

PLASTIC BUTTERFLY VALVE – DOUBLE ACTING

● Fluid Temperature and Range of Corrosion Resistance

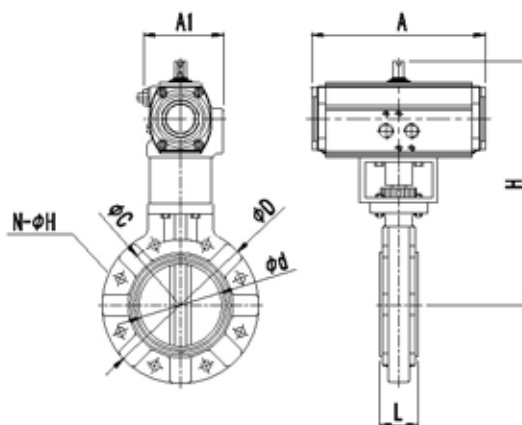
	Fluid Temperature (°C)								Range of Corrosion Resistance							
	-40	-20	-10	60	90	100	105	120~140	Weak Acid	Strong Acid	Oxidative Acid	Mixed Acid	Weak Alkali	Strong Alkali	Organic Solvent	Erosive Gas
Natural Rubber	△	○	○	△	X	X	X	X	○	X	X	X	○	△	X	V
Synthetic Rubber	△	○	○	○	X	X	X	X	○	△	X	△	○	○	△	△
CR, NBR	△	○	○	○	X	X	X	X	○	△	X	△	○	○	△	△
EPDM, FPM	○	○	○	○	○	△	X	X	○	△	△	○	○	○	△	△
PTFE	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

※ ○ : Usable △ : According to Circumstances X : Unfit

● Specification

Valve Size	50A ~ 400A	
Actuator Model	AD50 ~ AD160	
Actuator Type	Double Acting	
Operating Media	Compressed Dry Air	
Operating Pressure	4 ~ 7kg/cm ²	
Rotating Angle	90° ± 5°	
Fluid Temperature	-10°C ~ 90°C (-40°C ~ 140°C)	
Rating	JIS 10K	ANSI 150#
Body Material	PP, C-PVC, PVDF	
Accessory	Solenoid Valve, Limit Switch Box, Air filter Regulator, E/P Positioner	

※ () Option



● Dimension

(mm)

Model	Size		A	A1	H (Approx)	L	END CONNECTION(JIS 10K WAFER)			
	mm	Inch					Ød	ØD	ØC	N-ØH
AD50-50BF	50A	2"	162	75	284	42	59	165	120	4-19
AD50-65BF	65A	2-1/2"	162	75	298	46	70	185	140	4-19
AD65-80BF	80A	3"	202	89	338	46	79	200	150	8-19
AD65-100BF	100A	4"	202	89	363	56	103	229	175	8-19
AD80-125BF	125A	5"	262	101	411	66	130	254	210	8-23
AD80-150BF	150A	6"	262	101	438	73	151	285	240	8-23
AD100-200BF	200A	8"	311	129	558	94	203	340	290	12-23
AD100-250BF	250A	10"	311	129	660	111	255	406	355	12-25
AD125-300BF	300A	12"	390	151	747	131	311	484	400	16-25
AD140-350BF	350A	14"	431	164	771	134	348	520	445	16-25
AD160-400BF	400A	16"	506	189	932	174	398	600	510	16-27