

PO8-L SERIES: LUG TYPE SOFT SEATED BUTTERFLY VALVE

DESCRIPTION

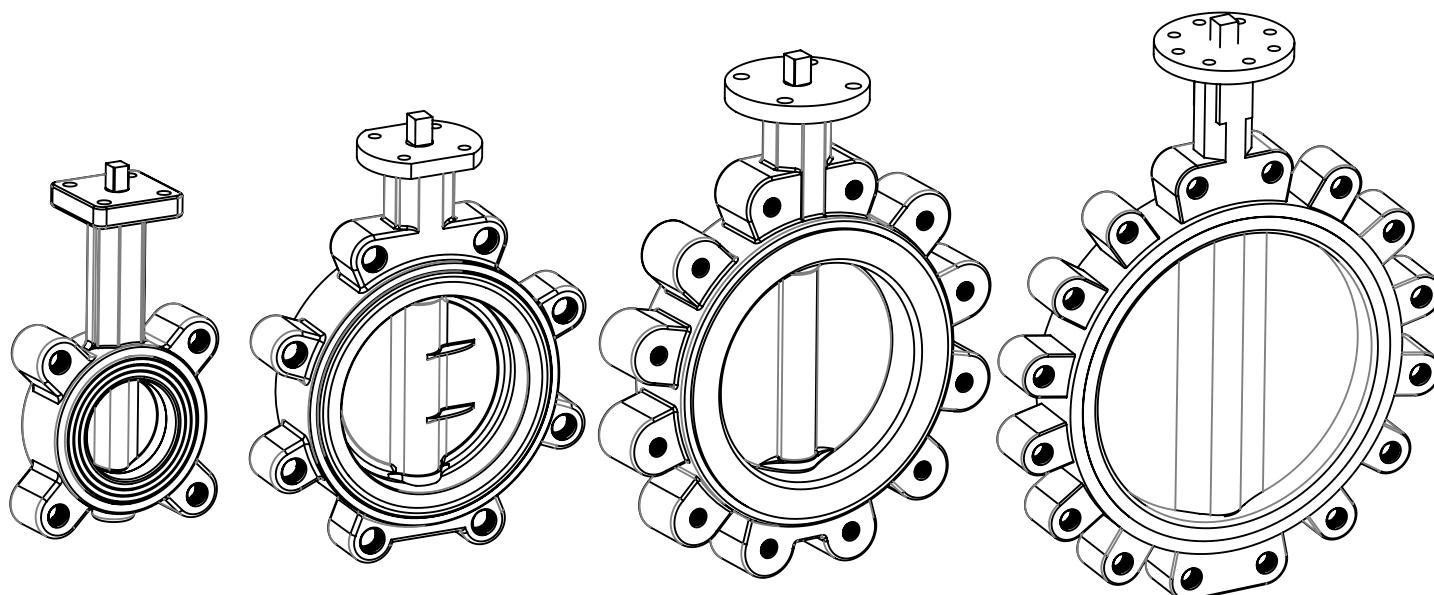
The lug type soft seated butterfly valve is simple in structure, small in size, light in weight, and has few components on structure. Several key parts can build a butterfly valve, which is also very convenient to open. The butterfly valve can control the fluid very well, and can increase or reduce the flow at any time.

The lug type soft seated butterfly valve can be installed by clamping between two flanges, or installed at the end of pipe outlet. The butterfly valve position is fixed through tap thread connection holes. The lug type butterfly valve body can be manufactured to the GB/JB/HG flange standard, ANSI/ASME flange standard, JIS flange standard and other uncommon or non-standard flange standards.

The butterfly valve can be controlled in many ways, such as handlever, gear operator, electric actuator, pneumatic actuator and hydraulic actuator. Multiple control requirements can be achieved in a variety of ways.

The lug type soft seated butterfly valve has short face-to-face length, thin installation space requirements, light weight and high cost-effective, and can be used for switching and flow control of liquid, gas, powder and other media.

Soft seated butterfly valve also has a wide range of applications. If they are used to control the flow, different types and valve body sizes need to be selected, because butterfly valves are more suitable for some valves with larger diameters when they are designed. Butterfly valves are not only widely used in petroleum, gas, chemical, water treatment and other general industries, but also used in the cooling water system of thermal power plants.

