PO8-WT

PO8-W SERIES:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE

PO8-WT Series:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE WITH LONG STEM

DESCRIPTION

The wafer type butterfly valve can be installed with extended long-long stem as per customer's site situation.

The long stem end can be equipped with manual handlever, gear operator, pneumatic actuator and electric actuator,to achieve 0~90° rotary operation and kinds of control ways.

The length of extended long stem can be decided by customer's requirements. Please consult with POV team.

ORDERING CODE

PO 8 □ 7 □ — 1 □ □ □ — W T —

Actuator Type	
1	Manual
6	Pneumatic
7	Hydraulic
9	Electric

Seal Material	
2	EPDM
3	NBR
4	PTFE
V	VITON
H	HYPALON
Q	SILICON RUBBER
P	POLYURETHANE
F	Others

Body Material	
2	Ductile Cast Iron
3	A216 WCB
A	A351 CF8 / SS304
B	A351 CF8M / SS316
C	A351 CF3M / SS316L
E	Duplex S.S. 2205
F	Others

Disc Material	
2	DI c/w Nickel Coated
3	A216 WCB
A	A351 CF8 / SS304
B	A351 CF8M / SS316
C	A351 CF3M / SS316L
D	Duplex S.S. 2507
E	Duplex S.S. 2205
G	Super S.S. 1.4529
K	B148 C95400
N	B148 C95800
H	Halar Coated
R	Rubber Coated
L	Nylon Coated
F	Others

Pressure Rating	
2	PN10
3	PN16
A	CLASS150LB
E	JIS 5K
F	JIS 10K

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Actuation Type	
M	Manual Handlever
G	Manual Gear operator
E	Electric POE Actuator
Q	Electric POQ Actuator
Z	Electric POZ Actuator
P	Pneumatic Rack&Pinion Actuator
H	Hydraulic Actuator

Fail Position	
D	Fail Stay
O	Fail Open
C	Fail Close

Explosion-Proof Grade	
0	NA
1	EXd II CT6
2	EXd II CT5
3	EX ia IICT6

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Accessory	
BLANK	NA
L	Limit Switch

