SOFT SEATED BUTTERFLY VALVE

PO8-WP

PO8-WP Series:
PNEUMATIC BUTTERFLY VALVE WITH PISTON TYPE ACTUATOR

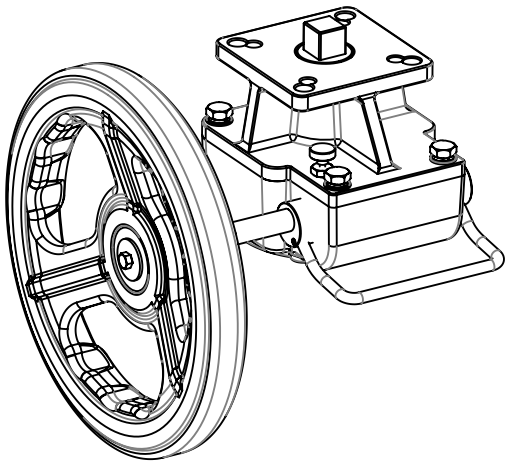
PO8-WP-D : PNEUMATIC ACTUATOR C/W MANUAL OVERRIDE

FEATURES

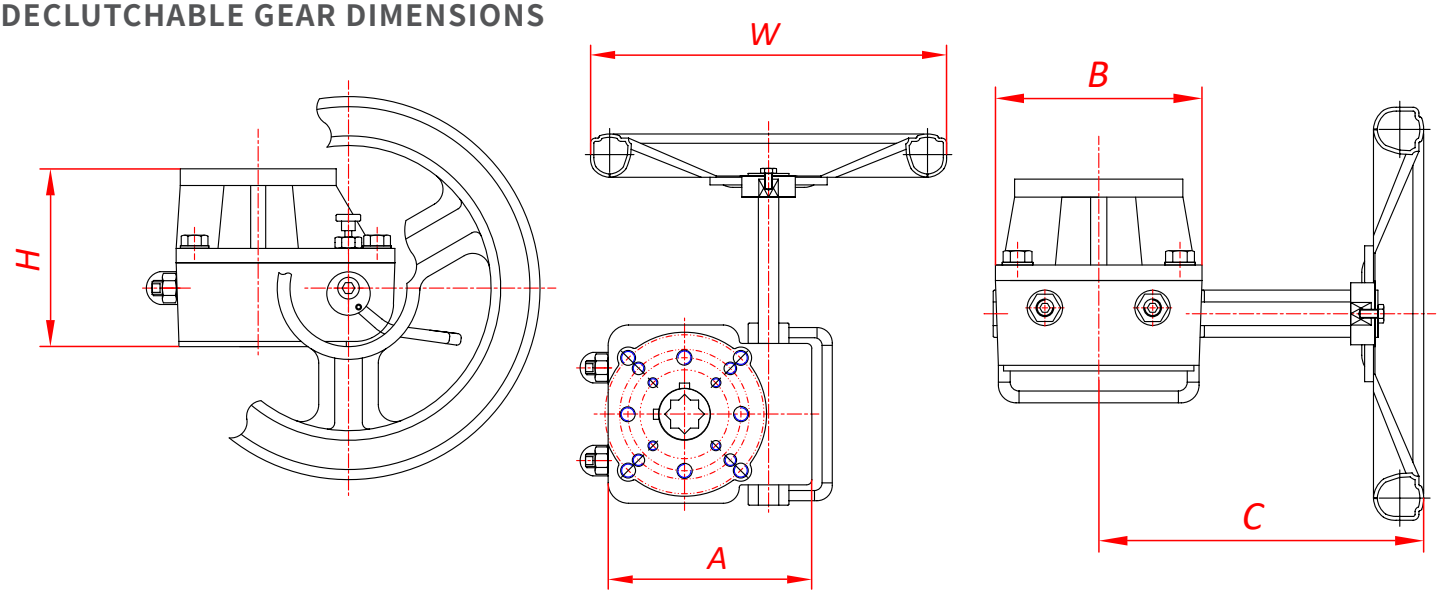
The POD Series declutchable gear is used to connect the pneumatic actuator and butterfly valves.

With the manual handwheel, the valve can be driven by pneumatically or manually when emergency case or power failure.

