PO8-W SERIES:
WAFER TYPE SOFT SEATED BUTTERFLY VALVE

PO8-WZ Series:
MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR

DESCRIPTION

The POZ Multi-turns electric actuator has a variety of forms and functions, and outputs large torque through the gearbox reducer. There is a variety of selection includes Outdoor type, Flameproof type, Intergration type, Integration flameproof type/integration adjusting and flameproof type.

For its operation functions, it include:

1. Common ON-OFF type
2. Integral Regulating type
3. Intelligent ON-OFF/Regulating type

We are also available with other brands of Multi- turns electric actuator, such as Flowinn, Chuanyi, ABB, AUMA and so on. Consult POV for more information

FEATURES

A. Protection grade: IP55(IP65 or IP67 is optional)

B. Explosion-proof Optional:

The explosion-proof grade is explosion-proof Exd II BT4, which is applicable to other explosive mixtures of IIA and IIB, T1~T4 in explosive environments.

C. Power supply:

Standard type: 220V/50hz; 380V/50Hz/3-Phs
24VDC (remote control)
Special type: 3-Phs/ 660V or 415V (50Hz or 60Hz);
1-Phs/ 220V or 110V (50Hz or 60 Hz)

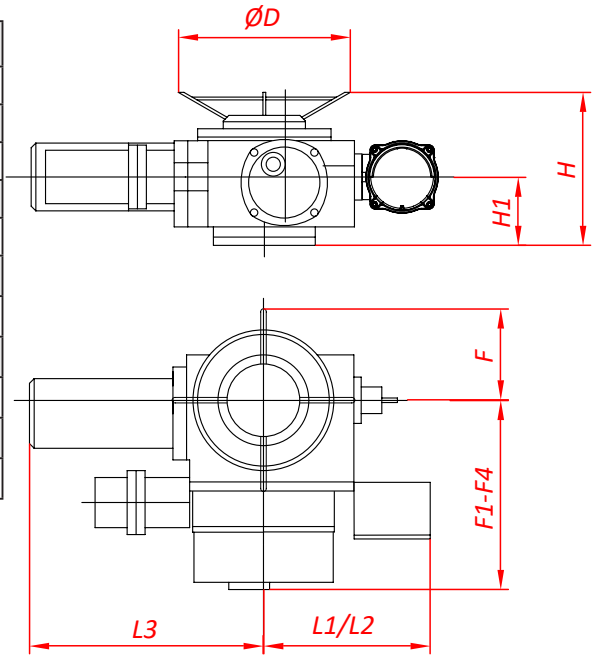
D. Work time: 10 minutes of short-time duty.
(Optional: 15-60Minutes)

E. Working temperature: -20~ +60℃

F. Optional functions: Torque switches, Limit switches,
Space heater, Remote/Local control knob

POZ MULTI-TURNS ELECTRIC ACTUATOR DIMENSIONS

Model	POZ-020	POZ-030	POZ-045	POZ-060	POZ-090	POZ-0120
H	316	316	415	415	453	453
H1	130	130	195	195	195	195
L1	200	200	277	277	281	281
L2	238	238	277	277	281	281
L3	295	295	394	394	412	412
F	200	200	230	230	278	278
F1	255	255	275	275	310	310
F2	317	317	391	391	426	426
F3	349	349	369	369	404	404
F4	374	374	394	394	429	429
ϕD	400	400	460	460	556	556



Note:

1. Dimension L1 for Outdoor type / Explosion- proof type
Dimension L2 for Intergration type / Integration flameproof type
2. Dimension F1 for Outdoor type, F2 for Explosion- proof type, F3 for Intergration type, F4 for Integration flameproof type / Integration flameproof intelligent type.

