



(주) 맥시스
Mechanical and Fluid Control Systems

DATA SHEET

DATE : 2021-07-26

CUSTOMER : -

REVISION : 1

ORDER CODE : MCBAY-150A-1-277-3-15-1-0

PART NO : PNEUMATIC BUTTERFLY

GENERAL

1	TAG NO.		
2	QUANTITY	P & ID NO.	
3	LINE SIZE	LINE SCHEDULE	
4	SERVICE		
5	ENCLOSURE		

N/A

BODY & TRIM

6	TYPE OF BODY		V-NOTCL BALL VALVE
7	BODY SIZE	PORT SIZE	6"
8	END CONNECTION & RATING		JIS 10K
9		BODY	A351-CF8
10	MATERIAL	BALL	A351-CF8 + Hcr
11		SEAT	A182-F304 + STL

ACTUATOR

12	TYPE OF ACTUATOR	PNEUMATIC ROTARY R&P
13	ACTUATOR MODEL	AT601U (S10) / AIR TORQUE
14	ACTION	AIR TO OPEN (CCW)
15	FAIL POSITON	CLOSE (CW)
16	AIR SUPPLY PRESSURE (Bar)	5 Bar

SOLENOID & LIMIT SWITCH

17	MODEL NO.	LSB-7
18	Explosion proof	Ex d
19	IP GRADE	IP67
20	CONDUIT	TBA
21	POWER	TBA
22	COIL INSULATING CLASS	F

AIR SET

23	MODEL NO.	MC22N10S010
24	PNEU. CONN.	1/4" NPT
25	FILTER	5 MICRON

PROCESS CONDITIONS

26	FLUID	
27	FLOW RATE UNIT	STATE
28	FLOW RATE	M3/hr
29	INLET PRESSURE	Kg/cm2
30	OUTLET PRESSURE	Kg/cm2
31	TEMPERATURE	℃
32	MAX. SHUT OFF ΔP	Kg/cm2
33	VISCOSITY	
34	CALCULATED Cv	
35	MODEL NO.	