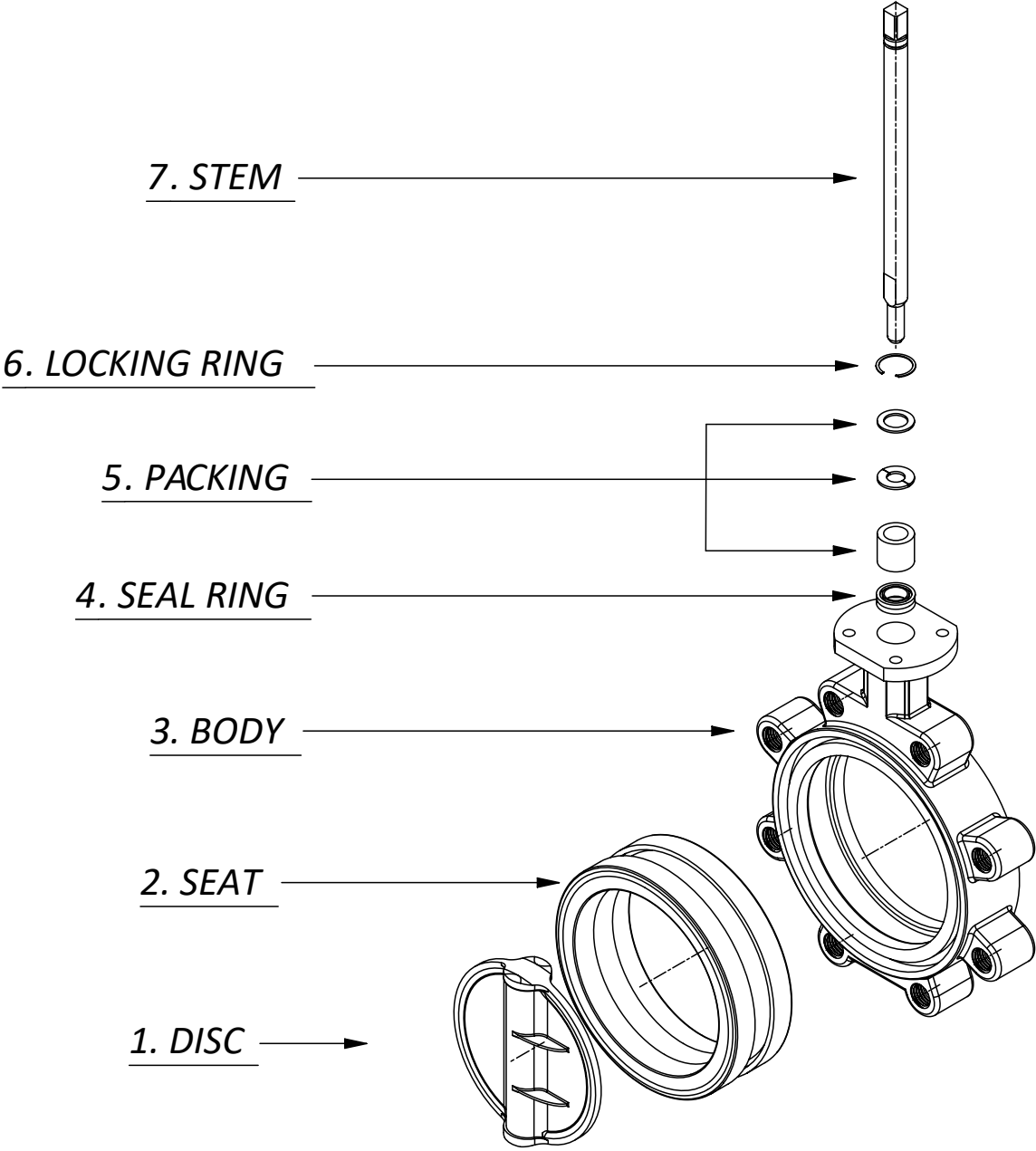


TECHNICAL PARAMETERS

- Nominal Diameter : DN40 – DN1000
- Pressure Rating : PN1.0MPa、PN1.6MPa、Class 150LBs、JIS 5K、JIS 10K
- End Connection : Full Lug-Tap Thread-Through Holes Type
- Flange Standard : HG/T 20592、GB/T9113、JB/T78-79、EN 1092-1、ASME B16.5、ASME B16.47、DIN 2543-2545、JIS B2220
- Valve Structure : Concentric/Center-line Type
- Body Material : Ductile Cast Iron、WCB、CF8、CF8M、CF3M、Duplex 2205
- Disc Material: Ductile Cast Iron、A216 WCB、A351 CF8、A351 CF8M、A351 CF3M、Duplex S.S. 2507、Duplex S.S. 2205、Super S.S.-1.4529、B148-C95400、B148-C95800、Halar Coated、Nylon Coated、Rubber Coated、Others
- Seat Material : EPDM、NBR、PTFE、VITON、HYPALON、POLYURETHANE、SILICON RUBBER、HIGH-TEMPERATURE EPDM、WEAR-RESISTANCE EPDM
- Stem material: SS410、SS420、SS304、SS316、etc.
- Applicable Medium : Water、Liquid、Gas、Oil、Powder、Steam、Acid and Alkali corrosive medium
- Mounting for Actuation : ISO 5211 Direct Mounting Pad
- Functional Safety Certificate : SIL 3 as per IEC 61508 Parts 1-2 and 4-7:2010
- Operation: Handlever、Worm gear、Pneumatic actuator、Electric actuator、Hydraulic actuator
- Leakage Class : Zero Leakage
- Optional accessories: Solenoid valve、Limit switch box、Positioner、Air filter regulator、handwheel、etc.

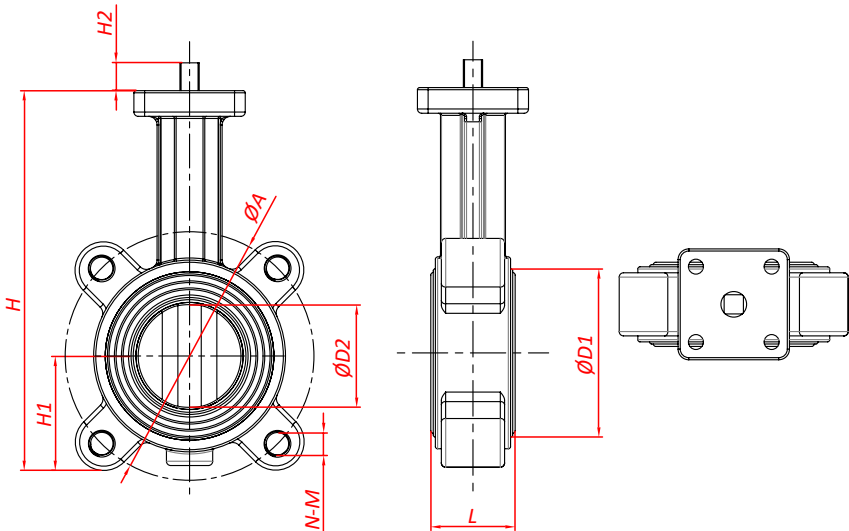
MAIN PARTS STRUCTURE AND MATERIAL

P08-L



Part Number	Part Name	DI Type	WCB Type	CF8 Type	CF8M Type	CF3M Type	2205 Type
1	DISC	Ductile Cast Iron、 A216 WCB、 A351 CF8、 A351 CF8M、 A351 CF3M、 Duplex S.S. 2507、 Duplex S.S. 2205、 Super S.S.-1.4529、 B148-C95400、 B148-C95800、 Halar Coated、 Rubber Coated、 Nylon Coated and so on.					
2	SEAT	EPDM、 NBR、 PTFE、 VITON、 HYPALON、 POLYURETHANE、 SILICON RUBBER、 HIGH-TEMPERATURE EPDM、 WEAR-RESISTANCE EPDM and so on.					
3	BODY	Ductile Iron	WCB	CF8/SS304	CF8M/SS316	CF3M/SS316L	Dup. S.S. 2205
4	SEAL RING	NBR					
5	PACKING	PTFE					
6	LOCKING RING	65Mn					
7	STEM	SS410、 SS420、 SS304、 SS316 and so on.					

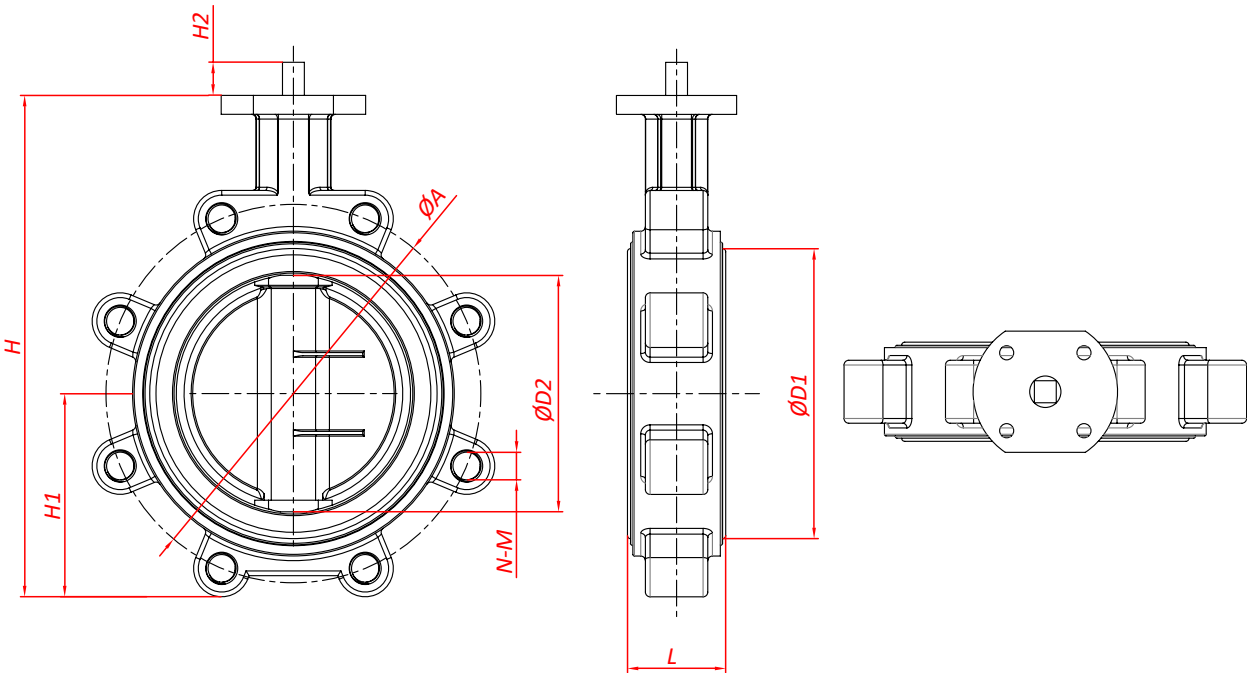
DIMENSIONS OF BARE SHAFT LUG TYPE BUTTERFLY VALVE



4 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 4 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN40	33	110	4-M16	110	4-M16	98.5	4-M5/8"	95	4-M12	105	4-M16	68	44	147	53	15/27
DN50	42	125	4-M16	125	4-M16	120.7	4-M5/8"	105	4-M12	120	4-M16	82	55	195	55	15/27
DN65	44	145	4-M16	145	4-M16	139.7	4-M5/8"	130	4-M12	140	4-M16	97	69	217	64	15/27
DN80	44	-	-	-	-	152.4	4-M5/8"	145	4-M16	-	-	113	81	232	73	15/27

