tag No. : -



4	Air-Set		
3	Positioner		
2	Actuator		
1	Body	SCS13	
No.	Name Of Parts	Material	Remark
Model No.	YAC-11231	Size	150A
DWG. Name Pneumatic Shut-Off 2-Way Globe Valve			
DRAW'N	M.J Park	APP'D	J.S Noh
 <b>PROVAL Co.,Ltd.</b>		Date	2024.01.03
		Rev.	0
		Sheet No.	1 of 1