



RIFT
actuators



SCAN ME

PRODUCT CATALOGUE

RIFT Actuators are state-of-the-art electric & pneumatic actuators designed to provide precise control and efficient automation in water distribution systems. These smart devices utilize electrical signals to regulate valves, pumps, and critical components, optimizing water flow and enhancing performance.



SMART Electric

RIFT Smart Actuators offer torque ratings of 0- 600Nm with a host of unique 'smart' features, including some industry standards in Failsafe, Modulation and Multiturn. This is our premium range tailored to suit your requirements.



Electric

RIFT Electric Actuators are capable of operating between 0-2,000Nm. They are supplied in three formats: Regular, Premium & Premium Multiturn to suit our customers applications and budgets.



Pneumatic

RIFT Pneumatic Actuators are capable of operating between 0-300Nm. We supply Scotch Yoke and Rack & Pinion. Both Actuators are available in Spring Return and Double Acting

ABOUT US

RIFT Actuators are a UK Electric & Pneumatic Actuator manufacturer, supplying all in one 'SMART' automated solutions across multiple industries. Founded in 2011, with the main aim of supporting customers in both critical and non-critical applications. Download our RIFT Actuators Control App - Using a RIFT Actuator has never been easier!

WHY CHOOSE US?

- ✓ Tailored Actuator Solutions
- ✓ Precision & Reliability
- ✓ Customer Centred Approach
- ✓ All in one solutions
- ✓ State of the Art Technology



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SMART ELECTRIC RANGE

RAT



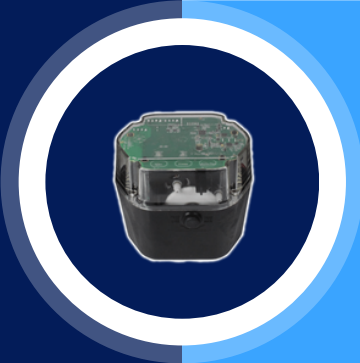
The RAT actuator offers on off functionality and has been designed for zone valve applications. It is IP65 rated and offers up to 10 Nm torque.

RAB



The RAB series of actuators offers on off functionality and has been designed for blend valve applications. It can be controlled remotely by Android phones, tablets and PCs.

RAS



The RAS series are low cost, lightweight, compact and versatile actuators. They are IP 67 rated and provide a torque to 30Nm. All our actuators include RIFT'S distinctive Smart™ features, making them ideal for a wide range of flow control and process control applications. The RAS series can be controlled either manually or remotely by Android phones, tablets, or PCs. Optional features can be added before installation, or even on-location by means of a simple app through Bluetooth. All actuators are supplied with manual override.

RAM



The RAM series has been a huge success for the company and has been utilised in various locations worldwide and within a wide range of industries. They are IP 67 rated and provide a torque from 40 – 100Nm. The Actuator comes with available features such as wiggle, multiturn, failsafe, modulation, torque control and speed control. The RAM series can be controlled either manually or remotely by Android phones, tablets, or PCs.

RSUB



The RSUB was developed to support shallow water and deep water subsea applications requiring higher torque rating applications. The actuator incorporates a Diver and ROV Friendly Clamping System for ease of installation and removal at depths down to 600 metres With a configurable stem shear torque allowing maximum safety factor in any application.

RAL600



The largest actuator in our SMART Electric range is the RAL600. Offering a huge torque output of 600Nm, delivered with a wide range of configurable options, including a manual handwheel.

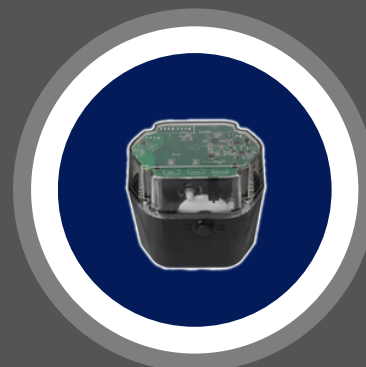
This Actuator is currently available for Pre-order. Please be quick when ordering the RAL600 to secure your allocation.



RAT
(0-10Nm)



RAB
(0-10Nm)



RAS
(0-30Nm)



RAM
(40-100Nm)



RSUB
(0-400Nm)



RAL600
(300-600Nm)

ELECTRIC RANGE

RAE-R



RAE-R is the RIFT range of regular electric actuator. These are tool operated with an allen key or a spanner when the electric operation is being over-ridden.

RAE-P



RAE-P is our premium electric actuator. Most of these are hand wheel operated when the electric operation is being over-ridden.

RAE-PM



The RAE-PM is our premium part turn or multi-turn electric actuator typically used in mining or oil and gas industries.

		
REGULAR	PREMIUM	PREMIUM MULTITURN
RAE-R	RAE-P	RAE-PM
(10-1200Nm)	(20-1500Nm)	(100-1800Nm)

PNEUMATIC RANGE

RAP-SD



RAP-SD. This is Rift's Scotch Yoke double acting valve actuator. This is a quarter turn actuator, typically used for on/off control of valves. Torque is non linear and peaks at the start and end of movement. This makes the Scotch Yoke actuator ideal for butterfly valve applications though they are often used for ball valves also. This type is double acting and uses air pressure to open and close the valve.

RAP-SS



RAP-SS. This is Rift's Scotch Yoke spring return valve actuator. Torque is non linear and peaks at the start and end of movement. This makes the Scotch Yoke actuator ideal for butterfly valve applications. This type has a spring return and closes automatically under the spring pressure.

RAP-RD



The RAP-RD. This is Rifts's rack and pinion, double acting pneumatic actuator. It requires air pressure to return the actuator. Using a rack and pinion, torque applied is even throughout the motion of the actuator.

RAP-RS



The RAP-RS. This is Rift's rack and pinion spring return actuator. Using a rack and pinion, torque applied is even throughout the motion of the actuator. This actuator closes or returns automatically under spring pressure.

RAP-SD	RAP-SS	RAP-RD	RAP-RS
(50-300Nm)	(50-300Nm)	(32-210Nm)	(32-210Nm)