



## PNEUMATIC ACTUATOR



Any actuator of factory have been production, performance, appearance, packing and so on strict inspection procedures, to ensure that users can efficiently use bacc the intellectual control actuator products.



TUV SRL3 Certification  
Explosion-Proof Protection Grades  
ISO9001 Quality System  
Part Pneumatic Actuators

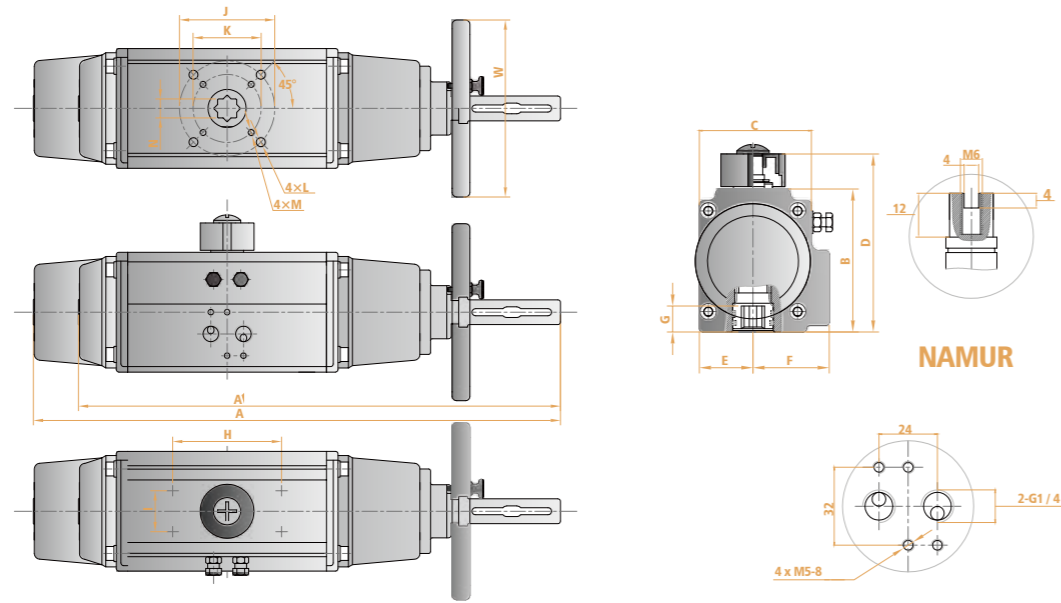


We're going to have a manual deviceDirect integration to rotary pneumatic actuators, and reduce the installation space, improve the efficiency of use;

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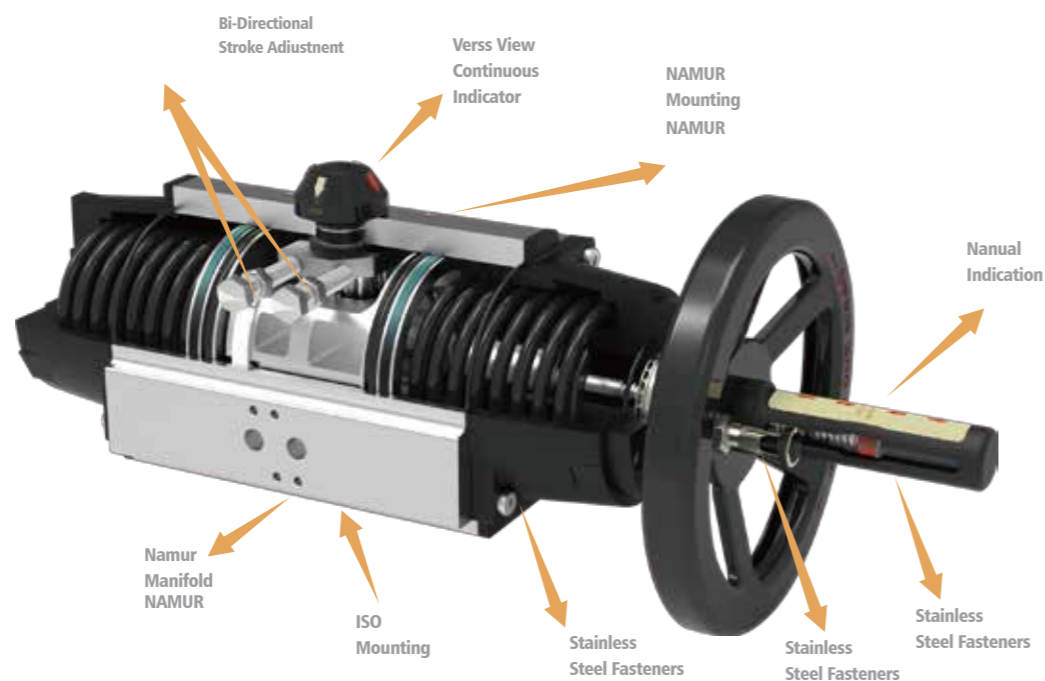


