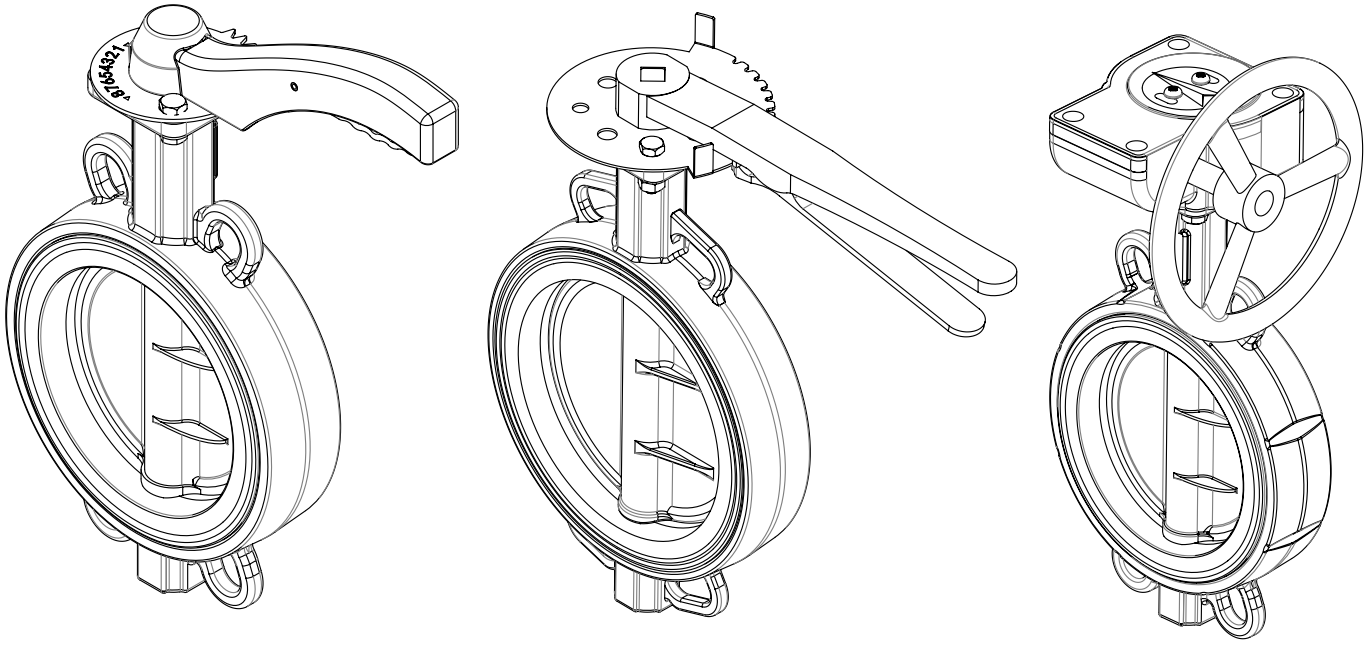
PO8-WM

PO8-W SERIES:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE

PO8-WM Series:
MANUAL OPERATED WAFER TYPE SOFT SEATED BUTTERFLY VALVE

DESCRIPTION

The manual operated wafer type butterfly valve uses the handle or gear operator as the driving device to open or close the valve. The handle and gear are made of aluminum alloy or mild steel. The handle and gear operator enable the butterfly valve disc to be fixed at the fully open or fully closed position, and can also be locked at any position before 0~90° , so that the butterfly valve can not only be used to open and close the valve, but also can be used to regulat the flow.



ORDERING CODE

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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

Actuation Type	
L	MANUAL HANDLEVER
G	MANUAL GEAR OPERATOR

Example: PO8172-12A2-WM-L: Manual Butterfly Valve, Ductile Cast Iron Body, SS304 Disc, EPDM Seat, PN10, with manual handlever.

