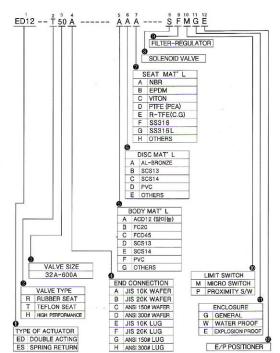
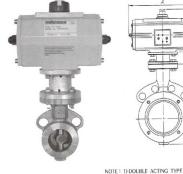
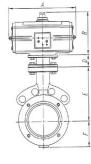
# PNEUMATIC BUTTERFLY VALVE

## (ORDERING INFORMATION)



H · P BUTTERFLY VALVE - WAFER (DOUBLE ACTING ACTUATOR)







2) ACC'Y OPTION: SOLENOLD VALVE, LIMIT S/W BOX, AIR SET \* \* DIMENSION / STANDARD MODEL

#### Specifications -Actuator

tem	ee	at	in	p.	

rotation

· materials

· finish · service life

-Valve Material

casing: aluminium alloy shaft : high-grade aluminium | ED 65 2-component polyurethan one million operations. minimum

0.2to 10 bar

-20°c to +80°c

91.5°c (0.5°cw to 91°ccw)

PD1600

PD2500

450A 516

500A

378

PART NAME	MATERIAL
BODY	DUCTILE IRON
DISC	SCS 13
STEM	SUS 304
SEAT	R-TFE
CONNECTION	JIS 10K WAFER
MAX. TEMP.	200°C

	+ + Dinizitoro	,								_
-[	MODEL	SIZE	Α	В	С	D	Е	F	L	P.0
		S 12 C C C C C C C C C C C C C C C C C C				1.5			_	-

MODEL	SIZE	Α	В	C	D	E	F	L	P.C.D
ED 40	50A	180	113	96	60	130	56	45	120
ED 40	65A	180	113	96	60	135	65	48	. 140
ED 65	80A	199	125	107	60	140	80	50	150
FD 65	100A	199	125	107	60	160	95	56	175

10	ED 100	125A	221	138	117	60	180	110	63	210
	ED 200	150A	283	163	137	80	235	120	69	240
	ED 200	200A	283	163	137	80	265	155	84	290
	ED 350	250A	305	201	182	80	305	215	93	355
	ED 600	300A	387	250	217	120	335	250	100	400
	ED 950	350A	424	289	241	120	370	260	117	445
	ED 950	400A	424	289	241	120	395	325	120	510

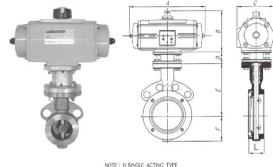
386

440 345 123 565

150

358 150 470 390 125 620

H · P BUTTERFLY VALVE - WAFER (SPRING RETURN ACTUATOR)



NOTE: I) SINGLE ACTING TYP

2) ACC'Y OPTION: SOLENOLD VALVE, LIMIT S/W BOX, AIR SET \*\* DIMENSION / STANDARD MODEL

# Specifications -Actuator

- Actuato
- pressure 0.2to 10 bar
   temperature -20to to +80to
- rotation 91.5°c (0.5°cw to 91°ccw)
   materials casing : aluminium alloy
- shaft : high-grade alumini alloy • finish 2-component polyurethan
- service life one million operations, minimum

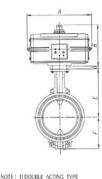
# -Valve Material

LAU I MAINE	MATERIAL
BODY	DUCTILE IRON
DISC	SCS 13
STEM	SUS 304
SEAT	R-TFE
CONNECTION	JIS 10K WAFER
MAX. TEMP.	200°C

	MODEL	SIZE	Α	В	С	D	E	F	L	P.C.
	ES 40	50A	204	113	96	60	130	56	45	120
	ES 40	65A	204	113	96	60	135	65	48	140
)	ES 65	80A	249	125	107	60	140	80	50	150
nium	ES 100	100A	267	138	117	60	160	95	56	175
ine	ES 200	125A	360	163	137	60	180	110	63	210
110	ES 200	150A	360	163	137	80	235	120	69	240
	ES 350	200A	387	201	182	80	265	155	84	290
	ES 600	250A	477	250	217	80	305	215	93	355
	ES 950	300A	517	289	241	120	335	250	100	400
	ES1600	350A	637	327	275	120	370	260	117	445
	ES1600	400A	637	327	275	120	395	325	120	510
	PS2500	450A	570	386	358	150	440	345	123	565
	PS2500	500A	570	386	358	150	470	390	125	620