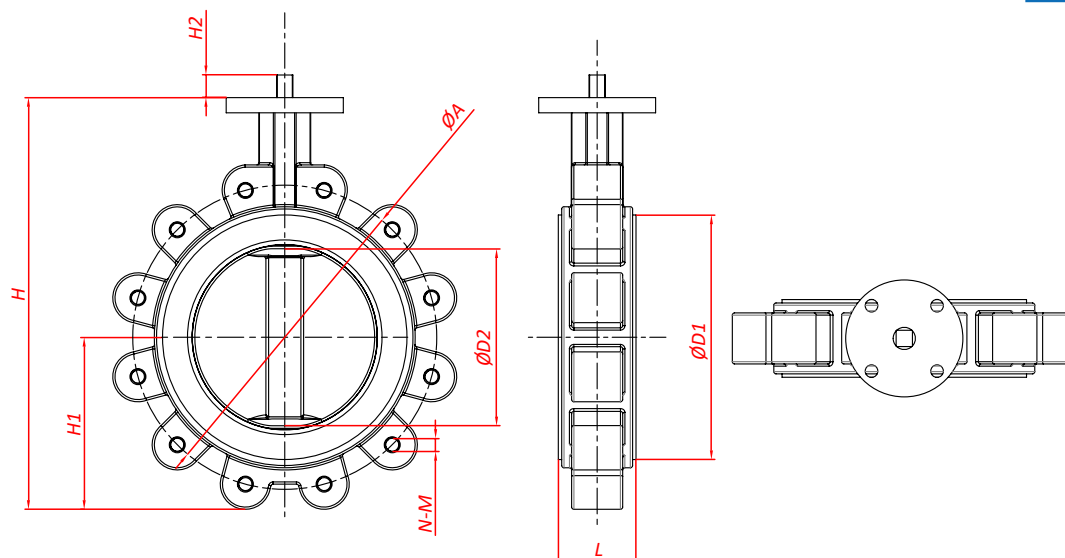


8 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 8 EARS LUG TYPE BUTTERFLY VALVE

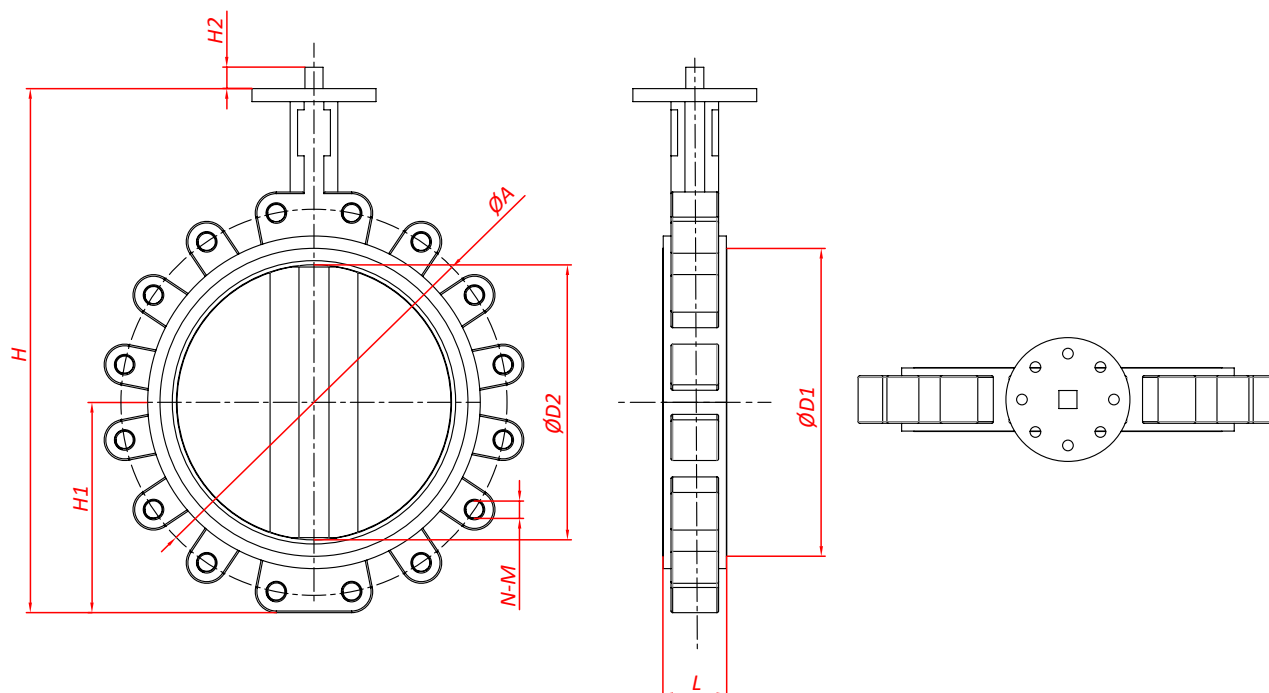
Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN80	44	180	8-M16	180	8-M16	-	-	-	-	175	8-M16	113	81	232	73	15/27
DN100	50	180	8-M16	180	8-M16	190.5	8-M5/8"	165	8-M16	175	8-M16	139	108	270	88	20/27
DN125	56	210	8-M16	210	8-M16	215.9	8-M3/4"	200	8-M16	210	8-M20	163	135	292	102	20/27
DN150	56	240	8-M20	240	8-M20	241.3	8-M3/4"	230	8-M16	240	8-M20	195	154	318	115	20/27
DN200	60	295	8-M20	-	-	298.5	8-M3/4"	280	8-M20	-	-	250	205	390	149	25/40

DIMENSIONS OF BARE SHAFT WAFER TYPE BUTTERFLY VALVE


12 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 12 EARS LUG TYPE BUTTERFLY VALVE

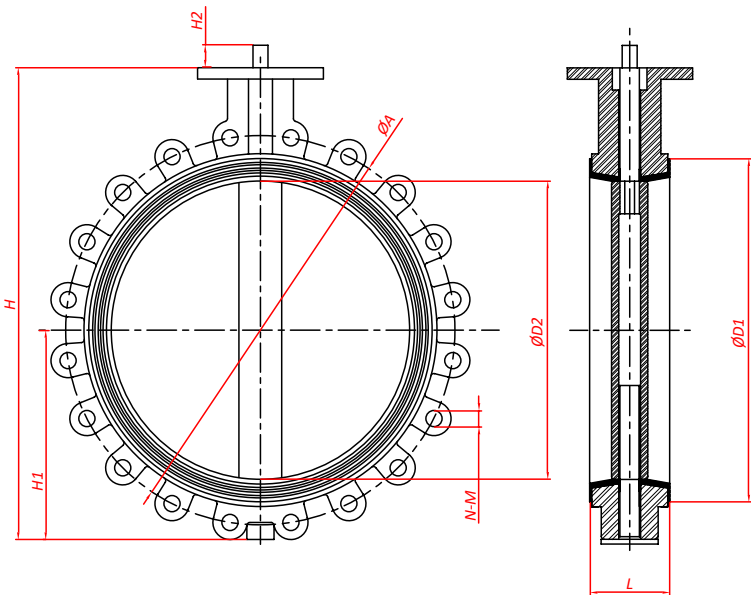
Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN200	60	-	-	295	12-M20	-	-	-	-	355	12-M20	250	205	390	149	25/40
DN250	68	350	12-M20	355	12-M24	362	12-M7/8"	345	12-M20	355	12-M22	305	255	457	184	30/45
DN300	78	400	12-M20	410	12-M24	431.8	12-M7/8"	390	12-M20	-	-	352	302	518	207	30/50
DN350	78	-	-	-	-	476.3	12-M1"	435	12-M22	-	-	405	345	610	247	35/55


