

Technical Specifications :

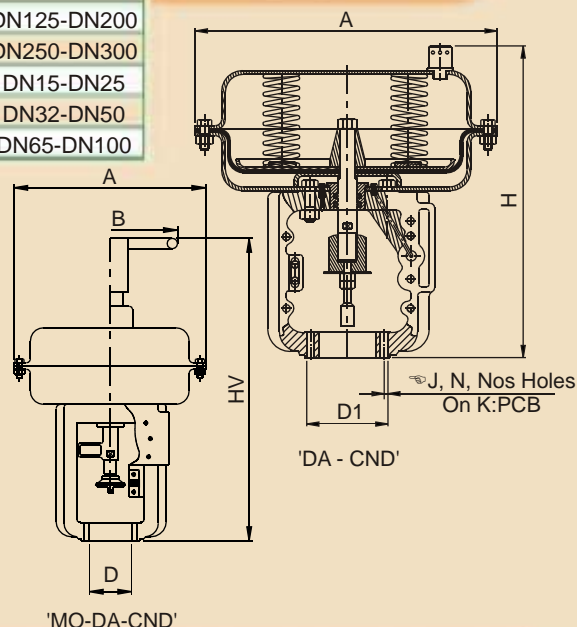
Diaphragm Covers	Sheet Metal Pressing
Diaphragm	NBR
Yoke	C.I.
Spring	Spring Steel
Actuator Pneumatic Pressure	1.44 Kg/cm ² to 2.44 Kgs.

Technical Parameter of Actuators

Type	Size (mm)										Valve Size
	D	D1	N	J	K:PCD	H	HV	A	B		
DA - CND - 01	60	101	4	10	80	300	-	288	-		DN15-DN25
DA - CND - 02	60	101	4	10	80	321	-	288	-		DN32-DN50
DA - CND - 03	74	124	4	12	105	437	-	360	-		DN65-DN100
DA - CND - 04	95	152	4	14	120	542	-	470	-		DN125-DN200
DA - CND - 05	100	190	4	18	145	740	-	560	-		DN250-DN300
MO - DA-CND - 01	60	101	4	10	80	-	508	288	220		DN15-DN25
MO - DA-CND - 02	60	101	4	10	80	-	551	288	220		DN32-DN50
MO - DA-CND - 03	74	124	4	12	105	-	651	360	335		DN65-DN100



Type	Diaphragm area	Spring	Max stroke	Air pressure (Bar)	Max thrust (N)
DA - CND - 01	Direct	3 ~ 6	16 ~ 20	1.4	4800
	Reverse			0	480
DA - CND - 02	Direct	3 ~ 6	24 ~ 30	1.4	5200
	Reverse			0	920
DA - CND - 03	Direct	3 ~ 6	38 ~ 45	1.4	7800
	Reverse			0	720
DA - CND - 04	Direct	2 ~ 4	55 ~ 65	1.4	11000
	Reverse			0	3840
DA - CND - 05	Direct	4 ~ 8	90 ~ 110	1.4	15000
	Reverse			0	5000



Technical Sheet of Pneumatic Diaphragm Actuator

Type	Air supply pressure	Spring pressure	Positioner	Applicable Pressure drop (Kg/cm ²)										
				DN (mm)										
				25	32	40	50	65	80	100	125	150	200	
DA/CND-01 Revers	1.4	0.2 ~ 1	Yes or No	6.3	3.8	2.7	1.6	1	0.7	0.5	-	-	-	
	2.8	0.8 ~ 2.4	Yes	40	27	14.1	11.1	6.9	4.9	2.8	-	-	-	
DA/CND-02 Revers	1.4	0.2 ~ 1	Yes or No	11.2	6.8	4.8	2.8	1.7	1.2	0.7	0.4	0.3	-	
	2.8	0.8 ~ 2.4	Yes	40	40	34	19.6	12.3	8.7	4.9	3.1	1.9	-	
DA/CND-03 Revers	1.4	0.2 ~ 1	Yes or No	-	-	8.4	4.8	3	2.2	1.2	0.7	0.5	0.3	
	2.8	0.8 ~ 2.4	Yes	-	-	40	31.5	21.3	1.5	8.5	5.4	3.3	2.1	
DA/CND-04 Revers	1.4	0.2 ~ 1	Yes or No	-	-	-	-	4.2	2.9	1.7	1.1	0.6	0.4	
	2.8	0.8 ~ 2.4	Yes	-	-	-	-	29.2	20.6	11.6	7.4	4.5	2.9	
DA/CND-05 Revers	1.4	1.9 ~ 3.5	Yes or No	-	-	-	-	40	40	24.2	-	-	-	
	2.8	1.9 ~ 4.0	Yes	-	-	-	-	-	-	24.2	15.5	9.5	-	
DA/CND-01 Direct	1.4	0.2 ~ 1	Yes or No	6.3	3.8	2.7	1.6	1	0.7	0.5	-	-	-	
	1.6	0.2 ~ 1	Yes	31.6	19.3	13.7	7.8	5.1	3.5	2	-	-	-	
DA/CND-02 Direct	4	0.8 ~ 2.4	Yes	40	40	40	21.7	14.9	10.3	5.9	-	-	-	
	1.4	0.2 ~ 1	Yes or No	11.2	6.8	4.8	2.8	1.7	1.2	0.7	0.4	0.3	-	
DA/CND-03 Direct	1.6	0.2 ~ 1	Yes	40	34.2	24.2	14	8.8	6.2	3.5	2.2	1.4	-	
	4	0.8 ~ 2.4	Yes	40	40	40	40	26.5	18.7	10.5	6.7	4.1	-	
DA/CND-04 Direct	1.4	0.2 ~ 1	Yes or No	-	-	8.3	4.8	3	2.2	1.2	0.7	0.5	0.3	
	1.6	0.2 ~ 1	Yes	-	-	40	24.2	15.2	10.7	6	3.9	2.4	1.5	
DA/CND-05 Direct	4	0.8 ~ 2.4	Yes	-	-	40	40	40	32.2	18.2	11.6	7.1	4.5	
	1.4	0.2 ~ 1	Yes or No	-	-	-	-	4.2	2.9	1.6	1.1	0.6	0.4	
Flow Rating (KV)	1.6	0.2 ~ 1	Yes	-	-	-	-	20.8	14.7	8.3	5.3	3.2	2.1	
				10	16	25	40	63	100	160	260	400	630	