BUTTERFLY VALVE TYPE58

- 50% LIGHT WEIGHT COMPARED TO 700MM PDCPD LARGE SIZE BUTTERFLY VALVE
- FACE TO FACE DIMENSION COMPLIANT WITH INTERNAL ISO (ISO 5752) SHORT STANDARD
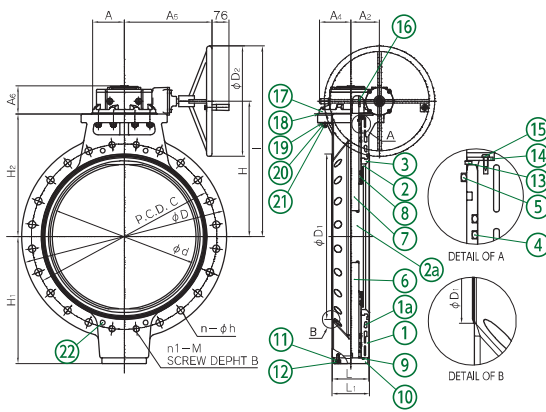- ASSEMBLED WITH 700MM PP DISC OR PVDF DISC FOR EXCELLENT RESISTANCE TO CORROSION

MANUAL

BASIC SPECIFICATIONS

VALVE TYOE	BUTTERFLY VALVE TYPE58	
SIZE	700mm	
BODY MATERIAL	PDCPD	
SEAL MATERIAL / SEAT	EPDM FKM NBR	
CONNECTION / WAFER	JIS10K、DIN、ANSI	

	FLUID TEMPERATURE	MAXIMUM WORKING PRESSURE (NORMAL TEMPERATURE) MPa {Kgf/cm2}
PDCPD (700mm)	- 20℃ - 80℃	0.75 {7.7}

NOTE The maximum working pressure is the value including the water hammer pressure. Be careful that the maximum working pressure is not exceeded during use.
* Concerning the allowable pressure for each temperature and material, see the technical documents at the end of this catalog.

PARTS LIST MANUAL

PART NO. / NAME	QTY	MATERIAL
① BODY	1	PDCPD
①a BODY INSERT	2	SCS13
② DISC	1	PP、PVDF
⑧ BUSH	2	PP、PVDF
②a DISC INSERT	1	EPDM、FKM、NBR
③ SEAT	1	EPDM、FKM、NBR
④ O-RING (A)	16	EPDM、FKM、NBR
⑤ O-RING (B)	1	EPDM、FKM、NBR
⑨ O-RING (C)	1	EPDM、FKM、NBR
⑱ GASKET	1	EPDM、FKM、NBR
⑥ STEM (B)	1	SUS403、SUS316
⑦ STEM (A)	1	SUS403、SUS316

PART NO. / NAME	QTY	MATERIAL
⑩ STEM HOLDER (B)	1	ABS
⑪ WASHER (A)	4	SUS304
⑫ BOLT (A)	4	SUS304
⑬ C-SHAPED STOP RING	1	SUS304
⑭ STEM HOLDER (A)	1	ABS
⑮ TAPPING SCREW	4	SUS304
⑯ KEY	1	S45C
⑰ GEAR BOX	1	FC250 (POLYURETHANE PAINT)
⑲ WASHER (B)	8	SUS304
⑳ NUT	8	SUS304
㉑ BOLT (B)	8	SUS304
㉒ CAP	8	EPDM

GEAR BOX MODEL CODE:AB1950N PR4
OPEN/CLOSE ROTATION:55

SPECIFICATION LIST

LEVER TYPE	SIDE GEAR TYPE	TOP GEAR TYPE
—	◯	—

CHAIN TYPE	LONG STEM TYPE	FLOAT TYPE	WITH LIMIT SWITCH
—	—	—	—

* For other specifications, contact our sales office in your area.

PRODUCT MODEL CODE LIST AUTOMATIC

ACTUATION	TYPE	OPERATING SYSTEM	BODY	SEAL MATERIAL	CONNECTION	STANDARD	SIZE	DISC PVDF
V	58	SG	D	*	W	*	700	01M

ACTUATION	TYPE	OPERATING SYSTEM	BODY	SEAL MATERIAL	CONNECTION	STANDARD	SIZE	DISC PVDF
V MANUAL VALVE	58 TYPE 58	SG SIDE GEAR TYPE	D PDCPD	E EPDM / V FKM / N NBR	W WAFER	1 JIS10K / W - / D DIN / A ANSI	700 700mm	Used when the disc material is PVDF.

MANUAL — BUTTERFLY VALVE TYPE58

TYPE——V58SGD
CONNECTION / WAFER——JIS, DIN, ANSI

■ JIS, DIN (Unit: mm)

mm	d	D	D1	D2	L	L1	H	I	H1	H2	A	A2	A4	A5	A6	JIS10K C	JIS10K h	JIS10K N NO. OF TOTAL HOLE	JIS10K THRU HOLE	JIS10K n1 NO. OF FITTING USED [ONE SIDE/TOTAL]	JIS10K M	JIS10K B	WATERWORKS (JIS B2062) C	h	N NO. OF TOTAL HOLE	THRU HOLE n	DIN PN10 C	h	N NO. OF TOTAL HOLE	THRU HOLE n	n1 NO. OF FITTING USED [ONE SIDE/TOTAL]	M	B
700	670	925	750	500	165	169	613	863	574	555	142.5	130	140	397.5	127	840	33	24	20	[4]/8	M30	28	–	–	–	–	840	30	24	20	[4]/8	M27	28

■ ANSI (Unit: inch)

inch	mm	d	D	D1	D2	L	L1	H	I	H1	H2	A	A2	A4	A5	A6	ANSI CLASS 150 C	h	N NO. OF TOTAL HOLE	THRU HOLE n	n1 NO. OF FITTING USED [ONE SIDE/TOTAL]	M	B
28	700	26.38	36.42	29.53	19.69	6.50	6.65	24.13	33.98	22.60	21.85	5.61	5.12	5.51	15.65	5.00	34.00	1.38	28	24	[4]/8	1 1/4-7UNC	1.10