PO8-W SERIES:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE

PO8-WH Series:
HYDRAULIC BUTTERFLY VALVE

DESCRIPTION

The wafer type butterfly valve can be installed with POH Hydraulic Actuator, power supplied by hydraulic oil pressure.

1. Hydraulic actuator with high accuracy, fast response, and can achieve high precision control
2. The transmission is stable and reliable, and the travel regulation is accurate
3. Low speed large torque transmission without speed reduction device

The hydraulic power oil can be supplied by client's hydraulic oil system, or by hydraulic manual operation deck, also the hydraulic actuator can be aseembled with hydraulic oil tank, control system, servo motor to control the valve seperately by hydraulic system.

For more hydraulic and control solutions, please consult with POV team.

ORDERING CODE

PO 8 7 7 □ — 1 □ □ □ — W H —

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	
H	Hydraulic Actuator
M	Hydraulic Actuator c/w Manual Operation
E	Hydraulic Actuator c/w Servo Motor

Fail Position	
D	Fail Stay
O	Fail Open
C	Fail Close

Explosion-Proof Grade	
0	NA
2	EXd II CT5

— □ □ □

Accessory	
BLANK	NA
L	Limit Switch

Accessory	
BLANK	NA
S	Solenoid Valve

Accessory	
BLANK	NA
D	Declutchable Gear

Example: PO8772-12A2-WH-HC0-LS: Hydraulic Butterfly Valve, Ductile Cast Iron Body, SS304 Disc, EPDM Seat, PN10, with Hydraulic actuator, Single acting fail close, c/w Limit switch and Solenoid valve.

