

● Double acting type: Type HN1400N (For large bore and high output)

Working pressure: See MPa in the table below

Rubber diaphragm											
Nominal Size DN	Actuator Code	Max. allowable working pressure for other than the glass-lined and ceramic body									
		Fluid pressure(MPa)									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
125	31				0.2					0.25	
150	31		0.2		0.25	0.3		0.4			
200	31	0.25	0.3	0.4							
	40	0.2		0.25	0.3	0.4					
250	31	0.25	0.4								
	40	0.2	0.25	0.3	0.4						
300	31	0.4									
	40		0.4								

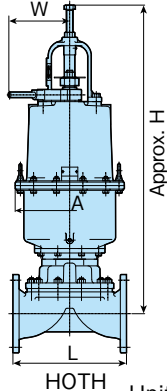
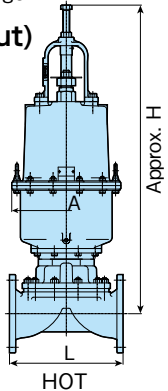
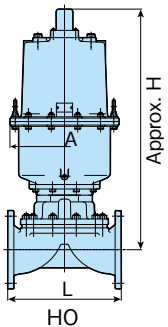
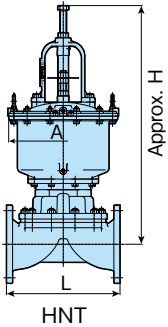
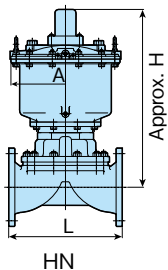
Nominal Size DN	Actuator Code	Max. allowable working pressure for the glass-lined and ceramic body									
		Fluid pressure(MPa)									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
125	31			0.2							
150	31		0.2		0.25	0.3					
200	31	0.25	0.3	0.4							
	40	0.2		0.25	0.3						
250	31	0.25	0.3								
	40	0.2	0.25	0.3	0.4						
300	31	0.4									
	40		0.4								

Working pressure: See MPa in the table below

PTFE diaphragm											
Nominal Size DN	Actuator Code	Max. allowable working pressure for the hard rubber-lined, glass-lined and ceramic body									
		Fluid pressure(MPa)									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
125	31				0.2				0.25		
150	31		0.25			0.3	0.4				
200	31	0.3	0.4								
	40	0.25		0.3	0.4						
250	31	0.3	0.4								
	40	0.25	0.3	0.4							

Nominal Size DN	Actuator Code	Max. allowable working pressure for the hard rubber-lined, glass-lined and ceramic body									
		Fluid pressure(MPa)									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
125	31			0.2							
150	31		0.25			0.3					
200	31	0.3	0.4								
	40	0.25		0.3	0.4						
250	31	0.3	0.4								
	40	0.25	0.3	0.4							

**Type HO(HC, HN) 1400N (for large bore and high output)
principal dimensions**



Unit: mm

Single acting type (HO)	Nominal Size DN	Face-to-facelength; L		Actuator Code	Principal dimensions				Mass: approx. kg			Air chamber capacity : l
		Other than rubber-lined and resin-lined	Rubber-lined and resin-lined		Approx. H		A	W	HO	HOT	HOTH	
					HO	HOT HOTH						
125	356	364	3147AB	838	1062	396	238	146	157	159	13.2	
			3147ABC	838	1062	396	238	159	171	173	13.2	
			4048 C	922	1226	495	412	220	241	245	22.6	
150	406	414	3147AB	860	1084	396	238	162	174	176	13.2	
			3147ABC	860	1084	396	238	175	187	189	13.2	
			4048 C	944	1258	495	412	236	257	261	22.6	
			4048 BC	944	1258	495	412	255	275	279	22.6	
200	521	529	3147ABC	952	1280	396	238	248	259	261	13.2	
			4048 C	1036	1370	495	412	309	330	334	22.6	
			4048ABC	1036	1370	495	412	332	353	357	22.6	
250	635	645	4048ABC	1107	1460	495	412	410	431	435	22.6	

Double acting type (HN)	Nominal Size DN	Face-to-facelength; L		Actuator Code	Principal dimensions			Mass: approx. kg		Air chamber capacity : l	
		Other than rubber-lined and resin-lined	Rubber-lined and resin-lined		Approx. H		A	HN	HNT	Lower chamber	Upper chamber
					HN	HNT					
150	406	414	31	630	990	396	133	142	13.2	6.1	
			31	720	1105	396	211	220	13.2	9.1	
200	521	529	40	790	1145	495	240	255	22.6	12.3	
			31	790	1180	396	290	299	13.2	10.6	
250	635	645	40	860	1220	495	312	333	22.6	14.8	
			31	826	1213	396	365	375	13.2	12.1	
300	749	759	40	903	1262	495	390	410	22.6	17.3	