16 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 16 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN300	78	-	-	-	-	-	-	-	-	400	16-M22	352	302	518	207	30/50
DN350	78	460	16-M20	470	16-M24	-	-	-	-	445	16-M22	405	345	610	247	35/55
DN400	102	515	16-M24	525	16-M27	539.8	16-M1"	495	16-M22	510	16-M24	455	395	650	275	35/64
DN450	114	-	-	-	-	577.9	16-M1 ^{1/8} "	555	16-M22	-	-	515	450	713	307	50/80

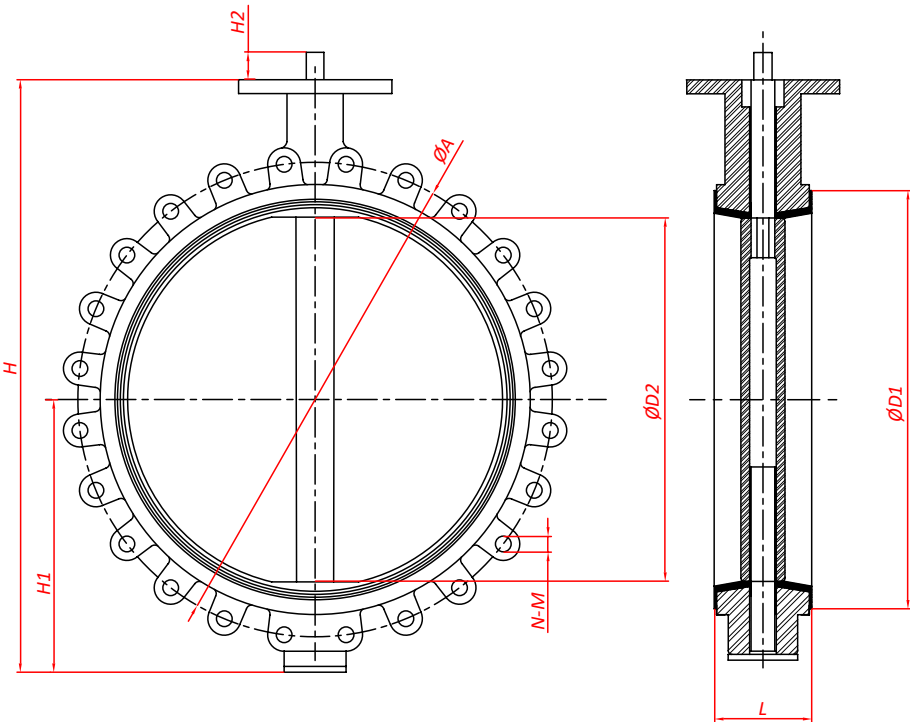
DIMENSIONS OF BARE SHAFT WAFER TYPE BUTTERFLY VALVE



20 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 20 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		Φ A	N- M	Φ A	N- M	Φ A	N- M	Φ A	N- M	Φ A	N- M					
DN450	114	565	20-M24	585	20-M27	-	-	-	-	565	20-M24	515	450	713	307	50/80
DN500	127	620	20-M24	650	20-M30	635	20-M1 ¹ / ₈ "	605	20-M22	620	20-M24	565	500	768	330	50/80
DN600	151	725	20-M27	770	20-M33	749.3	20-M1 ¹ / ₄ "	715	20-M24	-	-	674	585	919	400	50/80



24 EARS LUG BUTTERFLY VALVE

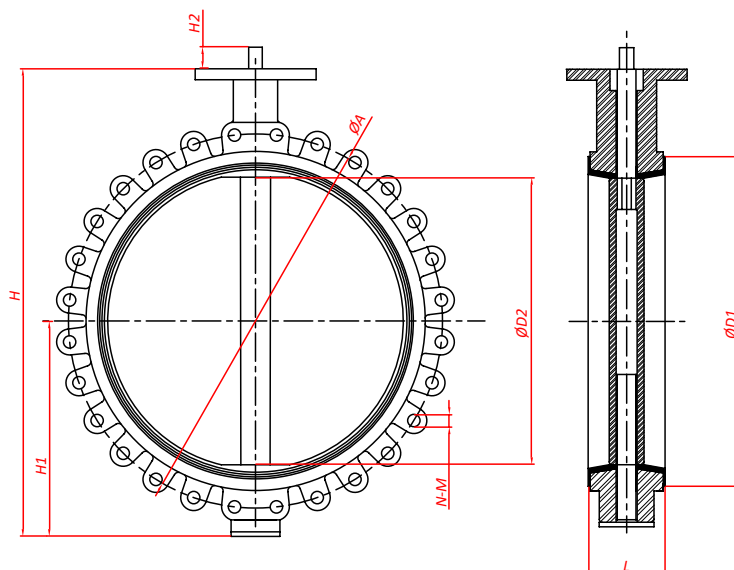
DIMENSIONS OF BARE SHAFT 24 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		Φ A	N- M	Φ A	N- M	Φ A	N- M	Φ A	N- M	Φ A	N- M					
DN600	151	-	-	-	-	-	-	-	-	730	24-M30	674	585	919	400	50/80
DN700	163	840	24-M27	840	24-M33	-	-	820	24-M24	840	24-M30	760	705	1144	520	55/82
DN800	190	950	24-M30	950	24-M36	-	-	930	24-M30	-	-	878	810	1263	591	55/82
DN900	203	-	-	-	-	-	-	1030	24-M30	-	-	955	885	1376	656	55/118