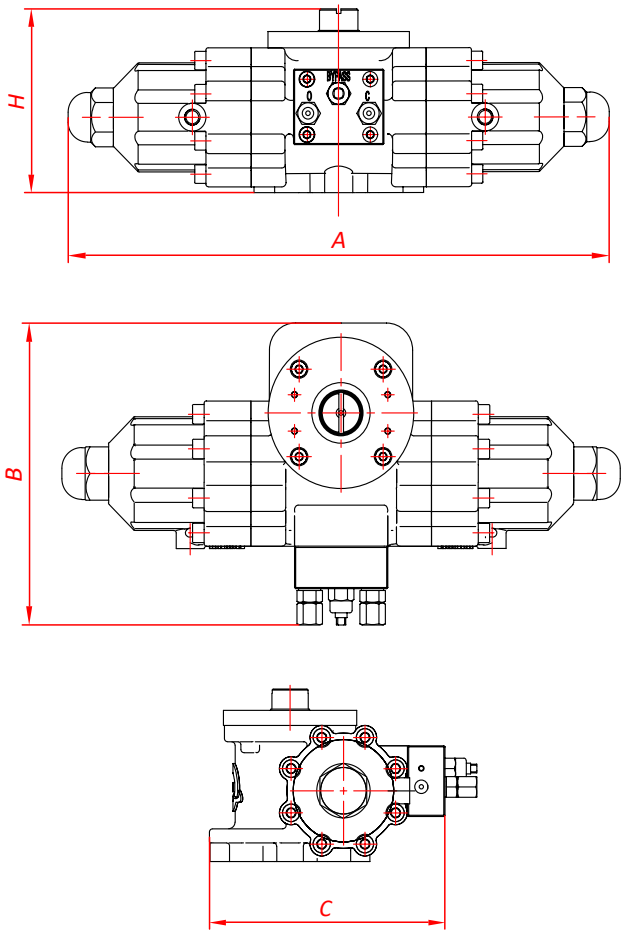
SOFT SEATED BUTTERFLY VALVE

PO8-WH

PO8-WH Series:
HYDRAULIC BUTTERFLY VALVE

HYDRAULIC ACTUATOR TYPES

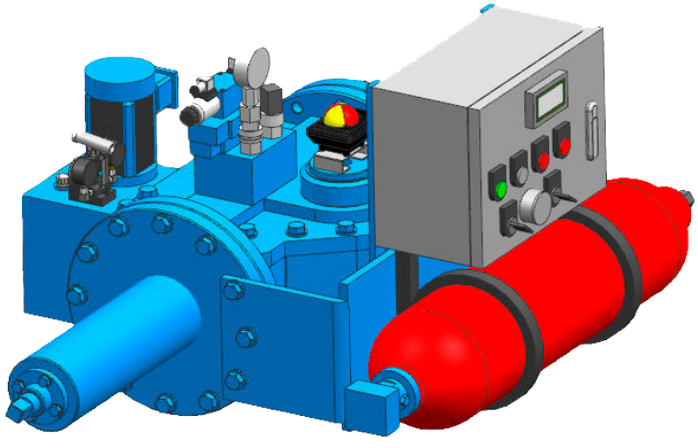
HYDRAULIC DOUBLE ACTING POH-DA/ SINGLE ACTING ACTUATOR POH-SR



MODEL	A	B	C	H
POH-040	309	181	151	96
POH-050	336	208	178	123
POH-060	403	204	174	150
POH-070	468	255	225	168
POH-080	564	280	250	196
POH-100	620	315	285	216
POH-130	678	357	327	259
POH-150	818	419	389	299

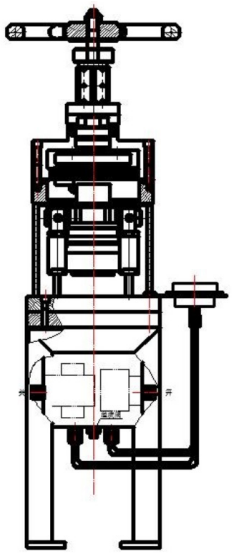
HYDRAULIC ACTUATOR WITH SERVO MOTOR

Hydraulic Actuator Equipped With:
Servo Motor、Accumulator、Oil Tank、PLC Control System、Hydraulic Manifold、Limit Switch and so on.



HYDRAULIC MANUAL OPERATION DECK

Hydraulic Manual Operation Deck is a device to start or stop hydraulic valve. This device can remote control many types of hydraulic valves according to users' requirements.The controlled valves can be installed in any location.

