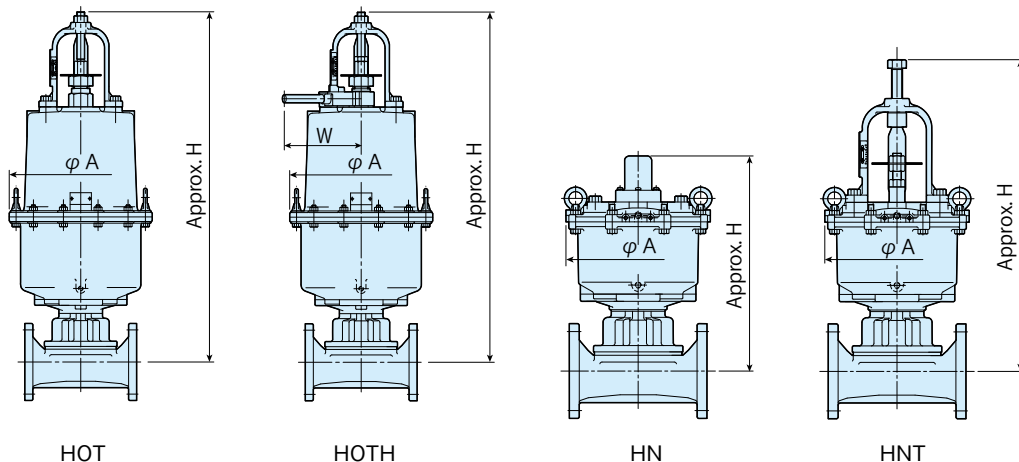


# ● Double acting type: Type HN1500N (for large bore and high output)

Working pressure : 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					
125	31	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7
150	31	0.2	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	
200	3512	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7		
250	3513	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7		
300	4014	0.25	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7		

● Type HO (HN) 1500N (for large bore and high output) principal dimensions



Unit : mm

Single acting type (HO)	Nominal Size DN	Face-to-face length: L		Actuator Code	Principal dimensions			Mass: approx. kg		Air chamber capacity: l	
		Other than rubber-lined	Rubber-lined		Approx. H		A	W	HOT		HOTH
					HOT	HOTH					
125	356	364	3147BC	977	396	238	171	173	13.2		
			4048BC	1133	495	412	241	245	22.6		
150	406	414	4048BC	1171	495	412	275	279	22.6		

Double acting type (HN)	Nominal Size DN	Face-to-face length: L		Actuator Code	Principal dimensions			Mass: approx. kg		Air chamber capacity: l	
		Other than rubber-lined	Rubber-lined		Approx. H		A	HN	HNT	Lower chamber	Upper chamber
					HN	HNT					
125	356	364	31	629	879	396	117	126	12.4	8.3	
150	406	414	31	667	976	396	133	142	13.2	9.1	
200	521	529	3512	705	-	460	226	-	16.0	20.0	
250	635	645	3513	815	-	460	250	-	20.0	21.0	
300	749	759	4014	922	-	520	460	-	29.0	30.0	

- Remarks : 1. The air intake ports are Rc1/4 with exception that air intake ports of actuator 3512, 3513 & 4014 is Rc3/8.  
 2. Height of product represents cast iron body for other than rubber-lined, and hard rubber lining body for rubber-lined.  
 3. DN200 to 300 are for the double acting Type HN1500. For further details, contact our Sales Dept. or local representative.