PO8 SERIES

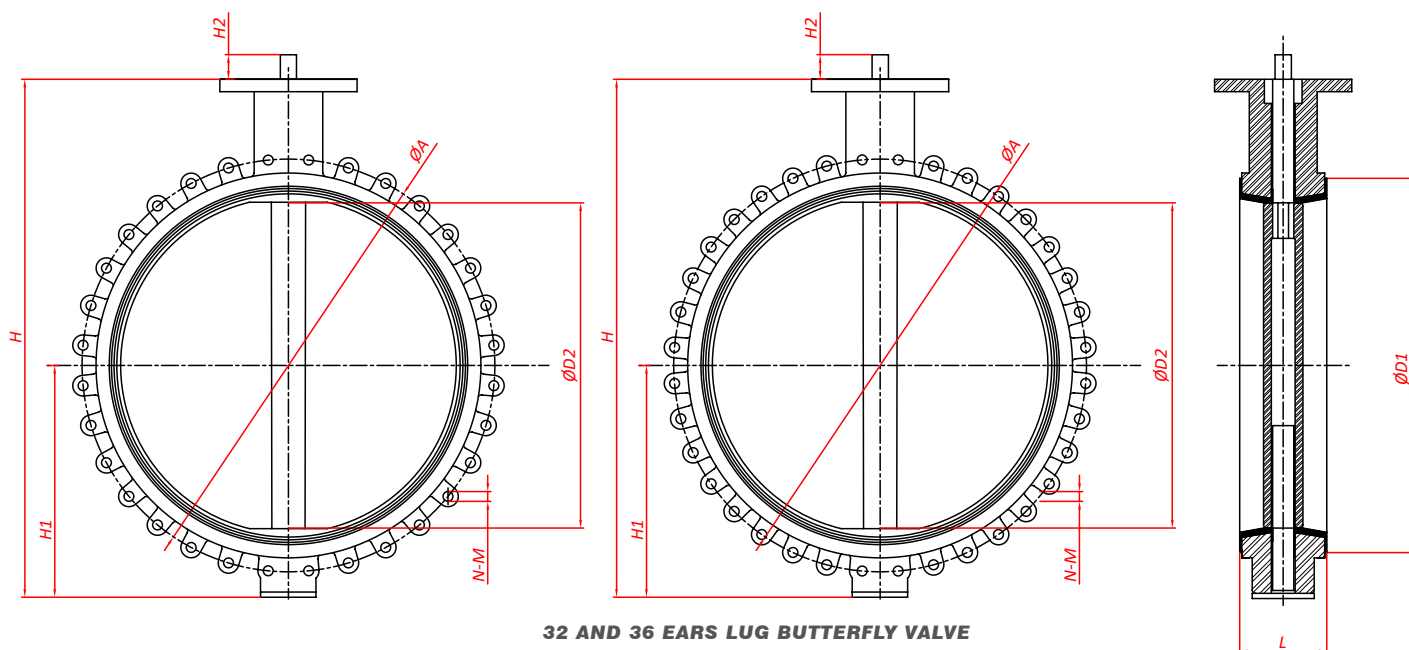
PO8-L

DIMENSIONS OF BARE SHAFT WAFER TYPE BUTTERFLY VALVE


28 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 28 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN700	163	-	-	-	-	863.6	28- 1 ¹ / ₄ "	-	-	-	-	760	705	1144	520	55/82
DN800	190	-	-	-	-	977.9	28- 1 ¹ / ₂ "	-	-	950	28-M30	878	810	1263	591	55/82
DN900	203	1050	28-M30	1050	28-M36	-	-	-	-	1050	28-M30	955	885	1376	656	55/118
DN1000	216	1160	28-M33	1170	28-M39	-	-	1130	28-M30	1160	28-M36	1053	961	1522	722	55/148


32 AND 36 EARS LUG BUTTERFLY VALVE

DIMENSIONS OF BARE SHAFT 32 EARS LUG TYPE BUTTERFLY VALVE

Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN900	203	-	-	-	-	1085.8	32- 1 ¹ / ₂ "	-	-	-	-	955	885	1376	656	55/118

DIMENSIONS OF BARE SHAFT 36 EARS LUG TYPE BUTTERFLY VALVE

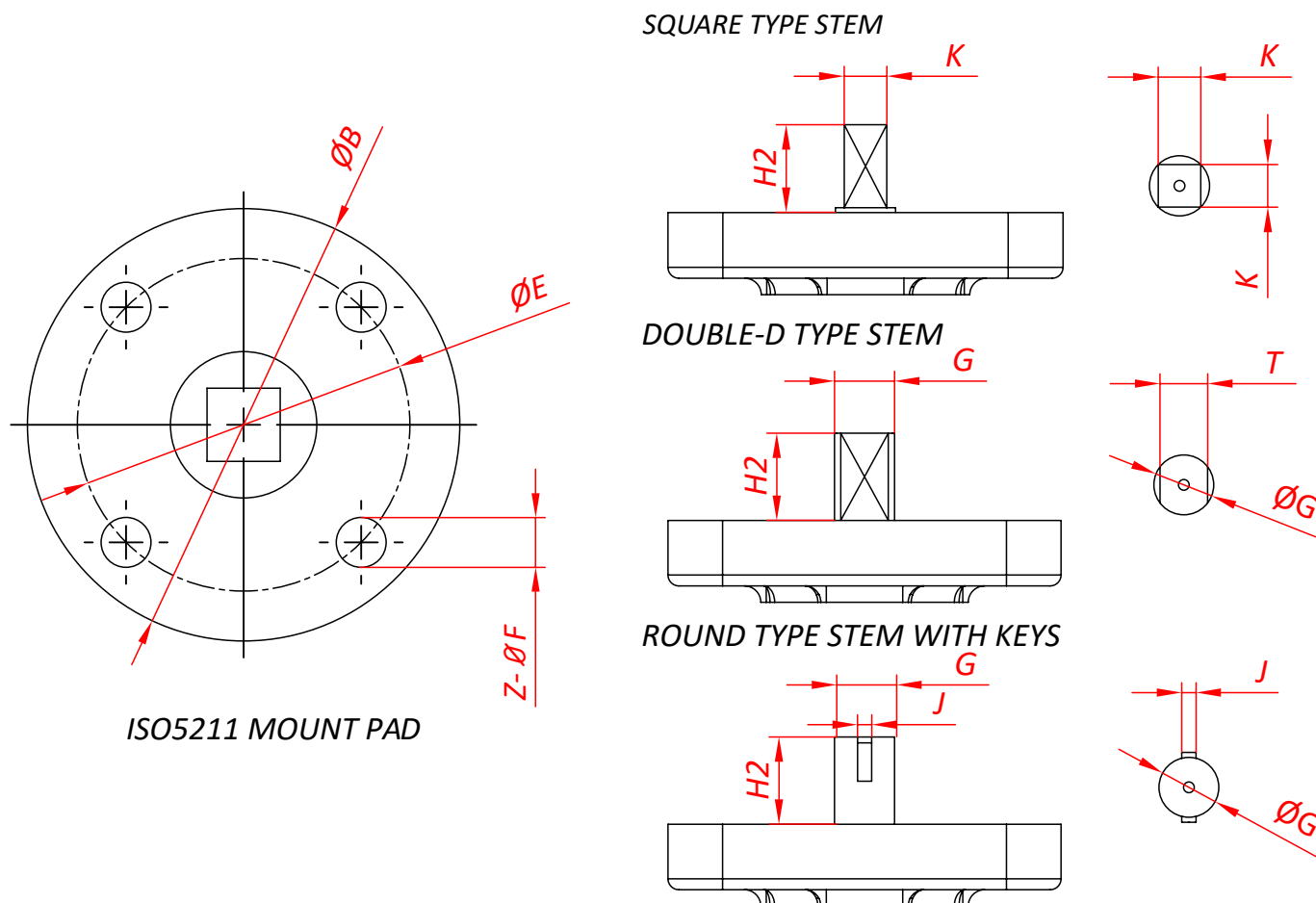
Size	L	GB standard (PN10)		GB standard (PN16)		ANSI standard (CL.150LBS)		JIS standard (JIS5K)		JIS standard (JIS10K)		D1	D2	H	H1	H2
		ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M	ΦA	N- M					
DN1000	216	-	-	-	-	1200.2	36- 1 ¹ / ₂ "	-	-	-	-	1053	961	1522	722	55/148

★★★★★ Important Note:

The structure and dimensions above are mainly for the Ductile cast iron body material and non-back seat type Butterfly valve. For other Stainless steel body type, PTFE seat type, Back seat type, and other types, they will have differences on some structure and dimensions. Please consult POV team for more details.