Accessory	
BLANK	NA
S	Solenoid Valve

Accessory	
BLANK	NA
A	Air Set

Accessory	
BLANK	NA
D	Declutchable Gear

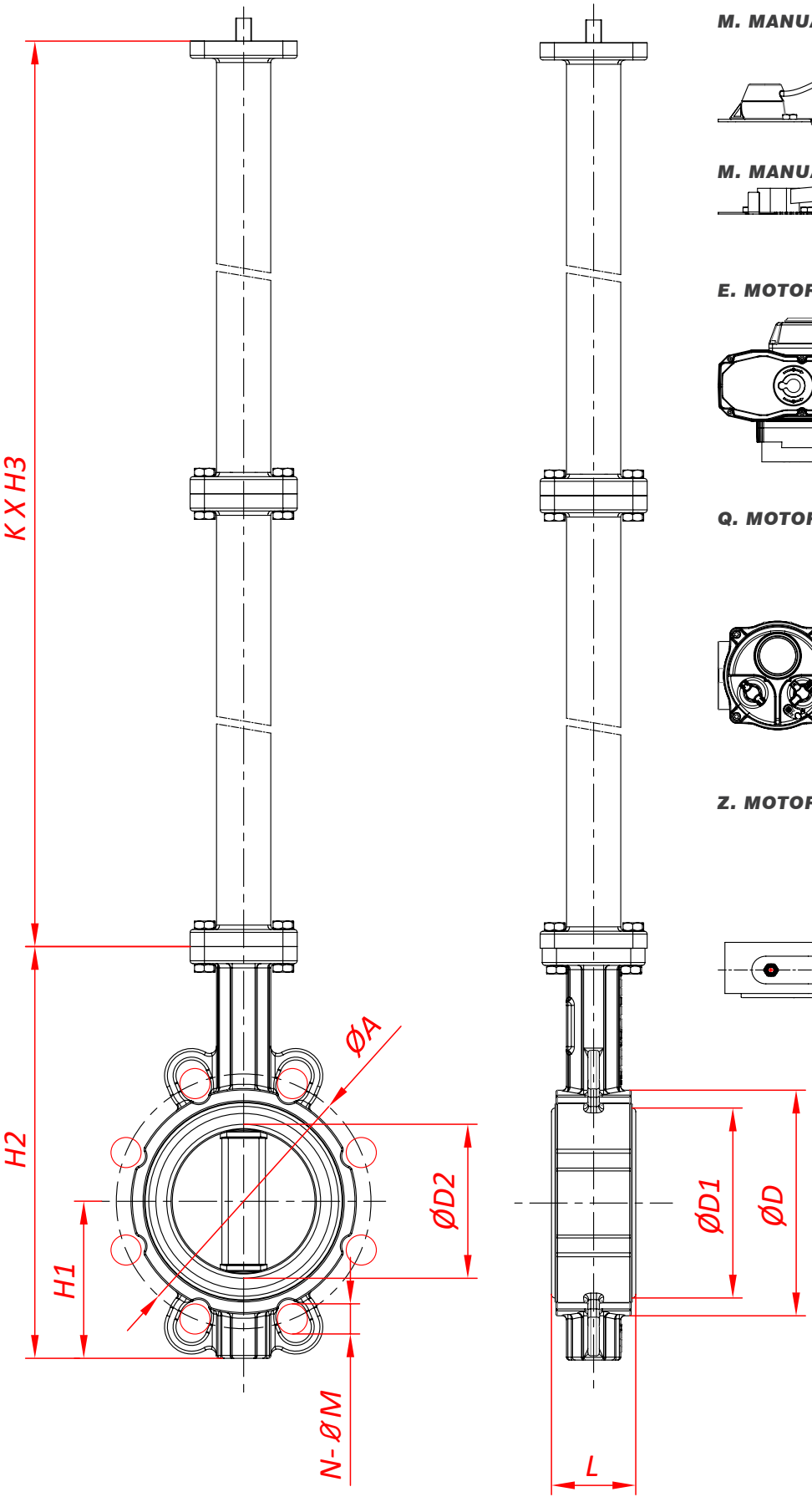
Accessory	
BLANK	NA
M	Mechnical Positioner
I	Intelligent Positioner

SOFT SEATED BUTTERFLY VALVE

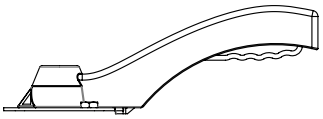
PO8–WT

PO8-WT Series:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE WITH LONG STEM