1. Compact size, light weight, reasonable design and novel style
2. The gear can matching with pneumatic devices and various valves.
3. Lift the limit pull ring, rotate the eccentric device 90 ° limit pin for automatic limit, and realize pneumatic operation, otherwise, realize manual operation.
4. The POD declutchable gear is equipped with special grease. After assembly with the valve, it is sealed as a whole to prevent dust and water The protection grade is IP65, IP67 and IP68.
5. The POD declutchable gear can be assembled with double acting or single acting actuator.
6. The POD declutchable gear can be equipped with all kinds of accessories to achieve the function of ON-OFF, Regulating, Remote control, available with Non-Explosion-proof type or ExmbIICT4/ EX d IIB T6/ EX d IIC T6/ EX ia IIC T6.



DECLUTCHABLE GEAR DIMENSIONS



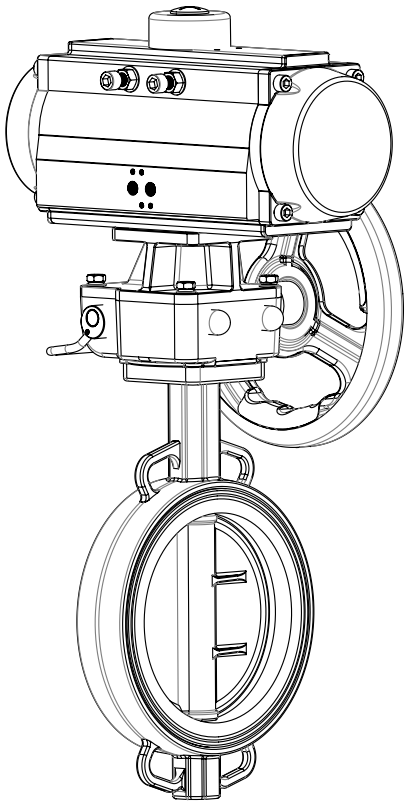
Model	POD-01	POD-02	POD-03	POD-04	POD-05	POD-06
A	115	135	166	202	256	298
B	90	125	140	188	232	275
C	144	178	212	280	305	410
H	104	115	158	165	170	188
W	180	200	280	320	400	500
POADA Model	POADA-20 POADA-40 POADA-80 POADA-130	POADA-200	POADA-300 POADA-500	POADA-850 POADA-1200	POADA-1750 POADA-2100	POADA-2500
POASR Model	POASR-20K(B) POASR-40K(B) POASR-80K(B) POASR-130K(B)	POASR-200K(B)	POASR-300K(B)	POASR-500K(B) POASR-850K(B)	POASR-1200K(B) POASR-1750K(B)	POASR-2100K(B) POASR-2500K(B)

