



PNEUMATIC ACTUATOR



"UAD" series Pneumatic Actuator is used for controlling 90° rotation of the valves and other similar products, such as Butterfly Valve, Ball Valve, Damper, Cock Valve and etc. It is widely applies to water treatment, paper mill, Air Ventilation, Filtration System, light industry and etc.

Technical Features:

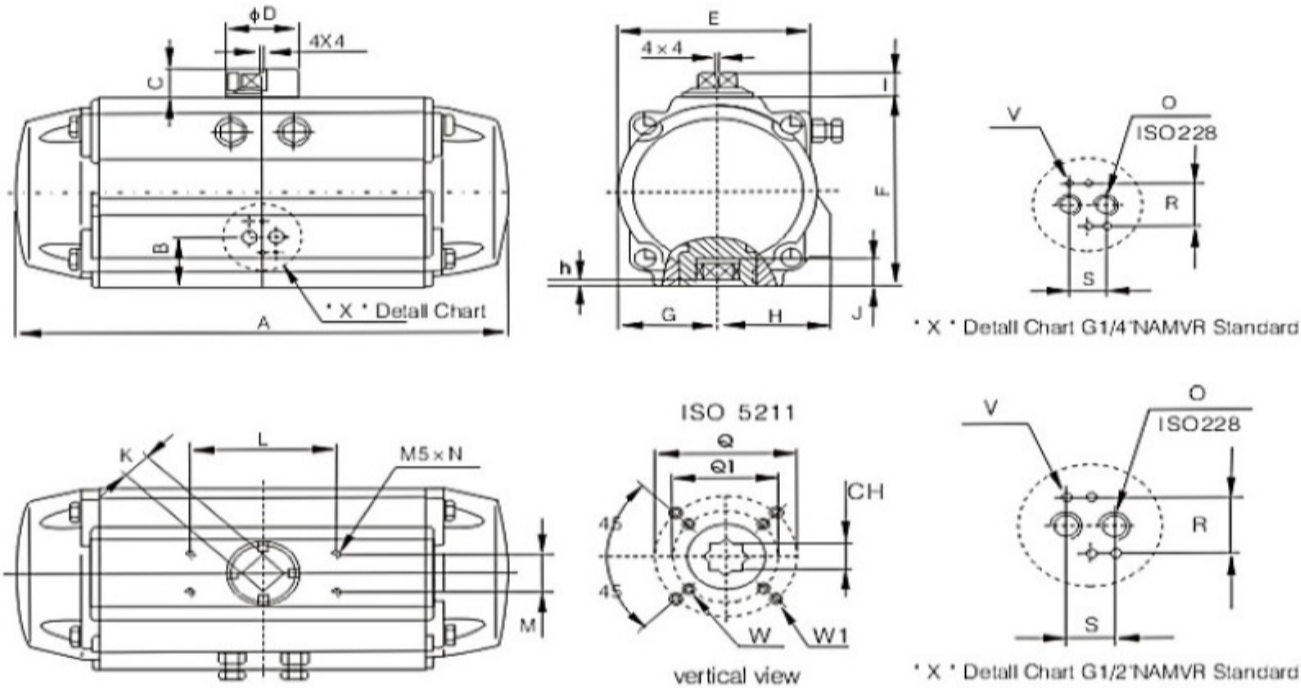
- Mounting Flange according DIN/ISO 5211
- Namur connections for accessories
- Rack and Pinion design
- Torque directly proportional to the air supply.



Working Conditions:

- Double Acting with air of 5.6, maximum 8.4bar.
- Operating media by dry filtered air or lubricated with NBR compatible oil.
- Standard temperature : -20 ~ +80° C

Appearance View and Dimension



Model	UAD 050	UAD 063	UAD 075	UAD 090	UAD 100	UAD 115	UAD 125	UAD 145	UAD 160	UAD 190	UAD 210	UAD 240	UAD 270	UAD 300
A	154.5	168	219	249	274	315	354	417	452	539	600	671	723	857
B	26.5	30	30.5	32.5	37.5	42.5	45	50	51.5	56	70	70	88	91
E	53	66	82	92.5	107	112	130	146.5	159	186	201	231	252.5	290
F	69	85	102.5	115	127.5	140	156.5	176	196	231	253.5	291	331.5	354
G	29	36.5	43	49	55.5	61.5	69.5	78.5	88	105	116	130.5	147	162
H	41	46.5	52.5	56.5	66.5	71	80.5	91	97	110	119.5	130.5	147	173
I	12	14	18	18	20	20	30	35	35	40	40	45	45	60
h	0.5	0.5	1	1	1	1	1.5	1.5	1.5	2	2	2	2	2.5
R	32	32	32	32	32	32	32	32	32	32	32	45	45	45
S	24	24	24	24	24	24	24	24	24	24	24	40	40	40
O ISO 228	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 1/4"	G 3/8"	G 3/8"	G 1/2"
M	30	30	30	30	30	30	30	30	30	30	30	30	30	30
L	80	80	30	80	80	130	130	130	130	130	130	130	130	130
k	11	11	14	14	14	21	21	27	27	27	27	36	36	36
CH	11	14	17	17	22	22	27	27	27	36	36	46	46	46
ISO 5211	F3/F5	F3/F5	F5/F7	F5/F7	F7/F10	F7/F10	F7/F10	F10/F12	F10/F12	F14	F14	F16	F16	F16
Q	36	36	50	50	70	70	70	102	102	140	140	165	165	165
Q1	50	50	70	70	102	102	102	125	125					
W	M5	M5	M6	M6	M8	M8	M8	M10	M10	M16	M16	M20	M20	M20
W1	M6	M6	M8	M8	M10	M10	M10	M12	M12					
Torque (Nm)	18.3	32.2	64	101	146	236	305	478	624	1185	1447	2126	3229	4197

*All dimension in unit mm

*all technical specification are without obligation.