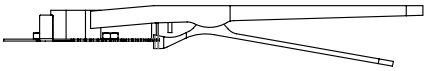
DIMENSIONS



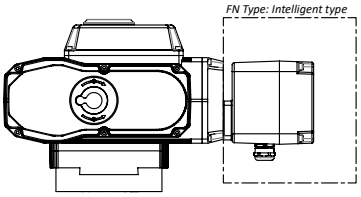
M. MANUAL HANDLEVER - ALU ALLOY



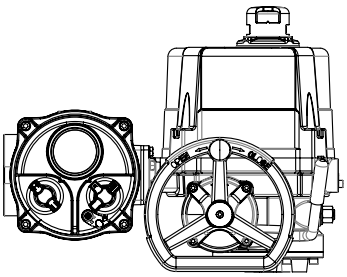
M. MANUAL HANDLEVER - MILD STEEL



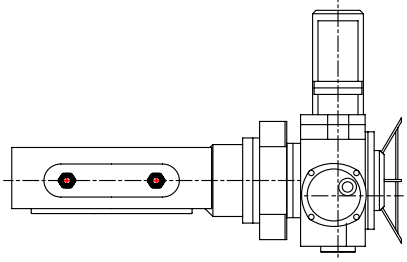
E. MOTORIZED POE ACTUATOR



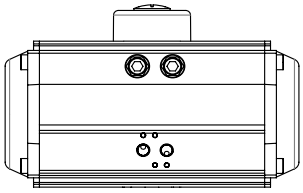
Q. MOTORIZED POQ ACTUATOR



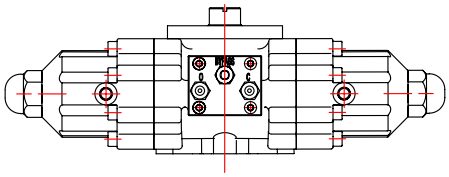
Z. MOTORIZED POZ ACTUATOR



P. PNEUMATIC ACTUATOR



H. HYDRAULIC ACTUATOR



SOFT SEATED BUTTERFLY VALVE

PO8-WT

PO8-WT Series:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE WITH LONG STEM

DIMENSIONS OF BUTTERFLY VALVE WITH LONG STEM IN RATING PN10

PN10 PRESSURE RATING

Size	L	GB standard (PN10)		H1	H2	D	D1	D2	K Stem Quantity	H3 Each Stem Height
		ΦA	N-M							
DN25	33	85	4-12	46	140	69	59	34	1~3	0.5~1.5meter
DN32	33	100	4-16	46	140	69	59	34	1~3	0.5~1.5meter
DN40	33	110	4-16	53	147	80	68	44	1~3	0.5~1.5meter
DN50	42	125	4-16	55	195	95	82	55	1~3	0.5~1.5meter
DN65	44	145	4-16	64	217	114	97	69	1~3	0.5~1.5meter
DN80	44	160	8-16	73	232	126	113	81	1~3	0.5~1.5meter
DN100	50	180	8-16	88	270	154	139	108	1~3	0.5~1.5meter
DN125	56	210	8-16	102	292	180	163	135	1~3	0.5~1.5meter
DN150	56	240	8-20	115	318	206	195	154	1~3	0.5~1.5meter
DN200	60	295	8-20	145	390	264	250	205	1~3	0.5~1.5meter
DN250	68	350	12-20	184	457	320	305	255	1~3	0.5~1.5meter
DN300	78	400	12-20	207	518	370	352	302	1~3	0.5~1.5meter
DN350	78	460	16-20	247	610	430	405	345	1~3	0.5~1.5meter
DN400	102	515	16-24	275	650	480	455	395	1~3	0.5~1.5meter
DN450	114	565	20-24	307	713	550	515	450	1~3	0.5~1.5meter
DN500	127	620	20-24	330	768	590	565	500	1~3	0.5~1.5meter
DN600	151	725	20-27	400	919	695	674	585	1~3	0.5~1.5meter
DN700	163	840	24-27	520	1144	787	760	705	1~3	0.5~1.5meter
DN800	190	950	24-30	591	1263	905	878	810	1~3	0.5~1.5meter
DN900	203	1050	28-30	656	1376	970	955	885	1~3	0.5~1.5meter
DN1000	216	1160	28-33	722	1522	1107	1053	961	1~3	0.5~1.5meter