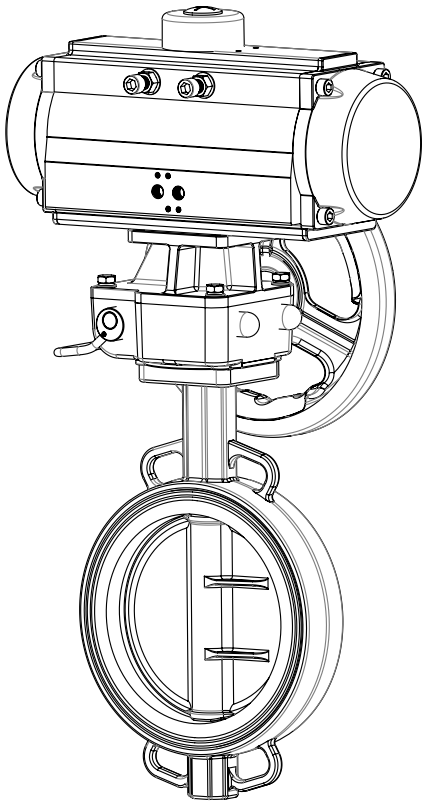
SOFT SEATED BUTTERFLY VALVE

PO8-WP

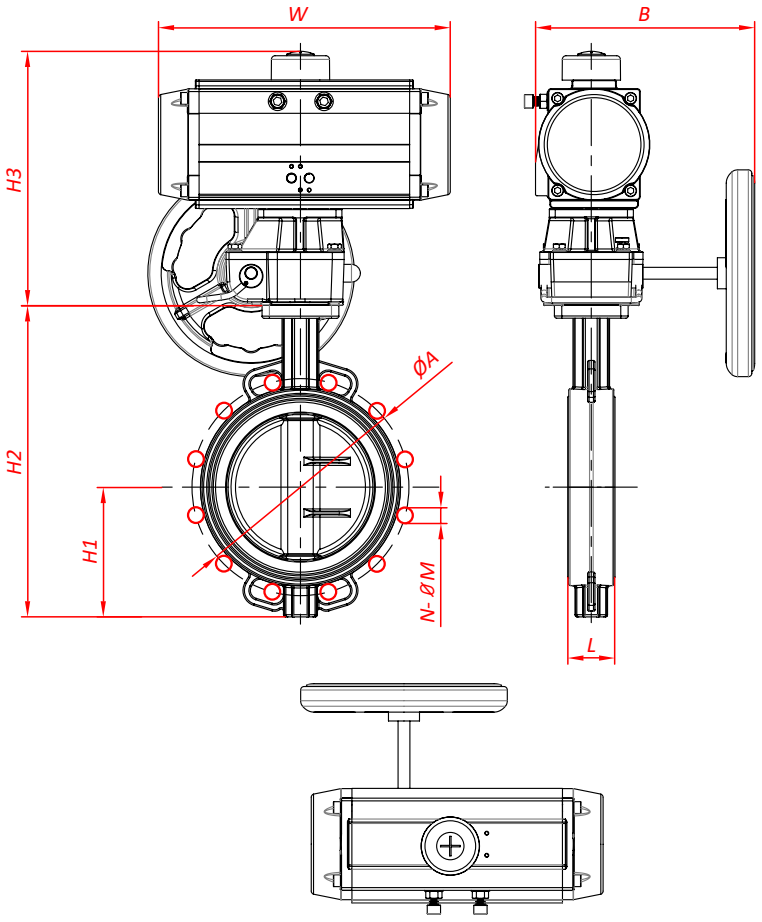
PO8-WP-D:
PNEUMATIC ACTUATOR C/W MANUAL OVERRIDE

FEATURES

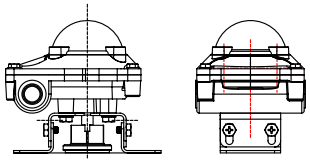




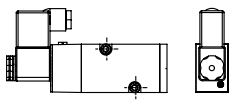
DIMENSIONS



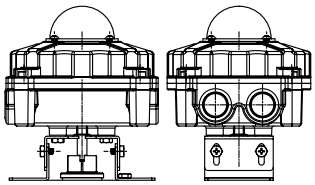
Limit Switch - Non-Ex Type



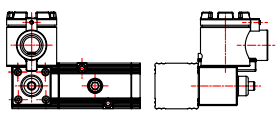
Solenoid Valve - Non-Ex Type



Limit Switch - Ex Type



Solenoid Valve - Ex Type

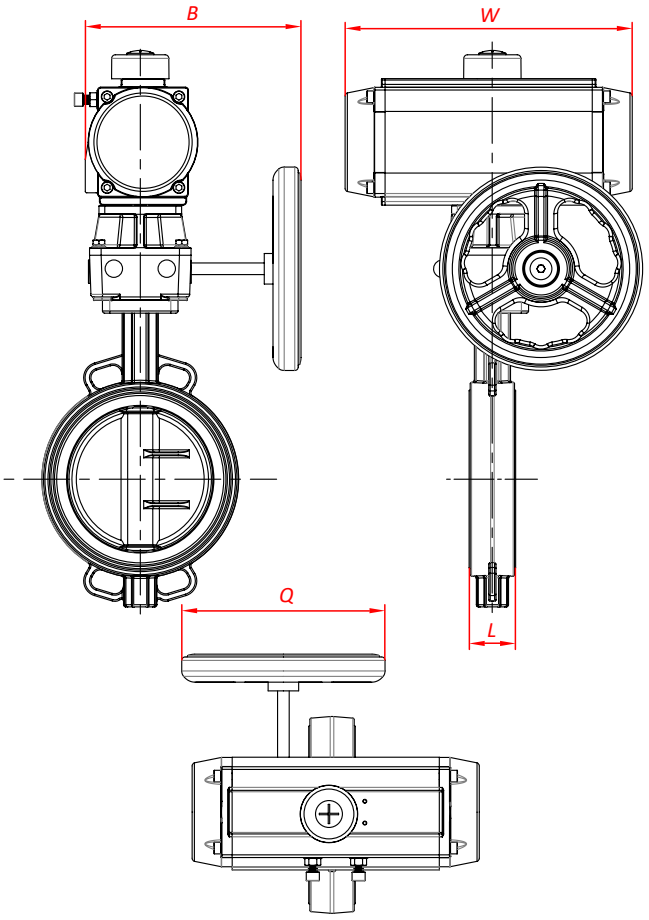


SOFT SEATED BUTTERFLY VALVE

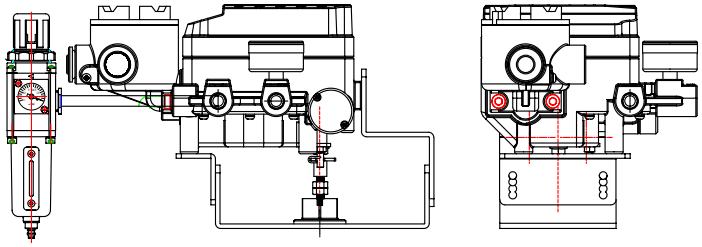
PO8-WP

PO8-WP-D:
PNEUMATIC ACTUATOR C/W MANUAL OVERRIDE

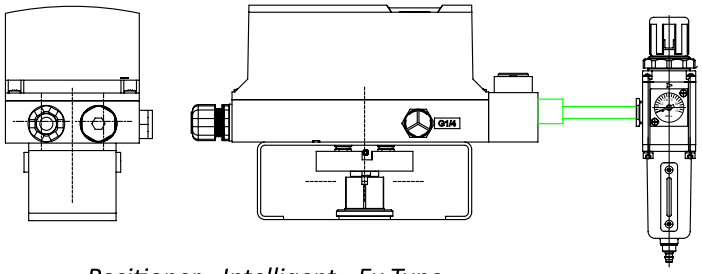
DIMENSIONS



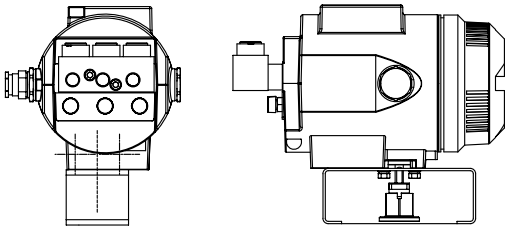
Positioner - Mechnical - Non-Ex/ Ex Type



Positioner - Intelligent - Non-Ex Type



Positioner - Intelligent - Ex Type



DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE IN RATING PN10

	Size	L	GB standard (PN10)		H1	H2	H3	W	B	Q	POADA Model	H3	W	B	Q	POASR Model
			ΦA	N-M			DOUBLE ACTING TYPE					SINGLE ACTING TYPE				