SOFT SEATED BUTTERFLY VALVE

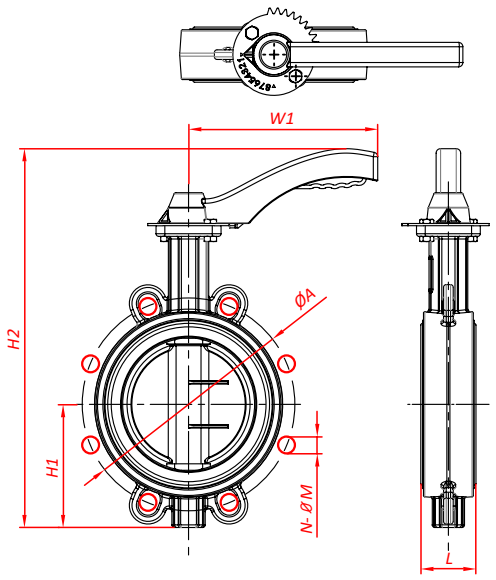
PO8-WM

PO8-WM Series:
MANUAL OPERATED WAFER TYPE SOFT SEATED BUTTERFLY VALVE

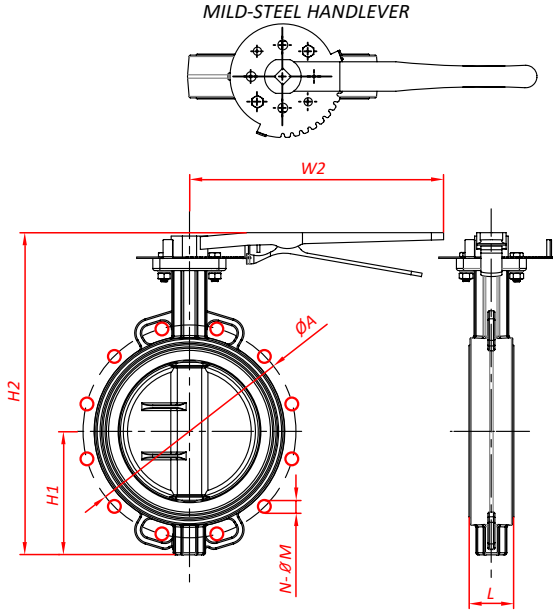
PO8-WM-L : MANUAL HANDLEVER TYPE

DIMENSIONS

ALU-ALLOY HANDLEVER



MILD-STEEL HANDLEVER



DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN10

	Size	L	GB standard (PN10)		H1	H2	W1	W2
			ΦA	N-M				
PN10 PRESSURE RATING	DN25	33	85	4-12	46	170	115	-
	DN32	33	100	4-16	46	170	115	-
	DN40	33	110	4-16	53	177	115	-
	DN50	42	125	4-16	55	265	170	230
	DN65	44	145	4-16	64	287	170	230
	DN80	44	160	8-16	73	302	170	230
	DN100	50	180	8-16	88	350	215	260
	DN125	56	210	8-16	102	372	215	260
	DN150	56	240	8-20	115	398	215	260
	DN200	60	295	8-20	149	420	-	355
	DN250	68	350	12-20	184	487	-	355

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN16

	Size	L	GB standard (PN16)		H1	H2	W1	W2
			ΦA	N-M				
PN16 PRESSURE RATING	DN25	33	85	4-12	46	170	115	-
	DN32	33	100	4-16	46	170	115	-
	DN40	33	110	4-16	53	177	115	-
	DN50	42	125	4-16	55	265	170	230
	DN65	44	145	4-16	64	287	170	230
	DN80	44	160	8-16	73	302	170	230
	DN100	50	180	8-16	88	350	215	260
	DN125	56	210	8-16	102	372	215	260
	DN150	56	240	8-20	115	398	215	260
	DN200	60	295	12-20	149	420	-	355
	DN250	68	355	12-24	184	487	-	355

SOFT SEATED BUTTERFLY VALVE

PO8-WM

PO8-WM-L :
MANUAL HANDLEVER TYPE

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING CLASS 150LBS

	Size	L	ANSI standard (CLASS 150LBS)		H1	H2	W1	W2
			ΦA	N-M				
CLASS 150LBS PRESSURE RATING	DN25	33	79.5	4-14	46	170	115	-
	DN32	33	88.9	4-14	46	170	115	-
	DN40	33	98.5	4-14	53	177	115	-
	DN50	42	120.7	4-16	55	265	170	230
	DN65	44	139.7	4-16	64	287	170	230
	DN80	44	152.4	4-16	73	302	170	230
	DN100	50	190.5	8-16	88	350	215	260
	DN125	56	215.9	8-20	102	372	215	260
	DN150	56	241.3	8-20	115	398	215	260
	DN200	60	298.5	8-20	149	420	-	355
	DN250	68	362	12-24	184	487	-	355