DIMENSIONS OF BUTTERFLY VALVE WITH LONG STEM IN RATING PN16

PN16 PRESSURE RATING

Size	L	GB standard (PN16)		H1	H2	D	D1	D2	K Stem Quantity	H3 Each Stem Height
		ΦA	N-M							
DN25	33	85	4-12	46	140	69	59	34	1~3	0.5~1.5meter
DN32	33	100	4-16	46	140	69	59	34	1~3	0.5~1.5meter
DN40	33	110	4-16	53	147	80	68	44	1~3	0.5~1.5meter
DN50	42	125	4-16	55	195	95	82	55	1~3	0.5~1.5meter
DN65	44	145	4-16	64	217	114	97	69	1~3	0.5~1.5meter
DN80	44	160	8-16	73	232	126	113	81	1~3	0.5~1.5meter
DN100	50	180	8-16	88	270	154	139	108	1~3	0.5~1.5meter
DN125	56	210	8-16	102	292	180	163	135	1~3	0.5~1.5meter
DN150	56	240	8-20	115	318	206	195	154	1~3	0.5~1.5meter
DN200	60	295	12-20	145	390	264	250	205	1~3	0.5~1.5meter
DN250	68	355	12-24	184	457	320	305	255	1~3	0.5~1.5meter
DN300	78	410	12-24	207	518	370	352	302	1~3	0.5~1.5meter
DN350	78	470	16-24	247	610	430	405	345	1~3	0.5~1.5meter
DN400	102	525	16-27	275	650	480	455	395	1~3	0.5~1.5meter
DN450	114	585	20-27	307	713	550	515	450	1~3	0.5~1.5meter
DN500	127	650	20-30	330	768	590	565	500	1~3	0.5~1.5meter
DN600	151	770	20-33	400	919	695	674	585	1~3	0.5~1.5meter
DN700	163	840	24-33	520	1144	787	760	705	1~3	0.5~1.5meter
DN800	190	950	24-36	591	1263	905	878	810	1~3	0.5~1.5meter
DN900	203	1050	28-36	656	1376	970	955	885	1~3	0.5~1.5meter
DN1000	216	1170	28-39	722	1522	1107	1053	961	1~3	0.5~1.5meter

SOFT SEATED BUTTERFLY VALVE

PO8-WT

PO8-WT Series:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE WITH LONG STEM

DIMENSIONS OF BUTTERFLY VALVE WITH LONG STEM IN RATING PN10

CLASS 150LBS PRESSURE RATING

Size	L	ANSI standard (CLASS 150LBS)		H1	H2	D	D1	D2	K Stem Quantity	H3 Each Stem Height
		ΦA	N-M							
DN25	33	79.5	4-14	46	140	69	59	34	1~3	0.5~1.5meter
DN32	33	88.9	4-14	46	140	69	59	34	1~3	0.5~1.5meter
DN40	33	98.5	4-14	53	147	80	68	44	1~3	0.5~1.5meter
DN50	42	120.7	4-16	55	195	95	82	55	1~3	0.5~1.5meter
DN65	44	139.7	4-16	64	217	114	97	69	1~3	0.5~1.5meter
DN80	44	152.4	4-16	73	232	126	113	81	1~3	0.5~1.5meter
DN100	50	190.5	8-16	88	270	154	139	108	1~3	0.5~1.5meter
DN125	56	215.9	8-20	102	292	180	163	135	1~3	0.5~1.5meter
DN150	56	241.3	8-20	115	318	206	195	154	1~3	0.5~1.5meter
DN200	60	298.5	8-20	145	390	264	250	205	1~3	0.5~1.5meter
DN250	68	362	12-24	184	457	320	305	255	1~3	0.5~1.5meter
DN300	78	431.8	12-24	207	518	370	352	302	1~3	0.5~1.5meter
DN350	78	476.3	12-27	247	610	430	405	345	1~3	0.5~1.5meter
DN400	102	539.8	16-27	275	650	480	455	395	1~3	0.5~1.5meter
DN450	114	577.9	16-30	307	713	550	515	450	1~3	0.5~1.5meter
DN500	127	635	20-30	330	768	590	565	500	1~3	0.5~1.5meter
DN600	151	749.3	20-33	400	919	695	674	585	1~3	0.5~1.5meter
DN700	163	863.6	28-33	520	1144	787	760	705	1~3	0.5~1.5meter
DN800	190	977.9	28-39	591	1263	905	878	810	1~3	0.5~1.5meter
DN900	203	1085.8	32-39	656	1376	970	955	885	1~3	0.5~1.5meter
DN1000	216	1200.2	36-39	722	1522	1107	1053	961	1~3	0.5~1.5meter

