

ASAHI VALVE AND PIPING SYSTEMS

ASAHI AV VALVES

BUTTERFLY VALVE TYPE 56 400mm(16inch)



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Option

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

FEATURES

Step Further to All Plastic

TYPE 56 with lever operator butterfly valve which metal parts are reduced as much as possible.

Easy Transformation of Operation Devices

Application of modular design on top flange provides the valve with flexible and easy change of operation types, from lever to gear and from manual to automatic and so on.

Excellent Handling and Safety

Application of newly innovative locking device(patent pend-ing)for lever type gives the valve opening degrees by 19 levels.

And also handle lever with locking hole provides one solution against wrong handle operation.

Handle Lever with Flexibility of Mounting Direction

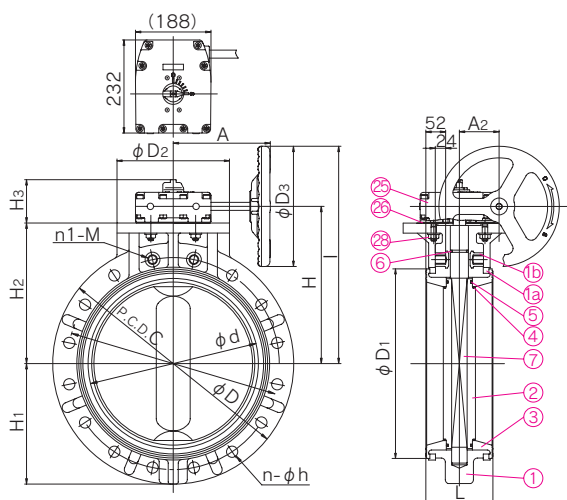
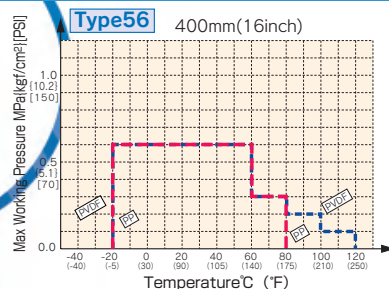
Symmetric design on top flange offers easy change of handle lever mounting direction at working site.

SPECIFICATIONS

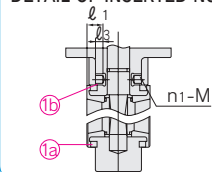
Body material	Nominal size mm(inch)	Working Temperature °C (°F)	Max.Working Pressure (at R.T.) MPa[kgf/cm ²][PSI]
			400mm(16inch)
PP	400(16)	-20 - 80(-5 - 175)	0.6 {6.1} [87]
PVDF	400(16)	-20 - 120(-5 - 250)	0.6 {6.1} [87]

※R.T. ... Room Temperature

WORKING PRESSURE VS. TEMPERATURE



DETAIL OF INSERTED NUTS



NOM. SIZE	M	BOLT HOLES n	Q'TY OF INSERTED NUT	UPPER	TOTAL (2×n1)	ℓ ₁	ℓ ₃
mm	inch						
400	16	M24	14	2×2	4	46	24

※JIS 10K 400mm(16inch) only

PARTS & MATERIALS

No.	DESCRIPTION	Pcs.	MATERIAL	No.	DESCRIPTION	Pcs.	MATERIAL
①	BODY	1	BODY/DISC PP/PP PVDF/PVDF	⑥	O-RING(C)	1	EPDM,FKM,OTHERS
②	DISC	1		⑦	STEM	1	STAINLESS STEEL(SUS403)
③	STEM SEAT	1	EPDM,FKM,OTHERS	⑮	GEAR BOX	1	PLASTIC etc.
④	O-RING(A)	2	EPDM,FKM,OTHERS	⑯	BOLT (C)	1	STAINLESS STEEL304
⑤	O-RING(B)	2	EPDM,FKM,OTHERS	⑰	RING ¹⁾	2	STEEL(SS400)
				⑱	INSERTED METAL OF BODY ²⁾	4	COPPER ALLOY(C3604)

Note: 1) Used for PP body: with epoxy powder coat
2) Used for JIS 10K400mm(16inch)

DIMENSIONS TABLE

DIN																		Unit:mm
Nominal Size		d	DIN PN 10			D	D ₁	D ₂	D ₃	L	H	H ₁	H ₂	H ₃	I	A	A ₂	Number of handle rotation
mm	inch		C	n	h													
400	16	406	515	16	26	600	470	235	300	169	390	300	350	108	540	242	99.2	9.5

ANSI																		Unit:inch
Nominal Size		d	ANSI Class 150			D	D ₁	D ₂	D ₃	L	H	H ₁	H ₂	H ₃	I	A	A ₂	Number of handle rotation
inch	mm		C	n	h													
16	400	15.98	21.25	16	1.12	23.62	18.50	9.25	11.81	6.65	15.35	11.81	13.78	4.25	21.26	9.53	3.91	9.5