PN10 PRESSURE RATING	DN25	33	85	4-12	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN32	33	100	4-16	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN40	33	110	4-16	53	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN50	42	125	4-16	55	140	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN65	44	145	4-16	64	153	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN80	44	160	8-16	73	159	192	168	180	180	POADA-40	204	182	186	180	POASR-80K(B)
	DN100	50	180	8-16	88	182	204	182	186	180	POADA-80	214	202	190	180	POASR-130K(B)
	DN125	56	210	8-16	102	190	214	202	190	180	POADA-130	250	268	235	200	POASR-200K(B)
	DN150	56	240	8-20	115	203	250	268	235	200	POADA-200	315	300	279	280	POASR-300K(B)
	DN200	60	295	8-20	145	245	315	300	279	280	POADA-300	339	395	355	320	POASR-500K(B)
	DN250	68	350	12-20	184	273	332	395	287	280	POADA-500	363	462	367	320	POASR-850K(B)
	DN300	78	400	12-20	207	311	363	462	367	320	POADA-850	402	510	408	400	POASR-1200K(B)
	DN350	78	460	16-20	247	363	397	510	383	320	POADA-1200	426	557	418	400	POASR-1750K(B)
	DN400	102	515	16-24	275	375	426	557	418	400	POADA-1750	479	660	540	500	POASR-2100K(B)
	DN450	114	565	20-24	307	406	461	660	435	400	POADA-2100	520	727	556	500	POASR-2500K(B)
	DN500	127	620	20-24	330	438	520	727	556	500	POADA-2500	-	-	-	-	-