DIMENSIONS OF LUG TYPE BUTTERFLY VALVE MOUNTING PAD



DIMENSIONS OF LLUG TYPE BUTTERFLY VALVE MOUNTING PAD

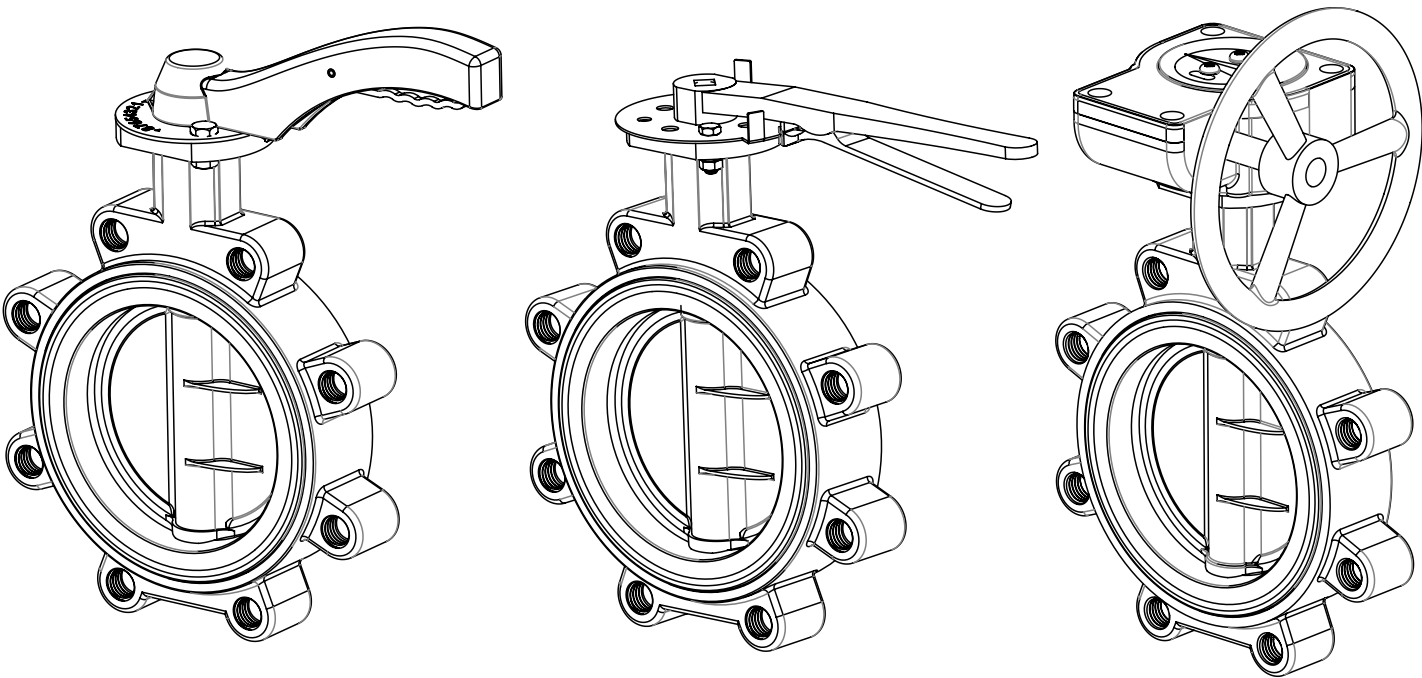
Size	ΦB	ISO5211 Mounting Pad			H2	Square Stem		Double-D Stem		Round Stem c/w Keys	
		ΦE	Z- ΦF	ISO5211		K x K		G	T	G	J
DN25	65	50	4- 7.5	F05	15/27	11		9.5	7	9.5	-
DN32	65	50	4- 7.5	F05	15/27	11		9.5	7	9.5	-
DN40	65	50	4- 7.5	F05	15/27	11		9.5	7	9.5	-
DN50	90	70	4- 10	F07	15/27	11		14	10	14	1-3
DN65	90	70	4- 10	F07	15/27	11		14	10	14	1-3
DN80	90	70	4- 10	F07	15/27	11		14	10	14	1-3
DN100	90	70	4- 10	F07	20/27	11		16	11	16	1-5
DN125	90	70	4- 10	F07	20/27	14		19	13	19	1-5
DN150	90	70	4- 10	F07	20/27	14		19	13	19	1-5
DN200	150	102	4- 12	F10	25/40	17		22	16	22	1-5
DN250	150	102	4- 12	F10	30/45	22		30	22	30	1-8
DN300	150	125	4- 14	F12	30/50	22		30	22	30	1-8
DN350	150	125	4- 14	F12	35/55	27		35	-	35	1-8
DN400	200	140	4- 18	F14	35/64	27		40	-	40	1-10
DN450	210	165	4- 22	F16	50/80	36		50	-	50	1-12
DN500	210	165	4- 22	F16	50/80	36		50	-	50	1-12
DN600	210	165	4- 22	F16	50/80	46		60	-	60	2-16
DN700	300	254	8- 18	F25	55/82	46		60	-	60	2-18
DN800	300	254	8- 18	F25	55/82	46		60	-	60	2-20
DN900	300	254	8- 18	F25	55/118	55		75	-	75	2-22
DN1000	300	254	8- 18	F25	148	55		85	-	85	2-25

PO8-L SERIES:
LUG TYPE SOFT SEATED BUTTERFLY VALVE

PO8-LM Series:
MANUAL OPERATED LUG TYPE SOFT SEATED BUTTERFLY VALVE

DESCRIPTION

The manual operated lug 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

PO 8 1 7 - 1 - L M -

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.

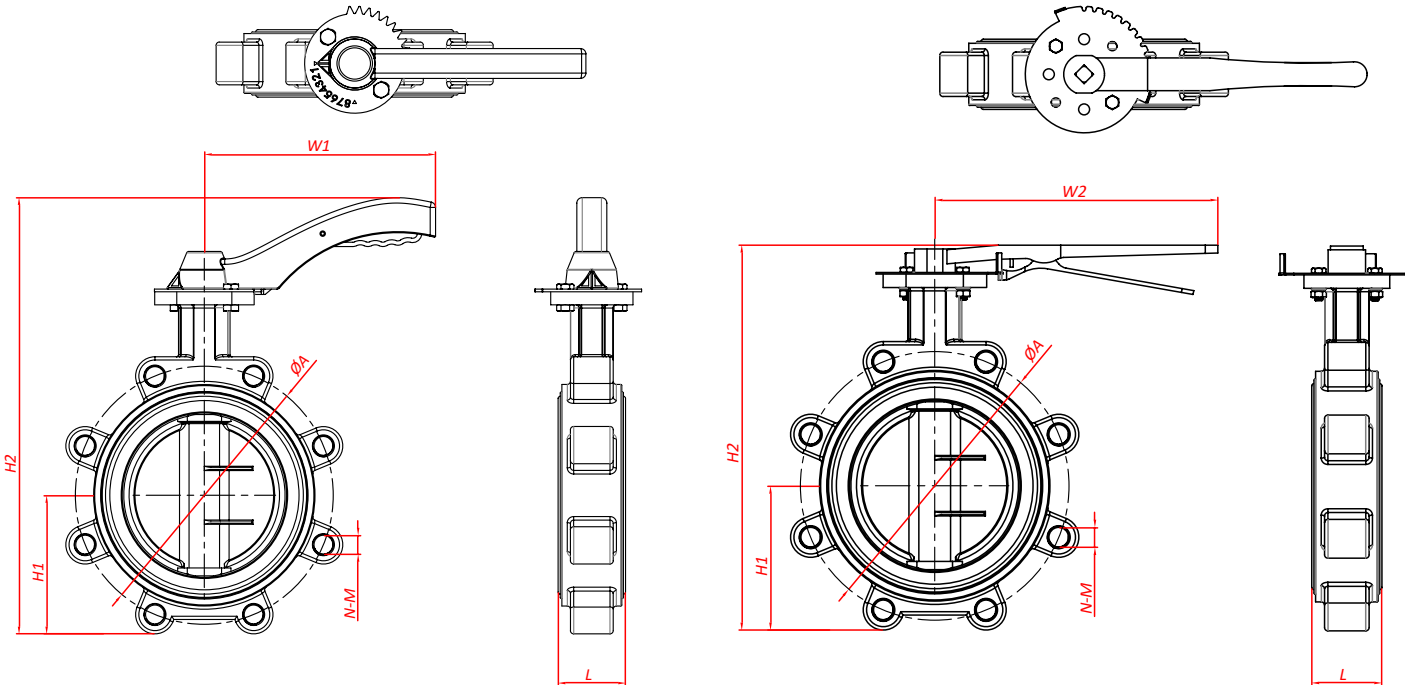
PO8-LM Series:
MANUAL OPERATED LUG TYPE SOFT SEATED BUTTERFLY VALVE