## DIMENSION



Model	A	A1	B	C	D	E	F	G	H	I	N	W	J	K	L	M	Air Cnnerction
OAT-63	322	305.5	87.5	72	107.5	36	47	18	80	30	14	160	Φ70	Φ50	M8×13	M6×10	NAMUR G1/4"
OAT-75	339	325	100	81	120	42	53	18	80	30	14	160	Φ70	Φ50	M8×13	M6×10	
OAT-83	382	364	108.7	92	128.7	46	57	21	80	30	17	160	Φ70	Φ50	M8×13	M6×10	
OAT-92	452.5	439.5	117	98	137	50	58.5	22	80	30	17	160	Φ70	Φ50	M8×13	M6×10	
OAT-105	495	461.5	133	109.5	153	57.5	64	26	80	30	22	200	Φ102	Φ70	M10×16	M8×13	
OAT-125	555	516	155	125.5	185	67.5	74.5	26	130	30	22	250	Φ102	Φ70	M10×16	M8×13	
OAT-140	645	618	173	137.5	202	75	77	32	130	30	27	250	Φ125	Φ102	M12×20	M10×16	
OAT-160	791	754	197	158	227	87	87	34	130	30	27	300	Φ125	Φ102	M12×20	M10×16	

Offset more traditional manual device stack worm gear hand hold, not only reduces the installation space, and that the highly heart more close to the pipeline, make the operation of the valve is more agile, strong!



## CONSTRUCTION



### Quick and safe manual switching

When manually operated, disconnect the air source and rotate the lock pin by 45 degrees to operate manually.

· Pneumatic operation, rotate the handwheel to run to the pneumatic screw red marked out position (central indication rod), lock pin fall back to stop the hand wheel rotation, pneumatic operation.



**Limit to Adjust:** Two independent travel adjustment screw can be convenient, accurate, the regulation of plus or minus 50 position.



**Indicator:** NAMUR standard indicator is convenient for installation of position switch, positioner and other accessories.



**Output Shaft:** Nickel plated alloy steel, high precision one-piece output shaft NAMUR, with ISO5211 DIN3337 standard at the same time, according to the customer request custom size and other material

**Piston:** Double piston rack, adopts hard anodized aluminum or cast steel galvanized processing, installation location is symmetrical, action quick, long service life, simple reversal of the piston can change the direction of rotation.



**Pinion Seals:** NBR-70 rubber sealing ring is adopted to ensure reliable performance of actuator under normal temperature. If the customer needs the high temperature type or the low temperature type, may choose the fluorine rubber or the silicon rubber sealing ring;

**Actuator Body:** Materials such as aluminum alloy or stainless steel, 304, 316, 316L material, both inside and outside surface after anodic oxidation and polishing processing to 45 to 50 mu. And external through nickel plating processing, make qigong actuators of anti-corrosion performance is improved, at the same time to ensure that the piston friction is small;

**End Caps:** The material is aluminum alloy or precision cast stainless steel 304, 316, 316L and other materials, and through epoxy polyester treatment, good anti-corrosion performance;

**Heavy Duty Springs:** Imported composite high-strength spring is made of high-strength alloy steel, which ensures superior performance and long life;

**Piston Guides:** Self-lubricating (epoxy resin +GF) guide sleeve ensures great reliability and stability;