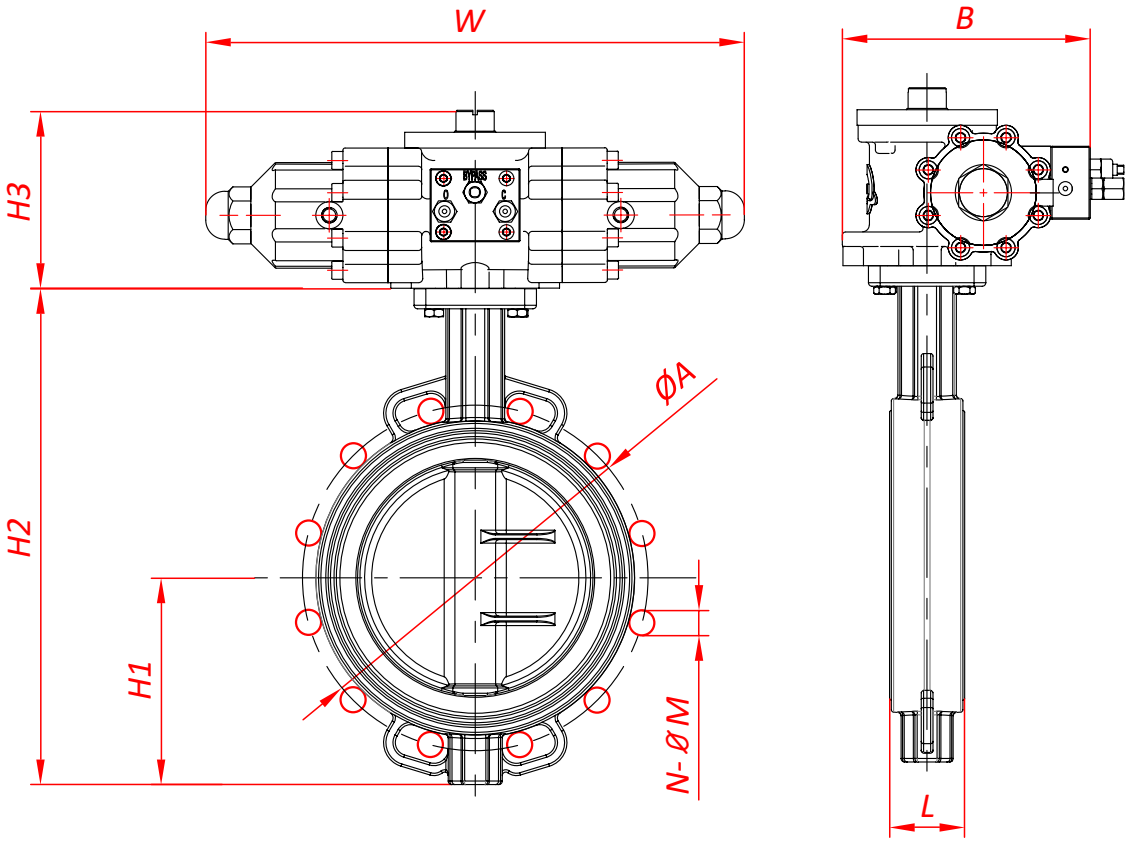


SOFT SEATED BUTTERFLY VALVE

PO8-WH

PO8-WH Series:
HYDRAULIC BUTTERFLY VALVE

DIMENSIONS



DIMENSIONS OF HYDRAULIC BUTTERFLY VALVE IN RATING PN10

	Size	L	GB standard (PN10)		H	H1	POH-DA Double Acting				POH-SR Single Acting			
			ΦA	N-M			W	B	H3	Model	W	B	H3	Model
PN10 PRESSURE RATING	DN25	33	85	4-12	46	140	309	151	96	POH-040	309	151	96	POH-040
	DN32	33	100	4-16	46	140	309	151	96	POH-040	309	151	96	POH-040
	DN40	33	110	4-16	53	147	309	151	96	POH-040	309	151	96	POH-040
	DN50	42	125	4-16	55	195	309	151	96	POH-040	309	151	96	POH-040
	DN65	44	145	4-16	64	217	309	151	96	POH-040	309	151	96	POH-040
	DN80	44	160	8-16	73	232	309	151	96	POH-040	309	151	96	POH-040
	DN100	50	180	8-16	88	270	309	151	96	POH-040	309	151	96	POH-040
	DN125	56	210	8-16	102	292	309	151	96	POH-040	336	178	123	POH-050
	DN150	56	240	8-20	115	318	309	151	96	POH-040	336	178	123	POH-050
	DN200	60	295	8-20	145	390	336	178	123	POH-050	403	174	150	POH-060
	DN250	68	350	12-20	184	457	403	174	150	POH-060	468	225	168	POH-070
	DN300	78	400	12-20	207	518	468	225	168	POH-070	564	250	196	POH-080
	DN350	78	460	16-20	247	610	468	225	168	POH-070	564	250	196	POH-080
	DN400	102	515	16-24	275	650	564	250	196	POH-080	620	285	216	POH-100
	DN450	114	565	20-24	307	713	564	250	196	POH-080	620	285	216	POH-100
	DN500	127	620	20-24	330	768	620	285	216	POH-100	678	327	259	POH-130
	DN600	151	725	20-27	400	919	620	285	216	POH-100	678	327	259	POH-130
	DN700	163	840	24-27	520	1144	678	327	259	POH-130	818	389	299	POH-150
	DN800	190	950	24-30	591	1263	678	327	259	POH-130	818	389	299	POH-150
	DN900	203	1050	28-30	656	1376	678	327	259	POH-130	818	389	299	POH-150
	DN1000	216	1160	28-33	722	1522	818	389	299	POH-150	-	-	-	-

