

BUTTERFLY VALVE TYPE 75 450mm - 600mm(18inch - 24inch)

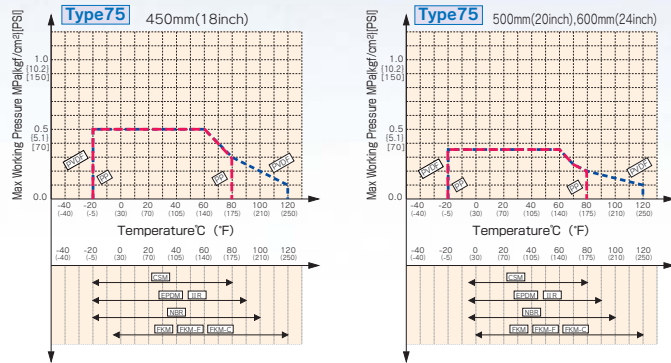
● 450mm(18inch) - 600mm(24inch)

SPECIFICATIONS

Body material	Nominal size mm(inch)	Working Temperature °C (°F)	Max. Working Pressure (at R.T.) MPa{kgf/cm ² }[PSI]		
			450mm(18inch)	500mm(20inch)	600mm(24inch)
PP	450 - 600(18 - 24)	-20 - 80(-5 - 175)	0.5 {5.1}[73]	0.35{3.6}[51]	0.35{3.6}[51]
PVDF	450 - 600(18 - 24)	-20 - 120(-5 - 250)	0.5 {5.1}[73]	0.35{3.6}[51]	0.35{3.6}[51]

※R.T...Room Temperature

WORKING PRESSURE VS. TEMPERATURE



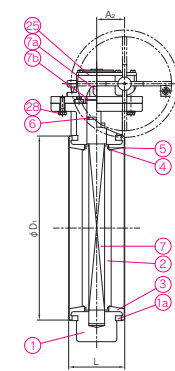
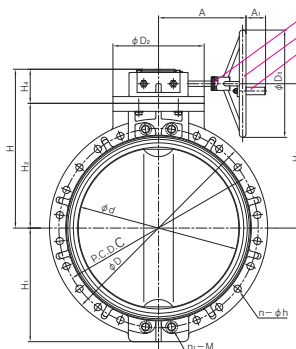
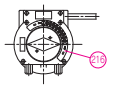
PARTS & MATERIALS

No.	DESCRIPTION	Pcs.	MATERIAL	No.	DESCRIPTION	Pcs.	MATERIAL
①	BODY	1	BODY / DISC PP / PP	⑭	SNAP RING	1	STAINLESS STEEL(SUS304)
②	DISC	1	PP / PP	⑮	GEAR BOX	1	CAST IRON(FC250)etc.
③	SEAT	1		⑯	BOLT(C)	4	STAINLESS STEEL(SUS304)
④	O-RING(A)	2	EPDM	⑰	HANDLE(C)	1	CAST IRON(FC250)
⑤	O-RING(B)	2	FKM	⑱	HANDLE GRIP	1	NYLON etc.
⑥	O-RING(C)	1	others	⑲	SPRING PIN	1	STAINLESS STEEL(SUS304)
⑦	STEM	1	STAINLESS STEEL(SUS403)	⑳	SCALE PLATE	1	STAINLESS STEEL(SUS304)
⑧	KEY(A)	1	CARBON STEEL(S45C)	㉑	RING	2	CHROMIZED STEEL(SS400) with Epoxy Powder Coat.

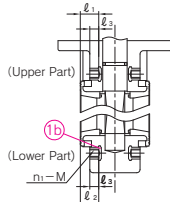
1) Used only for JIS 10K.

Option

Long stem type and chain drive type are available on special request.



● Detail of Inserted Nuts



DIMENSIONS TABLE

Nominal Size	mm	inch	M	BOLT HOLES n	Q'TY OF INSERTED NUT			l ₁	l ₂	l ₃
					UPPER	LOWER	TOTAL(2×n1)			
450	18		M24	16	2×2	2×2	8	49	54	24
500	20		M24	16	2×2	2×2	8	49	59	24
600	24		M30	20	2×2	2×2	8	64	64	30

JIS		Unit:mm																		Number of handle rotation	GEAR BOX TYPE			
Nominal Size	d	JIS 10K						D			D ₁	D ₂	D ₃	L	H	H ₁	H ₂	H ₄	H ₅			A	A ₁	A ₂
mm	inch	C	n	h	n ₁	M	PP	PVDF																
450	18	452	565	16	27	4	M24	633	630	525	340	400	179	497	315	370	127	443	326	75.5	104.5	13.75		
500	20	502	620	16	27	4	M24	683	680	575	340	400	190	527	350	400	127	473	326	75.5	104.5	13.75	AB1250N	
600	24	603	730	20	33	4	M30	793	790	686	340	400	209	592	424	465	127	538	326	75.5	104.5	13.75		

DIN		Unit:mm																		Number of handle rotation	GEAR BOX TYPE		
Nominal Size	d	DIN 2501 PN10						D			D ₁	D ₂	D ₃	L	H	H ₁	H ₂	H ₄	H ₅			A	A ₁
mm	inch	C	n	h	PP	PVDF																	
450	18	452	565	20	26	633	630	525	340	400	179	497	315	370	127	443	326	75.5	104.5	13.75			
500	20	502	620	20	26	683	680	575	340	400	190	527	350	400	127	473	326	75.5	104.5	13.75	AB1250N		
600	24	603	725	20	30	793	790	686	340	400	209	592	424	465	127	538	326	75.5	104.5	13.75			

ANSI		Unit:mm																		Number of handle rotation	GEAR BOX TYPE		
Nominal Size	d	ANSI Class150						D			D ₁	D ₂	D ₃	L	H	H ₁	H ₂	H ₄	H ₅			A	A ₁
inch	mm	C	n	h	PP	PVDF																	
18	450	17.80	22.75	16	1.25	24.92	24.80	20.67	13.39	15.75	7.05	19.57	12.40	14.57	5.00	17.44	12.83	2.97	4.11	13.75			
20	500	19.76	25.00	20	1.25	26.89	26.77	22.64	13.39	15.75	7.48	20.75	13.78	15.75	5.00	18.62	12.83	2.97	4.11	13.75	AB1250N		
24	600	23.74	29.50	20	1.38	31.22	31.10	27.01	13.39	15.75	8.23	23.31	16.69	18.31	5.00	21.18	12.83	2.97	4.11	13.75			