

# ● Double acting type: Type PN1400N

Operating pressure :  $0.4 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$  MPa

Rubber diaphragm(* 1)														
Nominal Size DN	Fluid pressure(MPa)													
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
15					07									
20					07								09	
25					07							09		
40				09						12				
50					12						16			
65					16									
80					20									
100				20				25						
125			20			25								
150		20		25										

PTFE diaphragm(* 2)										
Nominal Size DN	Fluid pressure(MPa)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
15				07						
20				07					09	
25				07				09		
40			09				12			
50					12				16	
65					16					
80					20					
100			20					25		
125		20		25						
150		20		25						

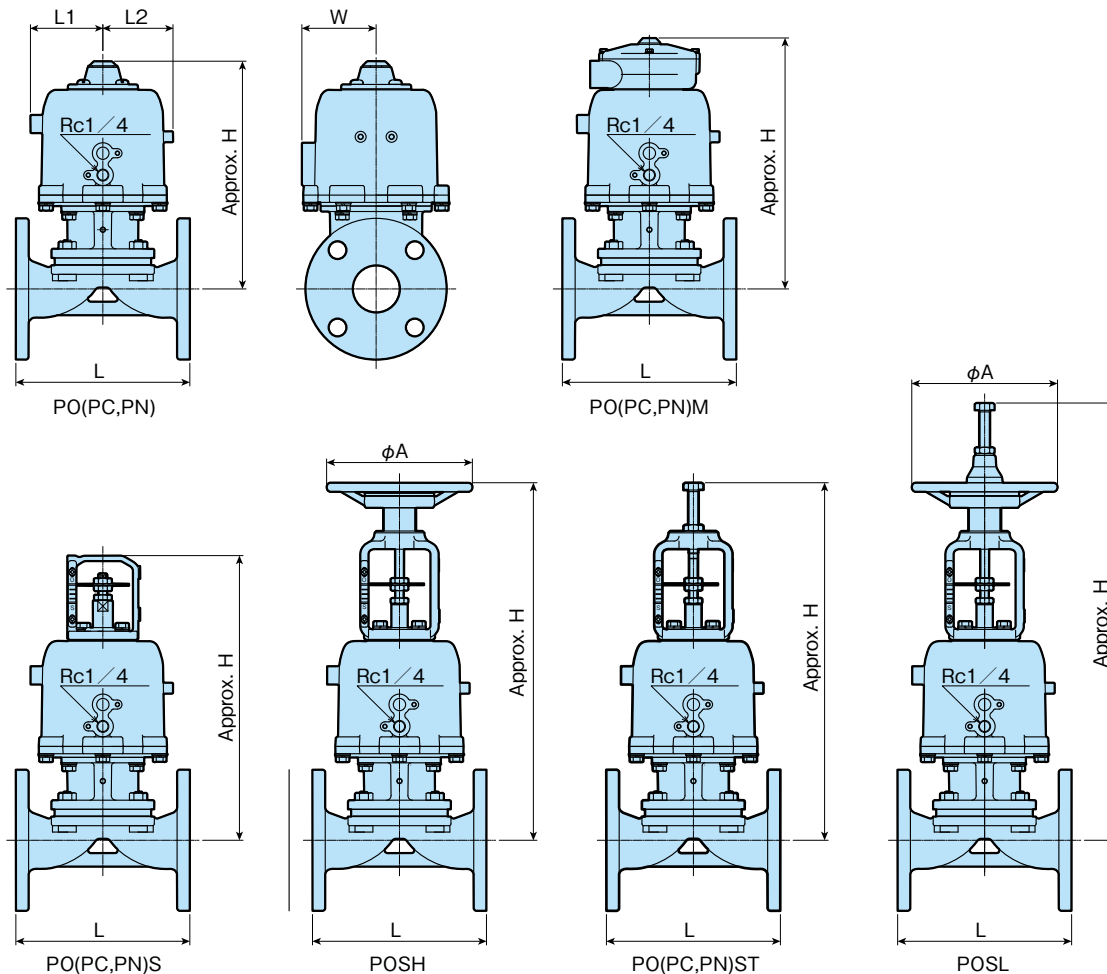
Operating pressure :  $0.3 \begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$  MPa (Optional)

