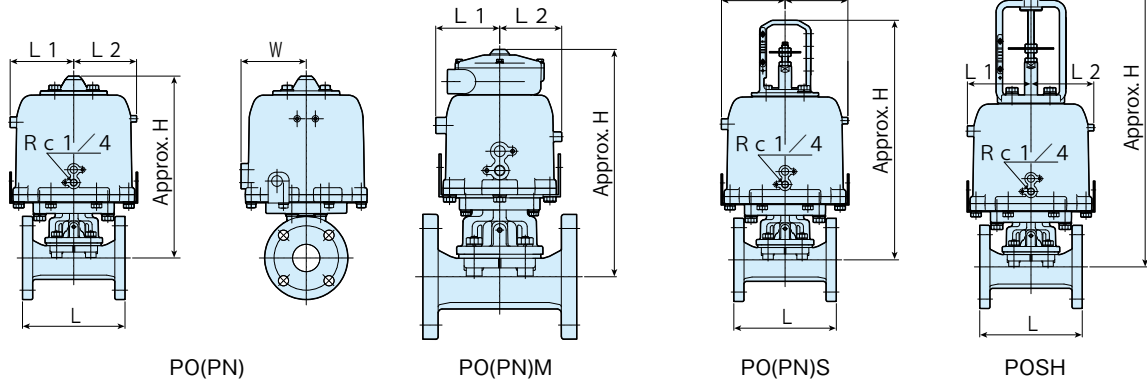


● Double acting type: Type PN1500N

MPa in the table below

Nominal Size DN	Actuator Code	Fluid pressure(MPa)						
		0.1	0.2	0.3	0.4	0.5	0.6	0.7
15/20	09	0.25		0.3			0.35	
25/40	12	0.25		0.3			0.35	
50	16	0.2		0.25			0.3	0.35
65	20		0.2		0.25		0.3	
80	20	0.25		0.25	0.3		0.35	0.4
100	25		0.2		0.25		0.3	

● Type PO(PN) 1500N principal dimensions



Unit: mm

	Nominal Size DN	Face-to-face length: L		Actuator Code	Principal dimensions							
		Other than rubber-lined	Rubber-lined		Approx. H				A	W	L1	L2
					PO PN	POM PNM	POS PMS	POSH				
Single acting type (PO)	15	102	107	12B	228	253	290	357	160	82	80	77
	20	118	123	12B	228	253	290	357	160	82	80	77
	25	127	132	16BC	277	315	385	517	250	101	98	96
	40	159	165	16BC	277	315	385	517	250	101	98	96
	50	191	197	20BC	340	403	447	584	250	122	119	117
	65	216	222	25BC	405	468	524	702	400	147	143	143
	80	254	260	25ABC	426	489	545	723	400	147	143	143
100	305	313	25ABC	427	490	546	724	400	147	143	143	
Double acting type (PN)	15	102	107	09	221	246	283	—	—	64	62	59
	20	118	123	09	221	246	283	—	—	64	62	59
	25	127	132	12	251	277	314	—	—	82	80	77
	40	159	165	12	251	277	314	—	—	82	80	77
	50	191	197	16	288	351	396	—	—	101	98	96
	65	216	222	20	367	430	474	—	—	122	119	117
	80	254	260	20	388	451	495	—	—	122	119	117
100	305	313	25	427	490	546	—	—	147	143	143	

· H : Height of hard rubber lining

● Type PO(PN) 1500N table of mass

Unit : approx . kg

	DN	Actuator Code	Basic type	Added mass for ancillary device		
			PO PN	POS PNS	POM PNM	POSH
Single acting type (PO)	15	12BC	6.2	+0.6	+0.5	+2
	20	12BC	6.6	+0.6	+0.5	+2
	25	16BC	12.0	+1.5	+1	+6.2
	40	16BC	13.9	+1.5	+1	+6.2
	50	20BC	24.7	+1.5	+1	+6.2
	65	25BC	43.3	+2.6	+1	+11.8
	80	25ABC	48.2	+2.6	+1	+11.8
	100	25ABC	54.2	+2.6	+1	+11.8
Double acting type (PN)	15	09	4.1	+0.6	+0.5	—
	20	09	4.5	+0.6	+0.5	—
	25	12	7.0	+1.5	+1	—
	40	12	8.9	+1.5	+1	—
	50	16	16.3	+1.5	+1	—
	65	20	25.1	+2.6	+1	—
	80	20	30.0	+2.6	+1	—
	100	25	41.0	+2.6	+1	—

- The mass is for our standard cast iron body of 10K with flange.