SOFT SEATED BUTTERFLY VALVE

PO8-WP

PO8-WP-D:
PNEUMATIC ACTUATOR C/W MANUAL OVERRIDE

DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE IN RATING PN16

PN16 PRESSURE RATING

Size	L	GB standard (PN16)		H1	H2	H3	W	B	Q	POADA Model	H3	W	B	Q	POASR Model
		ΦA	N-M			DOUBLE ACTING TYPE					SINGLE ACTING TYPE				
DN25	33	85	4-12	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN32	33	100	4-16	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN40	33	110	4-16	53	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN50	42	125	4-16	55	140	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
DN65	44	145	4-16	64	153	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
DN80	44	160	8-16	73	159	192	168	180	180	POADA-40	204	182	186	180	POASR-80K(B)
DN100	50	180	8-16	88	182	204	182	186	180	POADA-80	214	202	190	180	POASR-130K(B)
DN125	56	210	8-16	102	190	214	202	190	180	POADA-130	250	268	235	200	POASR-200K(B)
DN150	56	240	8-20	115	203	250	268	235	200	POADA-200	315	300	279	280	POASR-300K(B)
DN200	60	295	12-20	145	245	315	300	279	280	POADA-300	339	395	355	320	POASR-500K(B)
DN250	68	355	12-24	184	273	332	395	287	280	POADA-500	363	462	367	320	POASR-850K(B)
DN300	78	410	12-24	207	311	363	462	367	320	POADA-850	402	510	408	400	POASR-1200K(B)
DN350	78	470	16-24	247	363	397	510	383	320	POADA-1200	426	557	418	400	POASR-1750K(B)
DN400	102	525	16-27	275	375	426	557	418	400	POADA-1750	479	660	540	500	POASR-2100K(B)
DN450	114	585	20-27	307	406	461	660	435	400	POADA-2100	520	727	556	500	POASR-2500K(B)
DN500	127	650	20-30	330	438	520	727	556	500	POADA-2500	-	-	-	-	-

DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE IN RATING CLASS150LBS

CLASS 150LBS PRESSURE RATING

Size	L	ANSI standard (CLASS 150LBS)		H1	H2	H3	W	B	Q	POADA Model	H3	W	B	Q	POASR Model
		ΦA	N-M			DOUBLE ACTING TYPE					SINGLE ACTING TYPE				
DN25	33	79.5	4-14	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN32	33	88.9	4-14	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN40	33	98.5	4-14	53	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
DN50	42	120.7	4-16	55	140	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
DN65	44	139.7	4-16	64	153	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
DN80	44	152.4	4-16	73	159	192	168	180	180	POADA-40	204	182	186	180	POASR-80K(B)
DN100	50	190.5	8-16	88	182	204	182	186	180	POADA-80	214	202	190	180	POASR-130K(B)
DN125	56	215.9	8-20	102	190	214	202	190	180	POADA-130	250	268	235	200	POASR-200K(B)
DN150	56	241.3	8-20	115	203	250	268	235	200	POADA-200	315	300	279	280	POASR-300K(B)
DN200	60	298.5	8-20	145	245	315	300	279	280	POADA-300	339	395	355	320	POASR-500K(B)
DN250	68	362	12-24	184	273	332	395	287	280	POADA-500	363	462	367	320	POASR-850K(B)
DN300	78	431.8	12-24	207	311	363	462	367	320	POADA-850	402	510	408	400	POASR-1200K(B)
DN350	78	476.3	12-27	247	363	397	510	383	320	POADA-1200	426	557	418	400	POASR-1750K(B)
DN400	102	539.8	16-27	275	375	426	557	418	400	POADA-1750	479	660	540	500	POASR-2100K(B)
DN450	114	577.9	16-30	307	406	461	660	435	400	POADA-2100	520	727	556	500	POASR-2500K(B)
DN500	127	650	20-30	330	438	520	727	556	500	POADA-2500	-	-	-	-	-

