



Ragon Industries (Pty) Ltd

INDUSTRIAL VALVE SPECIALISTS



PNEUMATIC ACTUATOR WITH
HANDWHEEL



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The C-IMO pneumatic actuator with handwheel is a versatile and user-friendly solution for reliable automated and manual valve control. Its modular design allows flexible configuration, while the integrated handwheel provides convenient manual operation whenever needed. The actuator supports multiple stroke options and carries major global certifications, ensuring dependable performance across a wide range of industrial applications.



The C-IMO pneumatic actuator with handwheel offers flexible stroke selections (0–90°, 0–45°, and 45–90°) and supports both double-acting and spring-return configurations for adaptable valve control. It operates on clean, dry, or lubricated air or filtered non-corrosive gas, with a maximum particle size of 30 µm. The unit can be equipped with either a front or side handwheel for easy manual override and is certified to CE, SIL3, and ATEX standards for reliable performance across industrial environments.

Model	Operation Time (s)** & Weight (Kg)													
	Double Acting			Spring Return										
	0°-90°	90°-0°	Weight	3+3		4+4		5+5		5+6		6+6		Weight
0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	0°-90°	90°-0°	Weight
C-IMO62	0.2	0.2	2.9	0.2	0.2	0.2	0.2	0.3	0.2	0.4	0.2	0.5	0.2	3.1
C-IMO63	0.3	0.3	4.3	0.3	0.4	0.3	0.4	0.4	0.3	0.5	0.3	0.6	0.3	4.4
C-IMO75	0.3	0.3	5.3	0.3	0.4	0.4	0.4	0.4	0.3	0.5	0.3	0.6	0.3	5.6
C-IMO83	0.4	0.4	6.4	0.6	0.7	0.7	0.6	0.7	0.5	0.8	0.5	0.9	0.4	6.8
C-IMO92	0.6	0.6	8.6	0.6	0.8	0.8	0.7	0.8	0.6	0.9	0.6	1.0	0.5	9.4
C-IMO105	0.8	0.8	10.6	1.0	1.4	1.4	1.2	1.8	1.0	2.0	0.9	2.2	0.9	11.5
C-IMO125	1.2	1.2	16.4	1.4	1.6	1.8	1.4	2.2	1.2	2.3	1.1	2.6	1.1	17.8
C-IMO140	1.6	1.6	24.0	2.1	2.7	2.9	2.1	3.7	1.7	4.1	1.6	4.5	1.5	26.5
C-IMO160	2.9	2.9	33.8	3.3	3.8	4.3	3.2	5.1	2.8	5.3	2.7	6.0	2.5	37.7
C-IMO190	5.0	5.2	55.7	5.3	7.0	6.5	7.0	8.2	6.3	8.7	6.0	9.2	5.6	62.3
C-IMO210	6.0	5.5	63.0	8.0	10.0	9.0	9.4	10.0	8.9	10.5	8.6	11.0	8.2	72.6
C-IMO240	8.5	8.5	88.7	15.0	13.0	16.0	12.2	17.0	11.4	17.5	11.0	19.0	10.6	102.5
C-IMO270	11.0	11.0	134.1	20.0	17.0	22.0	15.0	24.0	13.0	25.0	12.0	26.0	11.0	158.9
C-IMO300	14.0	14.9	192.8	27.0	25.0	25.0	23.0	22.0	21.0	20.5	20.0	27.0	19.0	202.9
C-IMO350	25.0	25.0	315.2	31.0	29.0	34.0	27.0	37.0	25.0	38.5	24.0	40.0	23.0	337.2
C-IMO400	31.0	31.0	330.0	44.0	32.4	47.0	30.6	50.0	27.8	52.0	26.4	54.0	25.0	338.0



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