SOFT SEATED BUTTERFLY VALVE

PO8-WZ

PO8-WZ Series:
MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR

ORDERING CODE

PO 8 9 7 [ ] — 1 [ ] [ ] [ ] — W Z

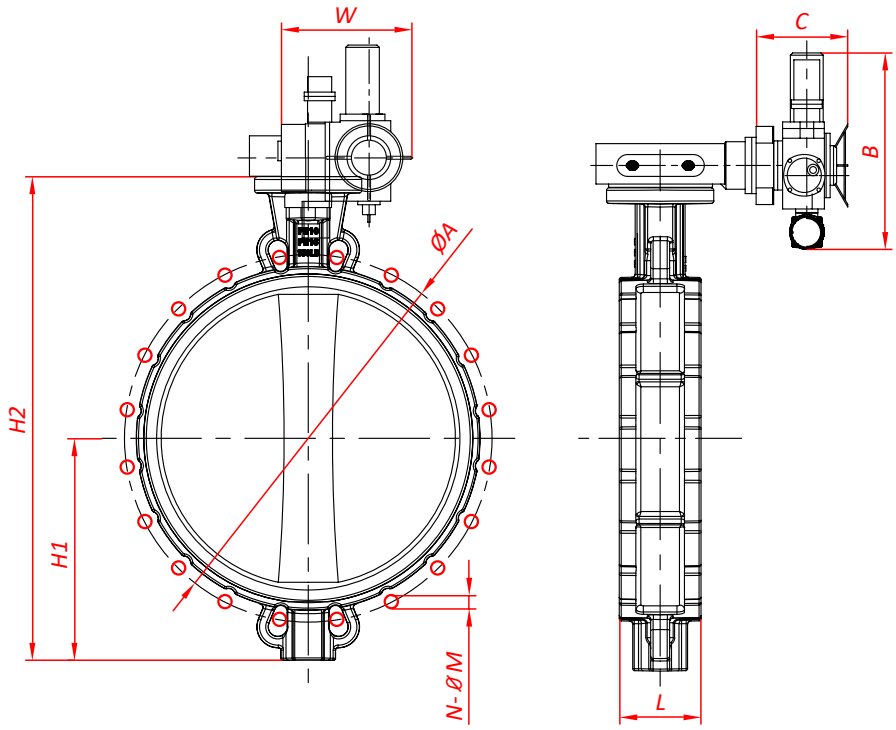
Seal Material	
2	EPDM
3	NBR
4	PTFE
V	VITON
H	HYPALON
Q	SILICON RUBBER
P	POLYURETHANE
F	Others

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

DIMENSIONS



DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR IN RATING PN10

	Size	L	GB standard (PN10)		H1	H2	W	B	C	POZ Model
			ΦA	N-M						
PN10 PRESSURE RATING	DN450	114	565	20-24	307	406	316	533	549	POZ-020
	DN500	127	620	20-24	330	438	316	533	549	POZ-030
	DN600	151	725	20-27	400	519	415	671	599	POZ-045
	DN700	163	840	24-27	520	624	415	671	599	POZ-060
	DN800	190	950	24-30	591	672	453	693	682	POZ-090
	DN900	203	1050	28-30	656	720	453	693	682	POZ-090
	DN1000	216	1160	28-33	722	800	453	693	682	POZ-120

PO8-WZ Series:
MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR

DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR IN RATING PN16

PN16 PRESSURE RATING	Size	L	GB standard (PN16)		H1	H2	W	B	C	POZ Model
			ΦA	N-M						
	DN450	114	585	20-27	307	406	316	533	549	POZ-020
	DN500	127	650	20-30	330	438	316	533	549	POZ-030
	DN600	151	770	20-33	400	519	415	671	599	POZ-045
	DN700	163	840	24-33	520	624	415	671	599	POZ-060
	DN800	190	950	24-36	591	672	453	693	682	POZ-090
	DN900	203	1050	28-36	656	720	453	693	682	POZ-090
	DN1000	216	1170	28-39	722	800	453	693	682	POZ-120

DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR IN RATING CL. 150LBS

CLASS 150LBS PRESSURE RATING	Size	L	ANSI standard (CLASS 150LBS)		H1	H2	W	B	C	POZ Model
			ΦA	N-M						
	DN450	114	577.9	16-30	307	406	316	533	549	POZ-020
	DN500	127	635	20-30	330	438	316	533	549	POZ-030
	DN600	151	749.3	20-33	400	519	415	671	599	POZ-045
	DN700	163	863.6	28-33	520	624	415	671	599	POZ-060
	DN800	190	977.9	28-39	591	672	453	693	682	POZ-090
	DN900	203	1085.8	32-39	656	720	453	693	682	POZ-090
	DN1000	216	1200.2	36-39	722	800	453	693	682	POZ-120

DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR IN RATING JIS5K

JIS5K PRESSURE RATING	Size	L	JIS standard (JIS 5K)		H1	H2	W	B	C	POZ Model
			ΦA	N-M						
	DN450	114	555	16-22	307	406	316	533	549	POZ-020
	DN500	127	605	20-22	330	438	316	533	549	POZ-030
	DN600	151	715	20-24	400	519	415	671	599	POZ-045
	DN700	163	820	24-30	520	624	415	671	599	POZ-060
	DN800	190	930	24-30	591	672	453	693	682	POZ-090
	DN900	203	1030	24-30	656	720	453	693	682	POZ-090
	DN1000	216	1130	28-30	722	800	453	693	682	POZ-120

DIMENSIONS OF MOTORIZED BUTTERFLY VALVE WITH MUTIL-TURNS ACTUATOR IN RATING JIS 10K

JIS 10K PRESSURE RATING	Size	L	JIS standard (JIS 10K)		H1	H2	W	B	C	POZ Model
			ΦA	N-M						
	DN450	114	565	20-24	307	406	316	533	549	POZ-020
	DN500	127	620	20-24	330	438	316	533	549	POZ-030
	DN600	151	730	24-30	400	519	415	671	599	POZ-045
	DN700	163	840	24-30	520	624	415	671	599	POZ-060
	DN800	190	950	28-30	591	672	453	693	682	POZ-090
	DN900	203	1050	28-30	656	720	453	693	682	POZ-090
	DN1000	216	1160	28-36	722	800	453	693	682	POZ-120