DIMENSIONS OF BUTTERFLY VALVE WITH LONG STEM IN RATING JIS5K

JIS5K PRESSURE RATING

Size	L	JIS standard (JIS5K)		H1	H2	D	D1	D2	K Stem Quantity	H3 Each Stem Height
		ΦA	N-M							
DN25	33	75	4-10	46	140	69	59	34	1~3	0.5~1.5meter
DN32	33	90	4-12	46	140	69	59	34	1~3	0.5~1.5meter
DN40	33	95	4-12	53	147	80	68	44	1~3	0.5~1.5meter
DN50	42	105	4-12	55	195	95	82	55	1~3	0.5~1.5meter
DN65	44	130	4-12	64	217	114	97	69	1~3	0.5~1.5meter
DN80	44	145	4-16	73	232	126	113	81	1~3	0.5~1.5meter
DN100	50	165	8-16	88	270	154	139	108	1~3	0.5~1.5meter
DN125	56	200	8-16	102	292	180	163	135	1~3	0.5~1.5meter
DN150	56	230	8-16	115	318	206	195	154	1~3	0.5~1.5meter
DN200	60	280	8-20	145	390	264	250	205	1~3	0.5~1.5meter
DN250	68	345	12-20	184	457	320	305	255	1~3	0.5~1.5meter
DN300	78	390	12-20	207	518	370	352	302	1~3	0.5~1.5meter
DN350	78	435	12-22	247	610	430	405	345	1~3	0.5~1.5meter
DN400	102	495	16-22	275	650	480	455	395	1~3	0.5~1.5meter
DN450	114	555	16-22	307	713	550	515	450	1~3	0.5~1.5meter
DN500	127	605	20-22	330	768	590	565	500	1~3	0.5~1.5meter
DN600	151	715	20-24	400	919	695	674	585	1~3	0.5~1.5meter
DN700	163	820	24-30	520	1144	787	760	705	1~3	0.5~1.5meter
DN800	190	930	24-30	591	1263	905	878	810	1~3	0.5~1.5meter
DN900	203	1030	24-30	656	1376	970	955	885	1~3	0.5~1.5meter
DN1000	216	1130	28-30	722	1522	1107	1053	961	1~3	0.5~1.5meter

SOFT SEATED BUTTERFLY VALVE

PO8-WT

PO8-WT Series:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE WITH LONG STEM

DIMENSIONS OF BUTTERFLY VALVE WITH LONG STEM IN RATING JIS10K

JIS10K PRESSURE RATING

Size	L	JIS standard (JIS10K)		H	H1	D	D1	D2	K Stem Quantity	H2 Each Stem Height
		ΦA	N-M							
DN25	33	90	4-12	46	140	69	59	34	1~3	0.5~1.5meter
DN32	33	100	4-16	46	140	69	59	34	1~3	0.5~1.5meter
DN40	33	105	4-16	53	147	80	68	44	1~3	0.5~1.5meter
DN50	42	120	4-16	55	195	95	82	55	1~3	0.5~1.5meter
DN65	44	140	4-16	64	217	114	97	69	1~3	0.5~1.5meter
DN80	44	150	8-16	73	232	126	113	81	1~3	0.5~1.5meter
DN100	50	175	8-16	88	270	154	139	108	1~3	0.5~1.5meter
DN125	56	210	8-20	102	292	180	163	135	1~3	0.5~1.5meter
DN150	56	240	8-20	115	318	206	195	154	1~3	0.5~1.5meter
DN200	60	290	12-20	145	390	264	250	205	1~3	0.5~1.5meter
DN250	68	355	12-22	184	457	320	305	255	1~3	0.5~1.5meter
DN300	78	400	16-22	207	518	370	352	302	1~3	0.5~1.5meter
DN350	78	445	16-22	247	610	430	405	345	1~3	0.5~1.5meter
DN400	102	510	16-24	275	650	480	455	395	1~3	0.5~1.5meter
DN450	114	565	20-24	307	713	550	515	450	1~3	0.5~1.5meter
DN500	127	620	20-24	330	768	590	565	500	1~3	0.5~1.5meter
DN600	151	730	24-30	400	919	695	674	585	1~3	0.5~1.5meter
DN700	163	840	24-30	520	1144	787	760	705	1~3	0.5~1.5meter
DN800	190	950	28-30	591	1263	905	878	810	1~3	0.5~1.5meter
DN900	203	1050	28-30	656	1376	970	955	885	1~3	0.5~1.5meter
DN1000	216	1160	28-36	722	1522	1107	1053	961	1~3	0.5~1.5meter