PO8-LM-L : MANUAL HANDLEVER TYPE

DIMENSIONS

ALU-ALLOY HANDLEVER

MILD-STEEL HANDLEVER



DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN10

PN10 PRESSURE RATING	Size	L	GB standard (PN10)		H1	H2	W1	W2
			Φ A	N- M				
	DN40	33	110	4- M16	53	177	115	-
	DN50	42	125	4- M16	55	265	170	230
	DN65	44	145	4- M16	64	287	170	230
	DN80	44	180	8- M16	73	302	170	230
	DN100	50	180	8- M16	88	350	215	260
	DN125	56	210	8- M16	102	372	215	260
	DN150	56	240	8- M20	115	398	215	260
	DN200	60	295	8- M20	149	420	-	355
	DN250	68	350	12- M20	184	487	-	355

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN16

PN16 PRESSURE RATING	Size	L	GB standard (PN16)		H1	H2	W1	W2
			Φ A	N- M				
	DN40	33	110	4- M16	53	177	115	-
	DN50	42	125	4- M16	55	265	170	230
	DN65	44	145	4- M16	64	287	170	230
	DN80	44	180	8- M16	73	302	170	230
	DN100	50	180	8- M16	88	350	215	260
	DN125	56	210	8- M16	102	372	215	260
	DN150	56	240	8- M20	115	398	215	260
	DN200	60	295	12- M20	149	420	-	355
	DN250	68	355	12- M24	184	487	-	355

PO8-LM-L :
MANUAL HANDLEVER TYPE

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING CLASS 150LBS

CLASS 150LBS PRESSURE RATING	Size	L	ANSI standard (CLASS 150LBS)		H1	H2	W1	W2
			Φ A	N- M				
	DN40	33	98.5	4- M5/8"	53	177	115	-
	DN50	42	120.7	4- M5/8"	55	265	170	230
	DN65	44	139.7	4- M5/8"	64	287	170	230
	DN80	44	152.4	4- M5/8"	73	302	170	230
	DN100	50	190.5	8- M5/8"	88	350	215	260
	DN125	56	215.9	8- M3/4"	102	372	215	260
	DN150	56	241.3	8- M3/4"	115	398	215	260
	DN200	60	298.5	8- M3/4"	149	420	-	355
	DN250	68	362	12- M7/8"	184	487	-	355

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 5K

JIS5K PRESSURE RATING	Size	L	JIS standard (JIS5K)		H1	H2	W1	W2
			Φ A	N- M				
	DN40	33	95	4- M12	53	177	115	-
	DN50	42	105	4- M12	55	265	170	230
	DN65	44	130	4- M12	64	287	170	230
	DN80	44	145	4- M16	73	302	170	230
	DN100	50	165	8- M16	88	350	215	260
	DN125	56	200	8- M16	102	372	215	260
	DN150	56	230	8- M16	115	398	215	260
	DN200	60	280	8- M20	149	420	-	355
	DN250	68	345	12- M20	184	487	-	355

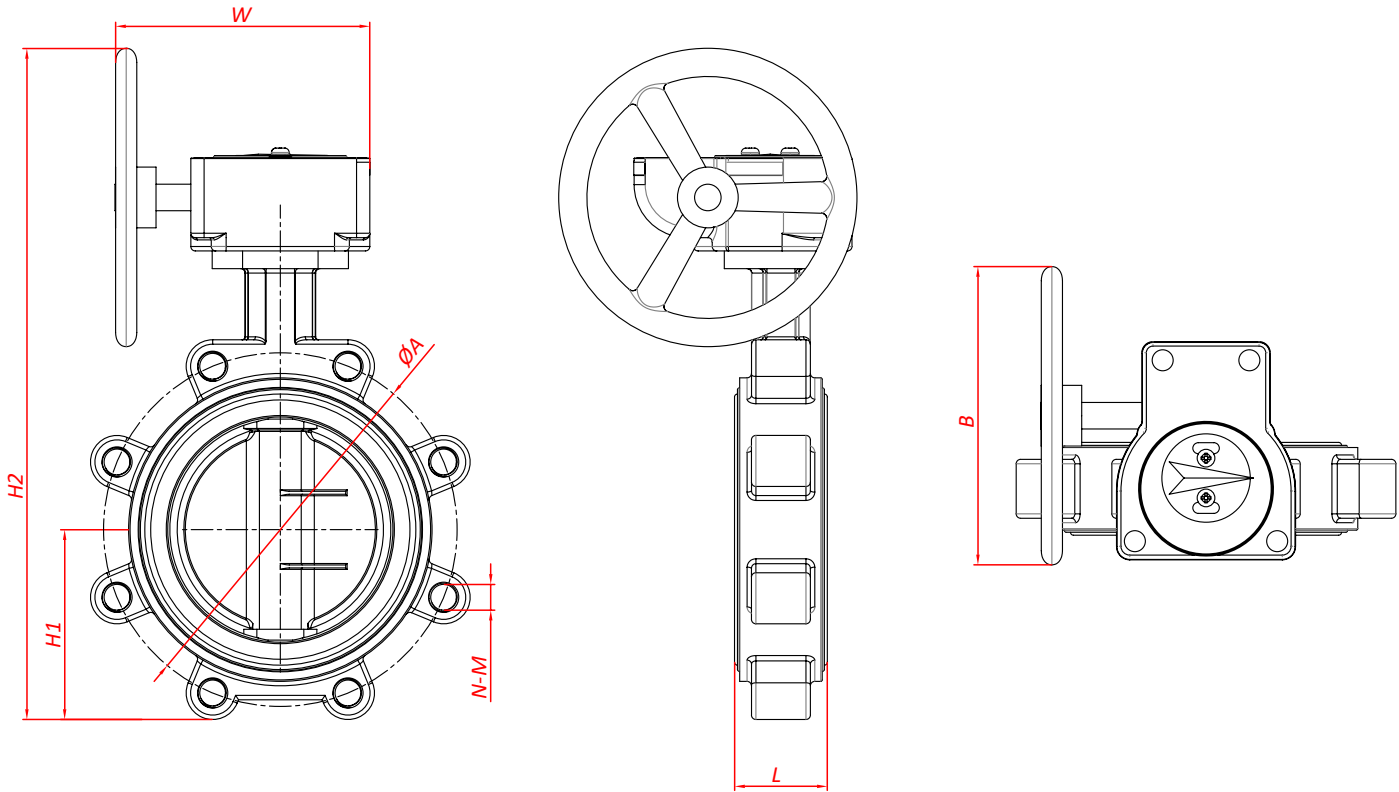
DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 10K