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 5K

	Size	L	JIS standard (JIS5K)		H1	H2	W1	W2
			ΦA	N-M				
JIS5K PRESSURE RATING	DN25	33	75	4-10	46	170	115	-
	DN32	33	90	4-12	46	170	115	-
	DN40	33	95	4-12	53	177	115	-
	DN50	42	105	4-12	55	265	170	230
	DN65	44	130	4-12	64	287	170	230
	DN80	44	145	4-16	73	302	170	230
	DN100	50	165	8-16	88	350	215	260
	DN125	56	200	8-16	102	372	215	260
	DN150	56	230	8-16	115	398	215	260
	DN200	60	280	8-20	149	420	-	355
	DN250	68	345	12-20	184	487	-	355

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 10K

	Size	L	JIS standard (JIS10K)		H1	H2	W1	W2
			ΦA	N-M				
JIS10K PRESSURE RATING	DN25	33	90	4-12	46	170	115	-
	DN32	33	100	4-16	46	170	115	-
	DN40	33	105	4-16	53	177	115	-
	DN50	42	120	4-16	55	265	170	230
	DN65	44	140	4-16	64	287	170	230
	DN80	44	150	8-16	73	302	170	230
	DN100	50	175	8-16	88	350	215	260
	DN125	56	210	8-20	102	372	215	260
	DN150	56	240	8-20	115	398	215	260
	DN200	60	290	12-20	149	420	-	355
	DN250	68	355	12-22	184	487	-	355

