



# Air Torque Actuators

## Applications

Ball valve automation and remote actuation.



Air Torque AT101

## Product Information

Operating pressure as per product specification table.

Full range of sizes available for valves from 1/4" to 1".

Full compliance to specifications ISO5211, DIN 3337 and VDI/VDE 3845 providing easy interchangeability.

Single Acting is standard configuration.

Air connection via 1/8" BSP fitting.

Assemble with valve in the open or closed position to create normally open or normally closed operating valve.

Service kits available.

## Features & Benefits

Air Torque actuators. ([www.AirTorque.it](http://www.AirTorque.it)).

Position indication.

Universal & Anti-Blowout drive shaft.

Suitable for indoor and outdoor installation.

Certification & Approvals:

- SIL3, ATEX 94/9/EC, GOST-R, GOST, EN60529 IEC 529.

Oasis low valve torque means small actuators can be specified when compared to competitor valves.

## Product Specification

Part Code	Mass lb (kg)	Minimum Driving Torque @ 8 bar . ft lb(Nm)	Minimum Spring return torque ft lb (Nm)	Min. Temp. °F (°C)	Max Temp. °F (°C)	Air Supply Pressure bar (psi) ^	Air Supply Port Size	ISO Flange	Square Drive Dog Size inch (mm)	Recommended Oasis Valve Compatibility
AT051U	2.9 (1.3)	10.2 (13.8)	5.8 (7.9)	-40 (-40)	176 (80)	6-8 (87-116)	1/8" BSPP	F04	0.433 (11)	BV702/BV703
AT101U	4 (1.8)	19.7 (26.7)	9.8 (13.3)	-40 (-40)	176 (80)	6-8 (87-116)	1/8" BSPP	F05 + F07	0.433 (11)	BV704
AT201U	6.6 (3)	38 (51.5)	19.5 (26.5)	-40 (-40)	176 (80)	6-8 (87-116)	1/8" BSPP	F05 + F07	0.669 (17)	BV706
AT251U	9.7 (4.4)	56.9 (77.1)	32.5 (44)	-40 (-40)	176 (80)	6-8 (87-116)	1/8" BSPP	F05 + F07	0.669 (17)	BV708

^ Required actuator supply pressure to operate Air Torque Actuator.