JIS10K PRESSURE RATING	Size	L	JIS standard (JIS10K)		H1	H2	W1	W2
			Φ A	N- M				
	DN40	33	105	4- M16	53	177	115	-
	DN50	42	120	4- M16	55	265	170	230
	DN65	44	140	4- M16	64	287	170	230
	DN80	44	175	8- M16	73	302	170	230
	DN100	50	175	8- M16	88	350	215	260
	DN125	56	210	8- M20	102	372	215	260
	DN150	56	240	8- M20	115	398	215	260
	DN200	60	355	12- M20	149	420	-	355
	DN250	68	355	12- M22	184	487	-	355

PO8-LM Series:
MANUAL OPERATED LUG TYPE SOFT SEATED BUTTERFLY VALVE

PO8-LM-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	DN40	33	110	4-M16	53	260	208	174
	DN50	42	125	4-M16	55	308	208	174
	DN65	44	145	4-M16	64	330	208	174
	DN80	44	180	8-M16	73	345	208	174
	DN100	50	180	8-M16	88	383	208	174
	DN125	56	210	8-M16	102	405	208	174
	DN150	56	240	8-M20	115	431	208	174
	DN200	60	295	8-M20	145	584	299	292
	DN250	68	350	12-M20	184	651	299	292
	DN300	78	400	12-M20	207	712	294	308
	DN350	78	460	16-M20	247	804	294	308
	DN400	102	515	16-M24	275	920	361	426
	DN450	114	565	20-M24	307	983	361	426
	DN500	127	620	20-M24	330	1048	361	426
	DN600	151	725	20-M27	400	1199	417	479
	DN700	163	840	24-M27	520	1470	485	578
	DN800	190	950	24-M30	591	1603	485	578
	DN900	203	1050	28-M30	656	1741	534	650
	DN1000	216	1160	28-M33	722	1887	534	650

PO8-LM-G :
MANUAL GEAR OPERATOR TYPE

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING PN16

PN16 PRESSURE RATING	Size	L	GB standard (PN16)		H1	H	W	B
			ΦA	N-M				
	DN40	33	110	4-M16	53	260	208	174
	DN50	42	125	4-M16	55	308	208	174
	DN65	44	145	4-M16	64	330	208	174
	DN80	44	160	8-M16	73	345	208	174
	DN100	50	180	8-M16	88	383	208	174
	DN125	56	210	8-M16	102	405	208	174
	DN150	56	240	8-M20	115	431	208	174
	DN200	60	295	12-M20	145	584	299	292
	DN250	68	355	12-M24	184	651	299	292
	DN300	78	410	12-M24	207	712	294	308
	DN350	78	470	16-M24	247	804	294	308
	DN400	102	525	16-M27	275	920	361	426
	DN450	114	585	20-M27	307	983	361	426
	DN500	127	650	20-M30	330	1048	361	426
	DN600	151	770	20-M33	400	1199	417	479
	DN700	163	840	24-M33	520	1470	485	578
	DN800	190	950	24-M36	591	1603	485	578
	DN900	203	1050	28-M36	656	1741	534	650
	DN1000	216	1170	28-M39	722	1887	534	650

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING CLASS 150LBS

CLASS 150LBS PRESSURE RATING	Size	L	ANSI standard (CLASS 150LBS)		H1	H	W	B
			ΦA	N-M				
	DN40	33	98.5	4-M5/8"	53	260	208	174
	DN50	42	120.7	4-M5/8"	55	308	208	174
	DN65	44	139.7	4-M5/8"	64	330	208	174
	DN80	44	152.4	4-M5/8"	73	345	208	174
	DN100	50	190.5	8-M5/8"	88	383	208	174
	DN125	56	215.9	8-M3/4"	102	405	208	174
	DN150	56	241.3	8-M3/4"	115	431	208	174
	DN200	60	298.5	8-M3/4"	145	584	299	292
	DN250	68	362	12-M7/8"	184	651	299	292
	DN300	78	431.8	12-M7/8"	207	712	294	308
	DN350	78	476.3	12-M1"	247	804	294	308
	DN400	102	539.8	16-M1"	275	920	361	426
	DN450	114	577.9	16-M11/8"	307	983	361	426
	DN500	127	635	20-M11/8"	330	1048	361	426
	DN600	151	749.3	20-M11/4"	400	1199	417	479
	DN700	163	863.6	28-11/4"	520	1470	485	578
	DN800	190	977.9	28-11/2"	591	1603	485	578
	DN900	203	1085.8	32-11/2"	656	1741	534	650
	DN1000	216	1200.2	36-11/2"	722	1887	534	650

PO8-LM-G :

MANUAL GEAR OPERATOR TYPE

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 5K

	Size	L	JIS standard (JIS5K)		H1	H	W	B
			ΦA	N-M				
JIS5K PRESSURE RATING	DN40	33	95	4-M12	53	260	208	174
	DN50	42	105	4-M12	55	308	208	174
	DN65	44	130	4-M12	64	330	208	174
	DN80	44	145	4-M16	73	345	208	174
	DN100	50	165	8-M16	88	383	208	174
	DN125	56	200	8-M16	102	405	208	174
	DN150	56	230	8-M16	115	431	208	174
	DN200	60	280	8-M20	145	584	299	292
	DN250	68	345	12-M20	184	651	299	292
	DN300	78	390	12-M20	207	712	294	308
	DN350	78	435	12-M22	247	804	294	308
	DN400	102	495	16-M22	275	920	361	426
	DN450	114	555	16-M22	307	983	361	426
	DN500	127	605	20-M22	330	1048	361	426
	DN600	151	715	20-M24	400	1199	417	479
	DN700	163	820	24-M24	520	1470	485	578
	DN800	190	930	24-M30	591	1603	485	578
	DN900	203	1030	24-M30	656	1741	534	650
	DN1000	216	1130	28-M30	722	1887	534	650

DIMENSIONS OF MANUAL TYPE BUTTERFLY VALVE IN RATING JIS 10K

	Size	L	JIS standard (JIS10K)		H1	H	W	B
			ΦA	N-M				
JIS10K PRESSURE RATING	DN40	33	105	4-M16	53	260	208	174
	DN50	42	120	4-M16	55	308	208	174
	DN65	44	140	4-M16	64	330	208	174
	DN80	44	150	8-M16	73	345	208	174
	DN100	50	175	8-M16	88	383	208	174
	DN125	56	210	8-M20	102	405	208	174
	DN150	56	240	8-M20	115	431	208	174
	DN200	60	290	12-M20	145	584	299	292
	DN250	68	355	12-M22	184	651	299	292
	DN300	78	400	16-M22	207	712	294	308
	DN350	78	445	16-M22	247	804	294	308
	DN400	102	510	16-M24	275	920	361	426
	DN450	114	565	20-M24	307	983	361	426
	DN500	127	620	20-M24	330	1048	361	426
	DN600	151	730	24-M30	400	1199	417	479
	DN700	163	840	24-M30	520	1470	485	578
	DN800	190	950	28-M30	591	1603	485	578
	DN900	203	1050	28-M30	656	1741	534	650
	DN1000	216	1160	28-M36	722	1887	534	650