N/A

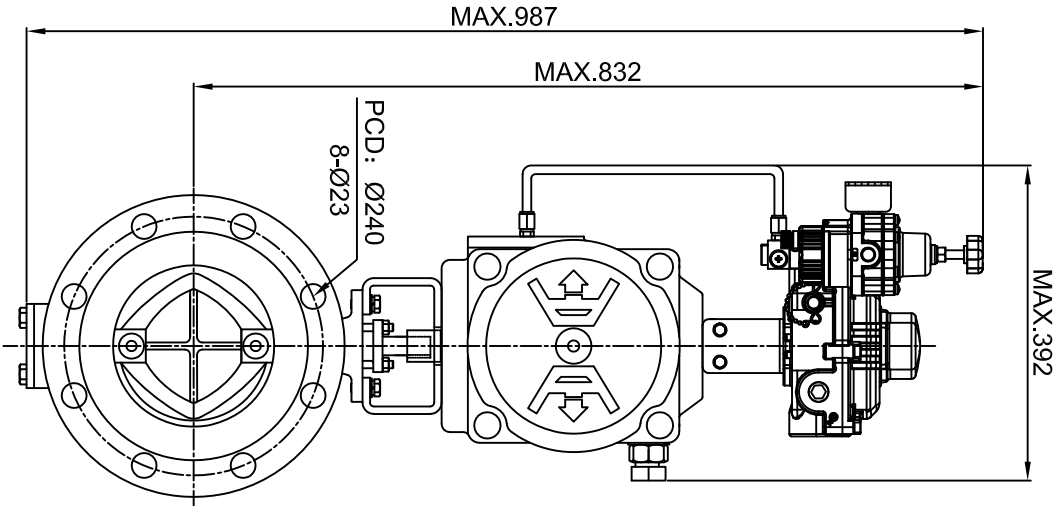
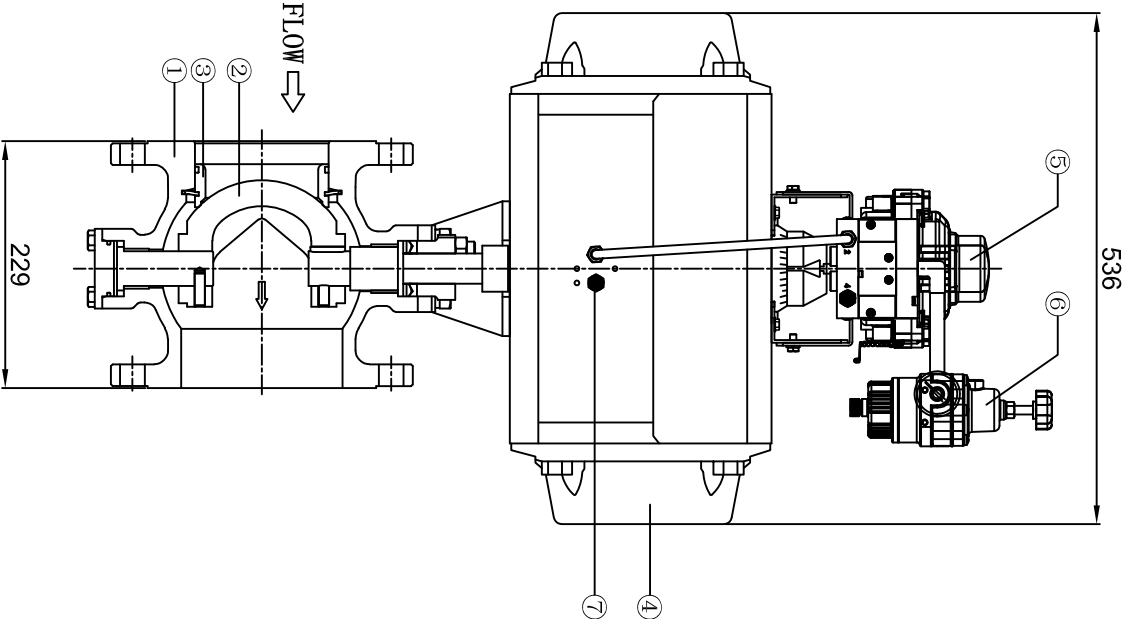
NOTE:

* FITTING & TUBING : STAINLESS STEEL

REVISION :

- 1 : ACTUATOR MAKER : AIR TORQUE 적용

REVISIONS					
REV.NO.	DATE	DESCRIPTION	DESIGN	CHK'D	APP'D
	2021/07/26	FOR APPROVAL	Fang.Zhang	ML.KWON	DJ.JUN



PART LIST			
NO.	PART NAME	QTY	MAT'L / MODEL
1	BODY	1	A351 CF8
2	BALL	1	A351 CF8+Hcr
3	SEAT	1	A182 F304+STL
ACCESSORY			
4	ACTUATOR	1	AT601U (S10)
5	SOLENOID & LIMIT SWITCH	1	LSB-7
6	AIR SET	1	MC-22N10S010
7	SILENCER	3	
NOTE			

Size: ☐ 50A ☐ 80A ☒ 150A

Rating: ☒ JIS 10K ☐ JIS 20K

☐ ANSI 150# ☐ ANSI 300#

1. Connection: Flange
2. Actuator: Single acting(PACK&PINION)
 - Air fail action: Close
 - Signal fail action: Close
3. Function: ON-OFF type
4. Installation status: Horizontally type

mesys® Mechanical and Fluid Control System					
TITLE: V-NOTCH BALL ON-OFF					
SIZE	150A	VIEW		DWG NO.:	
RATING	JIS 10K	SCALE	N/S	MCBAV-150A-1-277-3-15-1-0-R-0	
MAT'L		REV. NO		SH. NO	1/1