Rubber diaphragm(* 1)														
Nominal Size DN	Fluid pressure(MPa)													
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4
15							07							
20				07					09					
25		07						09				12		
40		09							12			16		
50			12							16				
65					16									
80				20					25					
100		20						25						

PTFE diaphragm(* 2)										
Nominal Size DN	Fluid pressure(MPa)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
15				07					09	
20		07						09		12
25		07							12	
40			09					12		
50			12					16		
65					16					
80				20					25	
100		20						25		

## ② Principal dimensions

## ● Type PO(PC, PN) 1400N Principal dimensions



Unit: mm

Nominal Size DN	Face-to-face length: L		Actuator Code	Principal dimensions										
	Other than rubber-lined and resin-lined	Rubber-lined and resin-lined		Approx. H							A	W	L1	L2
				PO PC PN	POM PCM PNM	POS PCS PNS	POSH — —	POST PCST PNST	POSL — —					
15	102	107	07	196	221	258	321	338	411	160	56	54	52	
			09	218	243	280	343	360	433	160	64	62	59	
20	118	123	07	192	217	254	319	334	409	160	56	54	52	
			09	214	239	276	341	356	431	160	64	62	59	
			12	221	246	283	348	363	438	160	82	80	77	
25	127	132	07	204	229	266	333	346	423	160	56	54	52	
			09	226	251	288	355	368	445	160	64	62	59	
			12	233	258	295	362	375	452	160	82	80	77	
40	159	165	09	232	258	295	366	375	456	160	64	62	59	
			12	239	265	302	373	382	463	160	82	80	77	
			16	265	303	373	499	507	603	250	101	98	96	
50	191	197	12	248	273	310	388	390	477	160	82	80	77	
			16	274	312	381	514	515	617	250	101	98	96	
65	216	222	16	291	354	398	535	532	639	250	101	98	96	
			20	342	405	449	586	598	705	250	122	119	117	
80	254	260	20	359	422	466	609	615	728	250	122	119	117	
			25	397	460	516	683	681	822	400	147	143	143	
100	305	313	20	375	438	483	636	632	755	250	122	119	117	
			25	414	476	532	710	697	849	400	147	143	143	
125	356	364	20	439	502	547	700	696	819	250	122	119	117	
			25	478	540	596	774	761	913	400	147	143	143	
150	406	414	20	461	524	569	722	718	841	250	122	119	117	
			25	500	562	618	796	783	935	400	147	143	143	

# Type PO(PC, PN) 1400N Mass table

Unit: approx. kg

Nominal Size DN	Operation Actuator Code	Basic type			Additional mass for ancillary device				
		PO	PC	PN	POM PCM PNM	POS PCS PNS	POSH — —	POST PCST PNST	POSL — —
15	07	3.1	3	2.9	+0.5	+0.6	+2	+1.5	+2.5
	09	3.6	3.5	3.3					
20	07	3.3	3.2	3.1					
	09	3.8	3.7	3.5					
	12	5.6	4.7	4.3					
25	07	4.6	4.5	4.4					
	09	5.1	5	4.8					
	12	6.9	6	5.6					
40	09	7.2	7.1	6.9					
	12	9	8.1	7.7					
	16	12.4	10.5	10	+1	+1.5	+6.2	+4.3	+7.9
50	12	11.3	10.4	10	+0.5	+0.6	+2	+1.5	+2.5
	16	14.7	12.8	12.3	+1	+1.5	+6.2	+4.3	+7.9
65	16	18.5	16.6	16.1					
	20	24.5	21.5	20					
80	20	29.3	26.3	24.8	+1.3	+2.6	+11.8	+7.5	+15
	25	42.7	31	29.5	+1	+1.5	+6.2	+4.3	+7.9
100	20	37.5	34.5	33	+1.3	+2.6	+11.8	+7.5	+15
	25	50.9	39.2	37.7	+2	+1.5	+6.2	+4.3	+7.9
125	20	64	61	59	+2	+2.6	+11.8	+7.5	+15
	25	77	66	64	+2	+1.5	+6.2	+4.3	+7.9
150	20	82	79	78	+2	+2.6	+11.8	+7.5	+15
	25	95	84	82	+2	+1.5	+6.2	+4.3	+7.9

• The table represents data for our standard cast iron body of 10K with flange.