SOFT SEATED BUTTERFLY VALVE

PO8–WH

PO8-WH Series:
HYDRAULIC BUTTERFLY VALVE

DIMENSIONS OF HYDRAULIC BUTTERFLY VALVE IN RATING PN16

PN16 PRESSURE RATING

Size	L	GB standard (PN16)		H	H1	POH-DA Double Acting				POH-SR Single Acting			
		ΦA	N-M			W	B	H3	Model	W	B	H3	Model
DN25	33	85	4-12	46	140	309	151	96	POH-040	309	151	96	POH-040
DN32	33	100	4-16	46	140	309	151	96	POH-040	309	151	96	POH-040
DN40	33	110	4-16	53	147	309	151	96	POH-040	309	151	96	POH-040
DN50	42	125	4-16	55	195	309	151	96	POH-040	309	151	96	POH-040
DN65	44	145	4-16	64	217	309	151	96	POH-040	309	151	96	POH-040
DN80	44	160	8-16	73	232	309	151	96	POH-040	309	151	96	POH-040
DN100	50	180	8-16	88	270	309	151	96	POH-040	309	151	96	POH-040
DN125	56	210	8-16	102	292	309	151	96	POH-040	336	178	123	POH-050
DN150	56	240	8-20	115	318	309	151	96	POH-040	336	178	123	POH-050
DN200	60	295	12-20	145	390	336	178	123	POH-050	403	174	150	POH-060
DN250	68	355	12-24	184	457	403	174	150	POH-060	468	225	168	POH-070
DN300	78	410	12-24	207	518	468	225	168	POH-070	564	250	196	POH-080
DN350	78	470	16-24	247	610	468	225	168	POH-070	564	250	196	POH-080
DN400	102	525	16-27	275	650	564	250	196	POH-080	620	285	216	POH-100
DN450	114	585	20-27	307	713	564	250	196	POH-080	620	285	216	POH-100
DN500	127	650	20-30	330	768	620	285	216	POH-100	678	327	259	POH-130
DN600	151	770	20-33	400	919	620	285	216	POH-100	678	327	259	POH-130
DN700	163	840	24-33	520	1144	678	327	259	POH-130	818	389	299	POH-150
DN800	190	950	24-36	591	1263	678	327	259	POH-130	818	389	299	POH-150
DN900	203	1050	28-36	656	1376	678	327	259	POH-130	818	389	299	POH-150
DN1000	216	1170	28-39	722	1522	818	389	299	POH-150	-	-	-	-

DIMENSIONS OF HYDRAULIC BUTTERFLY VALVE IN RATING CLASS 150LBS

CLASS 150LBS PRESSURE RATING

Size	L	ANSI standard (CLASS 150LBS)		H	H1	POH-DA Double Acting				POH-SR Single Acting			
		ΦA	N-M			W	B	H3	Model	W	B	H3	Model
DN25	33	79.5	4-14	46	140	309	151	96	POH-040	309	151	96	POH-040
DN32	33	88.9	4-14	46	140	309	151	96	POH-040	309	151	96	POH-040
DN40	33	98.5	4-14	53	147	309	151	96	POH-040	309	151	96	POH-040
DN50	42	120.7	4-16	55	195	309	151	96	POH-040	309	151	96	POH-040
DN65	44	139.7	4-16	64	217	309	151	96	POH-040	309	151	96	POH-040
DN80	44	152.4	4-16	73	232	309	151	96	POH-040	309	151	96	POH-040
DN100	50	190.5	8-16	88	270	309	151	96	POH-040	309	151	96	POH-040
DN125	56	215.9	8-20	102	292	309	151	96	POH-040	336	178	123	POH-050
DN150	56	241.3	8-20	115	318	309	151	96	POH-040	336	178	123	POH-050
DN200	60	298.5	8-20	145	390	336	178	123	POH-050	403	174	150	POH-060
DN250	68	362	12-24	184	457	403	174	150	POH-060	468	225	168	POH-070
DN300	78	431.8	12-24	207	518	468	225	168	POH-070	564	250	196	POH-080
DN350	78	476.3	12-27	247	610	468	225	168	POH-070	564	250	196	POH-080
DN400	102	539.8	16-27	275	650	564	250	196	POH-080	620	285	216	POH-100
DN450	114	577.9	16-30	307	713	564	250	196	POH-080	620	285	216	POH-100
DN500	127	635	20-30	330	768	620	285	216	POH-100	678	327	259	POH-130
DN600	151	749.3	20-33	400	919	620	285	216	POH-100	678	327	259	POH-130
DN700	163	863.6	28-33	520	1144	678	327	259	POH-130	818	389	299	POH-150
DN800	190	977.9	28-39	591	1263	678	327	259	POH-130	818	389	299	POH-150
DN900	203	1085.8	32-39	656	1376	678	327	259	POH-130	818	389	299	POH-150
DN1000	216	1200.2	36-39	722	1522	818	389	299	POH-150	-	-	-	-

