

FUJI FILTER KOREA CO., LTD.				VALVE DATA SHEET FOR DIPHRAGM VALVES										REV.
				REV.	DATE	DESCRIPTION	PREP'D	CHK'D	APPV'D					
				B	2020. 02. 04	FOR APPROVAL	M.S.CHAE	C.K.LEE	J.D.SEOL					
JOB NO : 15040		PAGE 1 OF 2		C	2020. 02. 27	FOR CONSTRUCTION	M.S.CHAE	C.K.LEE	J.D.SEOL					
PROJECT : HPC PROJECT				D	2020. 04. 22	FOR CONSTRUCTION	M.S.CHAE	C.K.LEE	J.D.SEOL					
CLIENT : HYUNDAI CHEMICAL				E	2020. 06. 04	FOR CONSTRUCTION	M.S.CHAE	C.K.LEE	J.D.SEOL					
DOC.NO. : VP-15040-MS209-012		PREP'D :		F	2020. 07. 03	FOR CONSTRUCTION	M.S.CHAE	C.K.LEE	J.D.SEOL					
GENERAL														
1	TAG NO.		M24-SOV-30101A-G				M24-SOV-50302A-B							
2	QUANTITY	P&ID NO.	7	-	2	-								
3	SERVICE		GF-M24-3001 BLOW BACK GAS INLET LINE				F-M24-5002 BLOW BACK GAS INLET LINE							
4	LINE SIZE	LINE SCHEDULE	1 1/2"	STD.	3/4"	STD.								
5	PIPE MATERIAL CLASS		HC22				HC22				E			
6	ENCLOSURE CLASS		-				-							
BODY & TRIM														
7	TYPE OF BODY		DIAPHRAGM				DIAPHRAGM							
8	BODY SIZE	PORT SIZE	1 1/2"	MFR. STD.	3/4"	MFR. STD.								
9	GUIDING	NO. OF PORTS	SIDE	SINGLE	SIDE	SINGLE								
10	END CONNECTION & RATING		NPT. F				NPT. F							
11	MAT'L	BODY	SEAT	AISI 316L	-	AISI 316L	-							
		STEM	GAUDE & CAGE	-	-	-	-							
		PACKING	PLUG/ BALL/ DISK	-	VITON	-	VITON							
12	TRIM FORM		-				-							
13	BONNET TYPE		-				-							
14	SEAT TIGHTNESS		-				-							
15	MAXIMUM ALLOWABLE SOUND LEVEL		-				-							
SOLENOID VALVE														
12	ENCL. CLASS		Ex 'd' IIC T4, IP65 & Ex 'td', IP65				Ex 'd' IIC T4, IP65 & Ex 'td', IP65				E			
13	ELEC. CONNECTION		1/2" NPT				1/2" NPT							
14	VOLTAGE		AC 120V				AC 120V							
15	MANUAL RESET		N/A				N/A							
PROCESS CONDITIONS														
16	OPERATING CASE													
17	FLUID	STATE	PROPYLENE GAS		GAS	NITROGEN		GAS						
			MAX	NOR	MIN	UNIT	MAX	NOR	MIN	UNIT				
18	FLOW RATE		-	44		m3/h	-	14	-	m3/h	D			
19	OPERATING PRESSURE		5	5	5	kg/cm2g	7.5	7	6.3	kg/cm2g	C			
20	DIFFERENTIAL PRESSURE		-	-	-	kg/cm2g	-	-	-	kg/cm2g				
21	TEMPERATURE		45	45	45	degC	38	38	38	degC	C			
22	REGULATED OPERATING PRESSURE						7.5				D			
23	% FLASH													
24	CALCULATED Cv													
25	RATED Cv													
26	MAXIMUM SHUT-OFF ΔP		8.5		kg/cm2		8.5		kg/cm2		D			
27	CRITICAL PRESSURE													
28	OPERATING VISCOSITY		0.01											
29	SUPERHEAT													
30	MOLECULAR WEIGHT	OPER. SP. GR.												
31	Cp/Cv	COMP. FACTOR (Z)												
MANUFACTURER														
32	MANUFACTURER													
33	MODEL NO.													
NOTES:														
1. TBD : To be decided														