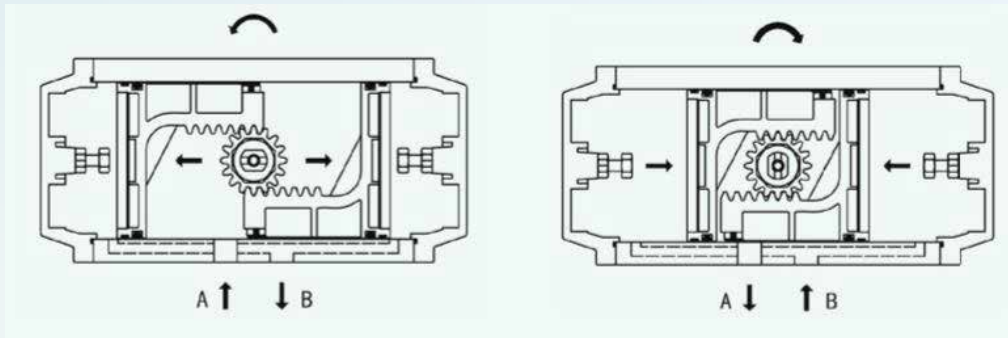


Dual Acting Pneumatic Actuator PA-D

ACTUATOR



PA-D series pneumatic actuator is compressed air-driven, piston rack, and the mechanical transmission gear, angle formed by the output torque pneumatic actuators. Product is of small appearance, light-weight, high-performance and long service life.



How it works

step 1: Air from port A forces the pistons outwards, the pinion turns counter-clockwise to open the valve while air is being exhausted from port B

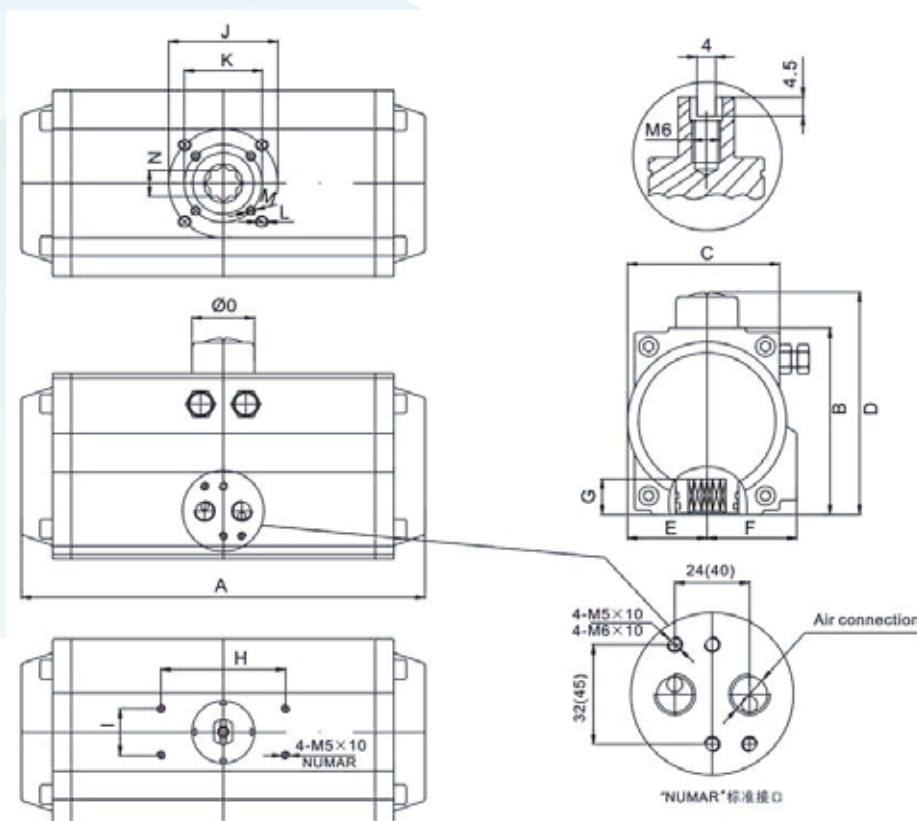
step 2: Air from port B forces the pistons inwards, the pinion turns clockwise to close the valve while air is being exhausted from port A

MODEL	AIR PRESSURE (BAR)						
	2	3	4	5	6	7	8
APA032D	2.78	4.2	6	7.5	9	10	11.5
APA052D	8.32	12.48	16.64	20.8	24.96	29.12	33.28
APA063D	14.64	21.96	29.28	36.6	43.92	51.24	58.56
APA075D	23.5	35.5	47	58.8	70.5	82.3	94
APA083D	29.7	44.5	69.4	74.2	89.1	103.9	118.8
APA092D	45.5	68.2	91.1	113.7	136.4	159.2	181.9
APA105D	67.88	101.82	136.76	169.7	203.64	237.58	271.52
APA125D	116.6	174.9	233.2	291.6	349.8	408.1	466.4
APA140D	175.48	263.22	350.96	438.7	526.44	614.18	701.92
APA160D	267.4	401.1	534.8	668.5	802.2	935.9	1069.6
APA190D	430.96	646.44	861.9	1077.4	1292.9	1508.4	1723.8
APA210D	592.2	688.4	1184.5	1480.6	1776.7	2072.8	2369
APA240D	928.3	1392.5	1856.6	2323.8	2785	3249.1	3713.3
APA270D	1305.4	1958.2	2610.9	3263.6	3916.3	4569	5221.8
APA300D	1602	2403	3205	4006	4807	5608	6409

Dual Acting Pneumatic Actuator PA-D

ACTUATOR

Connection dimension



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	AIR
APA032D	114	45	47	65	23.5	23.5	14	50	25		F03		M5x8	9	G 1/8"
APA052D	158.4	74	60	94	30	41	14	80	30	F05	F03	M6x11	M5x10	11	G 1/4"
APA063D	190	88	69	108	36	45	18	80	30	F07	F05	M8x15	M6x12	14	G 1/4"
APA075D	207	100	79	120	42	52	20	80	30	F07	F05	M8x13	M6x11	14	G 1/4"
APA083D	213	109	88	129	46	52.5	21	80	30	F07	F05	M8x15	M6x12	17	G 1/4"
APA092D	259	120	97.5	140	51	57.5	22	80	30	F07	F05	M8x13	M6x12	17	G 1/4"
APA105D	287	133	105.5	153	57.5	64	24	80	30	F10	F07	M10x18	M8x14	22	G 1/4"
APA125D	340	155	120.5	175	67.5	70	27.5	80	30	F10	F07	M10x18	M10x18	22	G 1/4"
APA140D	414	171.6	137	191.5	76	77	32	80	30	F12	F10	M12x22	M10x18	27	G 1/4"
APA160D	476	197	159.5	217	86.5	87.5	34	80	30	F12	F10	M12x22		27	G 1/4"
APA190D	535	230	186	260	103	103	40	130	30	F14		M16x23		36	G 1/4"
APA210D	567.5	255	202	285	113	113	40	130	30	F14		M16x25		36	G 1/4"
APA240D	668	291.4	233	321.4	129	129	60	130	30	F16		M20x28		46	G 3/8
APA270D	744	320	264	350	146	146	67	130	30	F16		M20x28		46	G 1/2"
APA300D	830	361.97	312.5	391.97	194.5	194.5	67	130	30	F25		M16x24	M20x28	46	G 1/2"