SOFT SEATED BUTTERFLY VALVE

PO8–WH

PO8-WH Series:
HYDRAULIC BUTTERFLY VALVE

DIMENSIONS OF HYDRAULIC BUTTERFLY VALVE IN RATING JIS5K

JIS5K PRESSURE RATING

Size	L	JIS standard (JIS5K)		H	H1	POH-DA Double Acting				POH-SR Single Acting			
		ΦA	N-M			W	B	H3	Model	W	B	H3	Model
DN25	33	75	4-10	46	140	309	151	96	POH-040	309	151	96	POH-040
DN32	33	90	4-12	46	140	309	151	96	POH-040	309	151	96	POH-040
DN40	33	95	4-12	53	147	309	151	96	POH-040	309	151	96	POH-040
DN50	42	105	4-12	55	195	309	151	96	POH-040	309	151	96	POH-040
DN65	44	130	4-12	64	217	309	151	96	POH-040	309	151	96	POH-040
DN80	44	145	4-16	73	232	309	151	96	POH-040	309	151	96	POH-040
DN100	50	165	8-16	88	270	309	151	96	POH-040	309	151	96	POH-040
DN125	56	200	8-16	102	292	309	151	96	POH-040	336	178	123	POH-050
DN150	56	230	8-16	115	318	309	151	96	POH-040	336	178	123	POH-050
DN200	60	280	8-20	145	390	336	178	123	POH-050	403	174	150	POH-060
DN250	68	345	12-20	184	457	403	174	150	POH-060	468	225	168	POH-070
DN300	78	390	12-20	207	518	468	225	168	POH-070	564	250	196	POH-080
DN350	78	435	12-22	247	610	468	225	168	POH-070	564	250	196	POH-080
DN400	102	495	16-22	275	650	564	250	196	POH-080	620	285	216	POH-100
DN450	114	555	16-22	307	713	564	250	196	POH-080	620	285	216	POH-100
DN500	127	605	20-22	330	768	620	285	216	POH-100	678	327	259	POH-130
DN600	151	715	20-24	400	919	620	285	216	POH-100	678	327	259	POH-130
DN700	163	820	24-30	520	1144	678	327	259	POH-130	818	389	299	POH-150
DN800	190	930	24-30	591	1263	678	327	259	POH-130	818	389	299	POH-150
DN900	203	1030	24-30	656	1376	678	327	259	POH-130	818	389	299	POH-150
DN1000	216	1130	28-30	722	1522	818	389	299	POH-150	-	-	-	-

DIMENSIONS OF HYDRAULIC BUTTERFLY VALVE IN RATING JIS10K

JIS10K PRESSURE RATING

Size	L	JIS standard (JIS10K)		H	H1	POH-DA Double Acting				POH-SR Single Acting			
		ΦA	N-M			W	B	H3	Model	W	B	H3	Model
DN25	33	90	4-12	46	140	309	151	96	POH-040	309	151	96	POH-040
DN32	33	100	4-16	46	140	309	151	96	POH-040	309	151	96	POH-040
DN40	33	105	4-16	53	147	309	151	96	POH-040	309	151	96	POH-040
DN50	42	120	4-16	55	195	309	151	96	POH-040	309	151	96	POH-040
DN65	44	140	4-16	64	217	309	151	96	POH-040	309	151	96	POH-040
DN80	44	150	8-16	73	232	309	151	96	POH-040	309	151	96	POH-040
DN100	50	175	8-16	88	270	309	151	96	POH-040	309	151	96	POH-040
DN125	56	210	8-20	102	292	309	151	96	POH-040	336	178	123	POH-050
DN150	56	240	8-20	115	318	309	151	96	POH-040	336	178	123	POH-050
DN200	60	290	12-20	145	390	336	178	123	POH-050	403	174	150	POH-060
DN250	68	355	12-22	184	457	403	174	150	POH-060	468	225	168	POH-070
DN300	78	400	16-22	207	518	468	225	168	POH-070	564	250	196	POH-080
DN350	78	445	16-22	247	610	468	225	168	POH-070	564	250	196	POH-080
DN400	102	510	16-24	275	650	564	250	196	POH-080	620	285	216	POH-100
DN450	114	565	20-24	307	713	564	250	196	POH-080	620	285	216	POH-100
DN500	127	620	20-24	330	768	620	285	216	POH-100	678	327	259	POH-130
DN600	151	730	24-30	400	919	620	285	216	POH-100	678	327	259	POH-130
DN700	163	840	24-30	520	1144	678	327	259	POH-130	818	389	299	POH-150
DN800	190	950	28-30	591	1263	678	327	259	POH-130	818	389	299	POH-150
DN900	203	1050	28-30	656	1376	678	327	259	POH-130	818	389	299	POH-150
DN1000	216	1160	28-36	722	1522	818	389	299	POH-150	-	-	-	-