BUTTERFLY VALVE - WAFER (DOUBLE ACTING ACTUATOR)







56

60 290

2) ACC'Y OPTION: SOLENOLD VALVE, LIMIT S/W BOX, AIR SET DIMENSION / STANDARD MODEL

#### Specifications -Actuator

· oressure temperature

 rotation · materials

shaft: high-grade aluminium alloy · finish 2-component polyurethane

casing : aluminium alloy

MATERIAL

FD 65

ED 100

FD 200

ED 200

FD 350

FD 600

ED 950

ED 950

FD1600

PD2500

100A 199 125 107 60 200 114 52

1254 221 138

150A 283

200A 283

250A

300A 387 250

350A 424 289 241 120 368 267 78 445

400A 424 289 241 120 400 309 102

450A

500A 378 386 358 150 480 361

· service life one million operations. minimum

#### -Valve Material PART NAME

BODY	DUCTILE IRON	
DISC	SCS 13	
STEM	SUS 304	
SEAT	EPDM	
CONNECTION	JIS 10K WAFER	
MAX, TEMP.	120°0	

	# # DINENSION / STANDARD MODEL										
ins	MODEL	SIZE	Α	В	С	D	Е	F	L	P.C.D	
0.2to 10 bar -20to to ±80to	ED 40	50A	180	113	96	60	161	80	43	120	
	ED 40	65A	180	113	96	60	175	89	46	140	
91.5c (0.5°cw to 91°ccw)	FD 65	80A	199	125	109	60	181	95	46	150	

163 137 80 260

201 182 8n 292 203 68 355

327

109 RO 181 95 46

137 80 226 139 56 240

6n

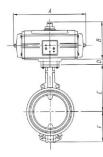
120

150 422 328 114 565

337 242 78 400

BUTTERFLY VALVE - WAFER (SPRING RETURN ACTUATOR)







NOTE: 1) SINGLE ACTING TYPE 2) ACC'Y OPTION: SOLENOLD VALVE, LIMIT S/W BOX, AIR SET

### Specifications

-Actuator

pressure 0.2to 10 bar
 temperature -20°c to +80°c

rotation 91.5c (0.5'cw to 91"ccw)
 materials casing : aluminium alloy shaft : high-grade alumini alloy

-Valve Material

PART NAME	MATERIAL
BODY	DUCTILE IRON
DISC	SCS 13
STEM	SUS 304
SEAT	EPDM
CONNECTION	JIS 10K WAFER
MAX TEMP	120%

#### 2) ACC'Y OPTION: SOLENOLD VALVE, LIMIT S/W BOX, AIR SE \*\* DIMENSION / STANDARD MODEL

MODEL	SIZE	A	В	C	D	E	F	L	P.C.D
ES 40	50A	204	113	96	60	161	80	43	120
ES 40	65A	204	113	96	60	175	89	46	140
ES 65	80A	249	125	109	60	181	95	46	150
ES 100	100A	267	138	117	60	200	114	52	175
ES 200	125A	360	163	137	60	213	127	56	210
ES 200	150A	360	163	137	80	226	139	56	240
ES 350	200A	387	201	182	80	260	175	60	290
ES 600	250A	477	250	217	80	292	203	68	355
ES 950	300A	517	289	241	120	337	242	78	400
ES1600	350A	637	327	275	120	368	267	78	445
ES1600	400A	637	327	275	120	400	309	102	510
PS2500	450A	570	386	358	150	422	328	114	565
PS2500	500A	570	386	358	150	480	361	127	620