

TRIAQ[®]

180° Pneumatic Rack and Pinion Actuators

Triac 180° actuators offer the same superior quality as our industry-proven quarter-turn pneumatic actuators. With torques from 370 in.-lbs. to 7700 in.-lbs., our 180-AL Series Actuators are ideal for multi-port (3, 4, 5 way), ball valves, 3-way plug valves, conveyor diverters, bulk material diverters and any other application requiring reliable pneumatic torque over a 180° rotation.

The units feature hard anodized aluminum housings, die cast aluminum pistons with Delrin wear pads and nitrile seals. As in our famous Triac 90° actuators, the 180° units feature Namur accessory dimensions and ISO 5211 mounting. The addition of this series of actuators allows A-T Controls to offer the most complete valve automation capabilities in the market today.



Options and Accessories

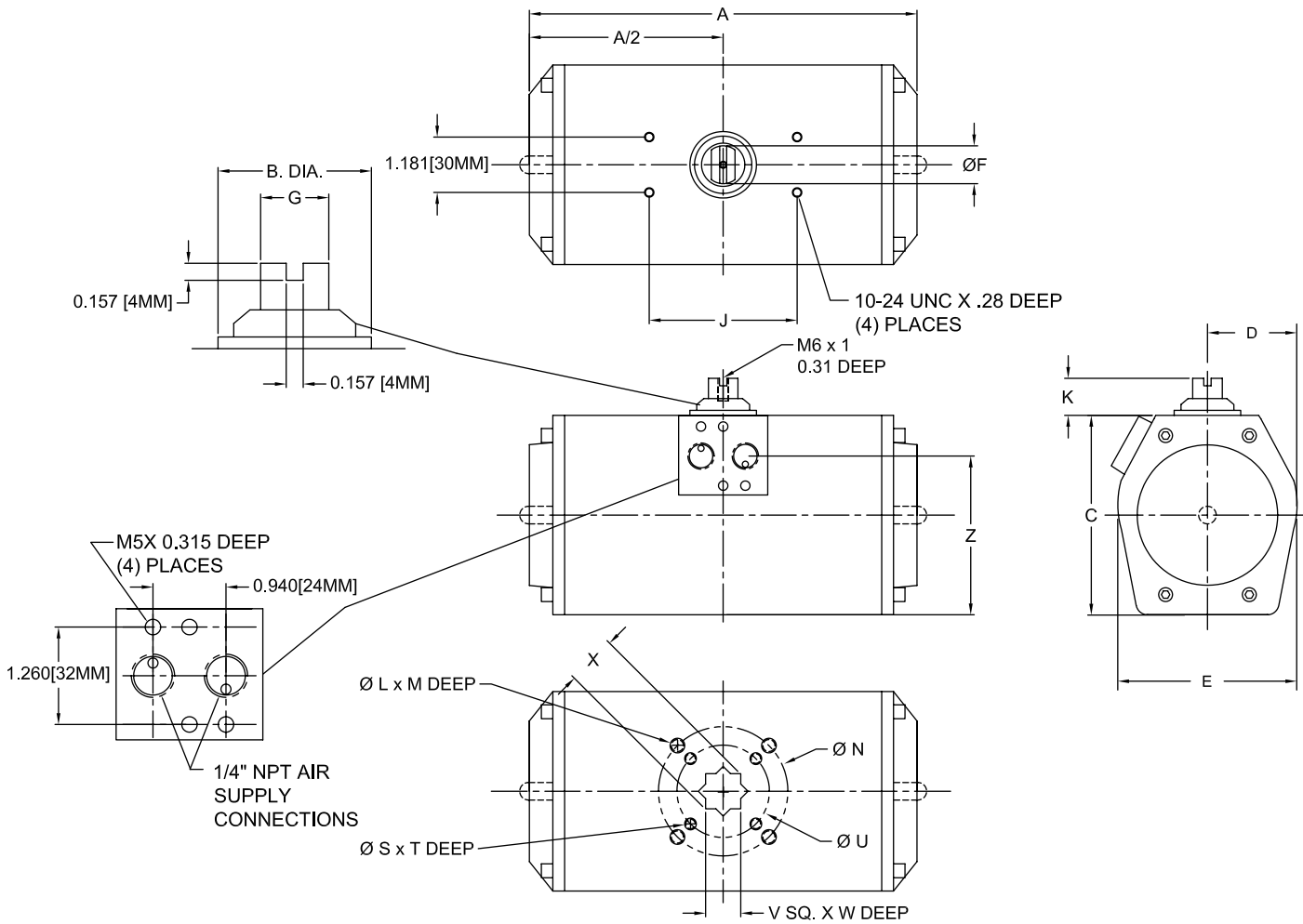
- Solenoid Valves
- Limit Switches
- 120° Adjustable Stops (for Diverters)
- Positioners
- Filter Regulators
- Mounting Hardware Kits
- 3-position Control Circuits

Model	40 psi	60 psi	80 psi	100 psi	120 psi
180-AL85DA	370	555	740	925	1110
180-AL105DA	624	937	1249	1561	1873
180-AL125DA	1214	1821	2429	3036	3643
180-AL140DA	2034	3051	4068	5085	6102
180-AL160DA	3102	4653	6204	7755	9306

 **A-T Controls, Inc.**

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Actuator Size	A	B	C	D	E	F	G	J	K	L	M	N	S	T	U	V	W	X	Z
85	11.47	1.07	4.29	1.78	3.56	0.56	0.39	3.150	1.18	5/16"-18	0.50	2.756	1/4"-20	0.40	1.969	0.669	0.75	0.93	3.63
105	15.22	1.34	5.23	2.29	4.57	0.77	0.55	3.150	1.18	3/8"-16	0.63	4.016	5/16"-18	0.47	2.756	0.748	0.81	0.97	4.50
125	16.78	1.97	6.10	2.77	5.50	1.10	0.79	5.118	1.18	3/8"-16	0.63	4.016	5/16"-18	0.47	2.756	0.866	0.81	1.20	5.49
140	22.25	1.97	6.75	2.97	5.94	1.10	0.79	5.118	1.18	1/2"-13	0.65	4.921	3/8"-16	0.55	4.016	1.063	0.98	1.47	5.98
160	26.31	1.97	7.75	3.47	6.94	1.42	1.10	5.118	1.18	1/2"-13	0.74	4.921	3/8"-16	0.58	4.016	1.063	0.98	1.47	6.98



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