SOFT SEATED BUTTERFLY VALVE

PO8-WP

PO8-WP-D:
PNEUMATIC ACTUATOR C/W MANUAL OVERRIDE

DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE IN RATING JIS5K

	Size	L	JIS standard (JIS 5K)		H1	H2	H3	W	B	Q	POADA Model	H3	W	B	Q	POASR Model
			ΦA	N-M			DOUBLE ACTING TYPE					SINGLE ACTING TYPE				
JIS 5K PRESSURE RATING	DN25	33	75	4-10	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN32	33	90	4-12	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN40	33	95	4-12	53	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN50	42	105	4-12	55	140	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN65	44	130	4-12	64	153	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN80	44	145	4-16	73	159	192	168	180	180	POADA-40	204	182	186	180	POASR-80K(B)
	DN100	50	165	8-16	88	182	204	182	186	180	POADA-80	214	202	190	180	POASR-130K(B)
	DN125	56	200	8-16	102	190	214	202	190	180	POADA-130	250	268	235	200	POASR-200K(B)
	DN150	56	230	8-16	115	203	250	268	235	200	POADA-200	315	300	279	280	POASR-300K(B)
	DN200	60	280	8-20	145	245	315	300	279	280	POADA-300	339	395	355	320	POASR-500K(B)
	DN250	68	345	12-20	184	273	332	395	287	280	POADA-500	363	462	367	320	POASR-850K(B)
	DN300	78	390	12-20	207	311	363	462	367	320	POADA-850	402	510	408	400	POASR-1200K(B)
	DN350	78	435	12-22	247	363	397	510	383	320	POADA-1200	426	557	418	400	POASR-1750K(B)
	DN400	102	495	16-22	275	375	426	557	418	400	POADA-1750	479	660	540	500	POASR-2100K(B)
	DN450	114	555	16-22	307	406	461	660	435	400	POADA-2100	520	727	556	500	POASR-2500K(B)
	DN500	127	650	20-30	330	438	520	727	556	500	POADA-2500	-	-	-	-	-

DIMENSIONS OF PNEUMATIC BUTTERFLY VALVE IN RATING JIS10K

	Size	L	JIS standard (JIS 10K)		H1	H2	H3	W	B	Q	POADA Model	H3	W	B	Q	POASR Model
			ΦA	N-M			DOUBLE ACTING TYPE					SINGLE ACTING TYPE				
JIS 10K PRESSURE RATING	DN25	33	90	4-12	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN32	33	100	4-16	46	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN40	33	105	4-16	53	94	176	145	174	180	POADA-20	176	145	174	180	POASR-20K(B)
	DN50	42	120	4-16	55	140	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN65	44	140	4-16	64	153	176	145	174	180	POADA-20	192	168	180	180	POASR-40K(B)
	DN80	44	150	8-16	73	159	192	168	180	180	POADA-40	204	182	186	180	POASR-80K(B)
	DN100	50	175	8-16	88	182	204	182	186	180	POADA-80	214	202	190	180	POASR-130K(B)
	DN125	56	210	8-20	102	190	214	202	190	180	POADA-130	250	268	235	200	POASR-200K(B)
	DN150	56	240	8-20	115	203	250	268	235	200	POADA-200	315	300	279	280	POASR-300K(B)
	DN200	60	290	12-20	145	245	315	300	279	280	POADA-300	339	395	355	320	POASR-500K(B)
	DN250	68	355	12-22	184	273	332	395	287	280	POADA-500	363	462	367	320	POASR-850K(B)
	DN300	78	400	16-22	207	311	363	462	367	320	POADA-850	402	510	408	400	POASR-1200K(B)
	DN350	78	445	16-22	247	363	397	510	383	320	POADA-1200	426	557	418	400	POASR-1750K(B)
	DN400	102	510	16-24	275	375	426	557	418	400	POADA-1750	479	660	540	500	POASR-2100K(B)
	DN450	114	565	20-24	307	406	461	660	435	400	POADA-2100	520	727	556	500	POASR-2500K(B)
	DN500	127	650	20-30	330	438	520	727	556	500	POADA-2500	-	-	-	-	-