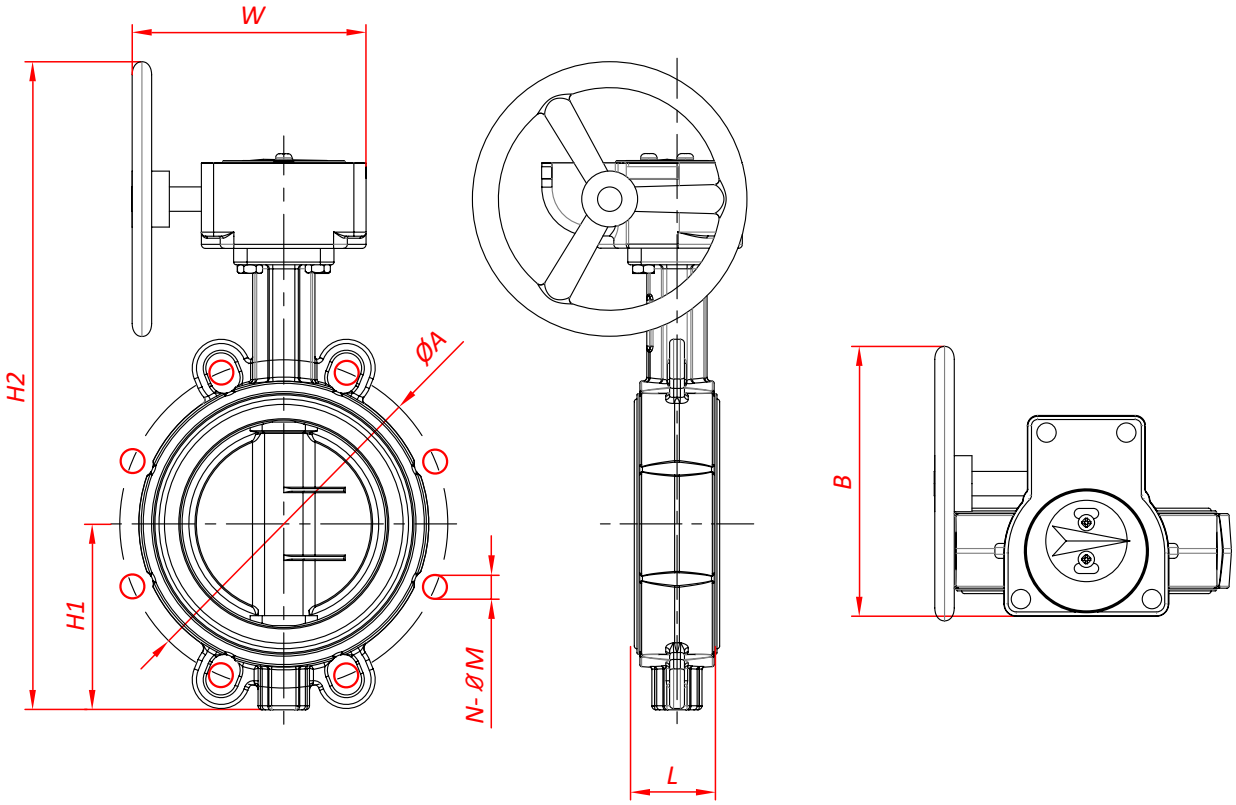
SOFT SEATED BUTTERFLY VALVE

PO8-WM

PO8-WM Series:
MANUAL OPERATED WAFER TYPE SOFT SEATED BUTTERFLY VALVE

PO8-WM-G : MANUAL GEAR OPERATOR TYPE

DIMENSIONS



DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN10

	Size	L	GB standard (PN10)		H1	H2	W	B
			ΦA	N-M				
PN10 PRESSURE RATING	DN25	33	85	4-12	46	253	208	174
	DN32	33	100	4-16	46	253	208	174
	DN40	33	110	4-16	53	260	208	174
	DN50	42	125	4-16	55	308	208	174
	DN65	44	145	4-16	64	330	208	174
	DN80	44	160	8-16	73	345	208	174
	DN100	50	180	8-16	88	383	208	174
	DN125	56	210	8-16	102	405	208	174
	DN150	56	240	8-20	115	431	208	174
	DN200	60	295	8-20	145	584	299	292
	DN250	68	350	12-20	184	651	299	292
	DN300	78	400	12-20	207	712	294	308
	DN350	78	460	16-20	247	804	294	308
	DN400	102	515	16-24	275	920	361	426
	DN450	114	565	20-24	307	983	361	426
	DN500	127	620	20-24	330	1048	361	426
	DN600	151	725	20-27	400	1199	417	479
	DN700	163	840	24-27	520	1470	485	578
	DN800	190	950	24-30	591	1603	485	578
	DN900	203	1050	28-30	656	1741	534	650
	DN1000	216	1160	28-33	722	1887	534	650

SOFT SEATED BUTTERFLY VALVE

PO8-WM

PO8-WM-G :
MANUAL GEAR OPERATOR TYPE

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN16

	Size	L	GB standard (PN16)		H1	H	W	B
			ΦA	N-M				
PN16 PRESSURE RATING	DN25	33	85	4-12	46	253	208	174
	DN32	33	100	4-16	46	253	208	174
	DN40	33	110	4-16	53	260	208	174
	DN50	42	125	4-16	55	308	208	174
	DN65	44	145	4-16	64	330	208	174
	DN80	44	160	8-16	73	345	208	174
	DN100	50	180	8-16	88	383	208	174
	DN125	56	210	8-16	102	405	208	174
	DN150	56	240	8-20	115	431	208	174
	DN200	60	295	12-20	145	584	299	292
	DN250	68	355	12-24	184	651	299	292
	DN300	78	410	12-24	207	712	294	308
	DN350	78	470	16-24	247	804	294	308
	DN400	102	525	16-27	275	920	361	426
	DN450	114	585	20-27	307	983	361	426
	DN500	127	650	20-30	330	1048	361	426
	DN600	151	770	20-33	400	1199	417	479
	DN700	163	840	24-33	520	1470	485	578
	DN800	190	950	24-36	591	1603	485	578
	DN900	203	1050	28-36	656	1741	534	650
	DN1000	216	1170	28-39	722	1887	534	650

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING CLASS 150LBS

	Size	L	ANSI standard (CLASS 150LBS)		H1	H	W	B
			ΦA	N-M				
CLASS 150LBS PRESSURE RATING	DN25	33	79.5	4-14	46	253	208	174
	DN32	33	88.9	4-14	46	253	208	174
	DN40	33	98.5	4-14	53	260	208	174
	DN50	42	120.7	4-16	55	308	208	174
	DN65	44	139.7	4-16	64	330	208	174
	DN80	44	152.4	4-16	73	345	208	174
	DN100	50	190.5	8-16	88	383	208	174
	DN125	56	215.9	8-20	102	405	208	174
	DN150	56	241.3	8-20	115	431	208	174
	DN200	60	298.5	8-20	145	584	299	292
	DN250	68	362	12-24	184	651	299	292
	DN300	78	431.8	12-24	207	712	294	308
	DN350	78	476.3	12-27	247	804	294	308
	DN400	102	539.8	16-27	275	920	361	426
	DN450	114	577.9	16-30	307	983	361	426
	DN500	127	635	20-30	330	1048	361	426
	DN600	151	749.3	20-33	400	1199	417	479
	DN700	163	863.6	28-33	520	1470	485	578
	DN800	190	977.9	28-39	591	1603	485	578
	DN900	203	1085.8	32-39	656	1741	534	650
	DN1000	216	1200.2	36-39	722	1887	534	650