



KINETICVALVE.COM



PRO ExQ ELECTRIC ACTUATOR





C-2301
(一 压)

Contents

- 2 Overview
- 3 Features
- 4 Design and Construction
- 5 Product List & Code

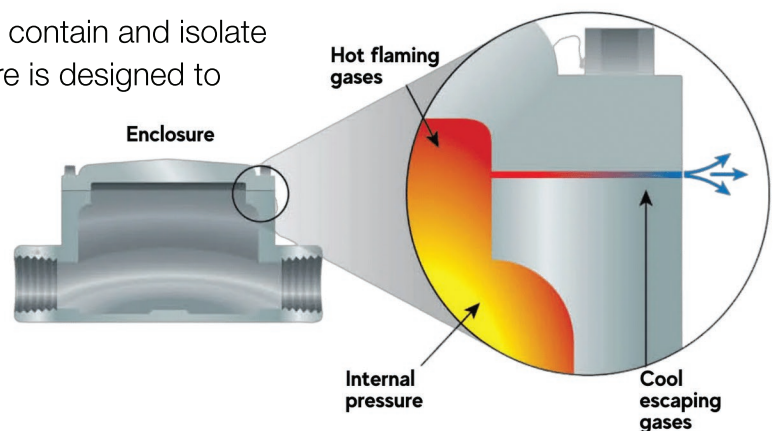
Overview



The PRO ExQ from Kinetic Valve is an explosion-proof electric quarter-turn actuator designed for the most demanding industrial environments. Engineered for Class I, Division 1 compliance, the PRO ExQ ensures safe and reliable operation in hazardous locations where explosive gases or vapors may be present. With precision control, robust construction, and superior performance, the PRO ExQ delivers seamless automation for critical valve applications. Whether in oil and gas, chemical processing, or other high-risk industries, trust Kinetic Valve to provide uncompromising safety, efficiency, and durability in every turn.

“Explosion-proof” refers to equipment designed to operate safely in hazardous environments where flammable gases, vapors, or dust may be present. Devices with this designation, such as the PRO ExQ meet strict standards to prevent ignition of explosive atmospheres, ensuring safe operation.

The PRO ExQ features a spigot seal design to contain and isolate potential ignition sources. The sealed enclosure is designed to withstand internal combustions, preventing flames or sparks from escaping and igniting surrounding hazardous gases. Additionally, advanced thermal management and ignition protection features further enhance safety, making the PRO ExQ a trusted solution for hazardous industrial applications.



© Kinetic Valve, Etobicoke, ON, Canada. All rights reserved. All actuator information and its contents hereof are proprietary to Kinetic Valve. Any unauthorized reproduction or disclosure, in whole or in part is strictly prohibited. All actuators materials, images and data sheets in this catalogue / brochure is for general information and shall not be used for specific performance data and material selection without first consulting with Kinetic Valve. Kinetic Valve reserves the right to change the enclosed valves information without notice. Kinetic Valve does not accept any liability or damages arising from the use of any information within this document. All trademarks and registered trademarks are owned by their respective companies.

Features



Key Features

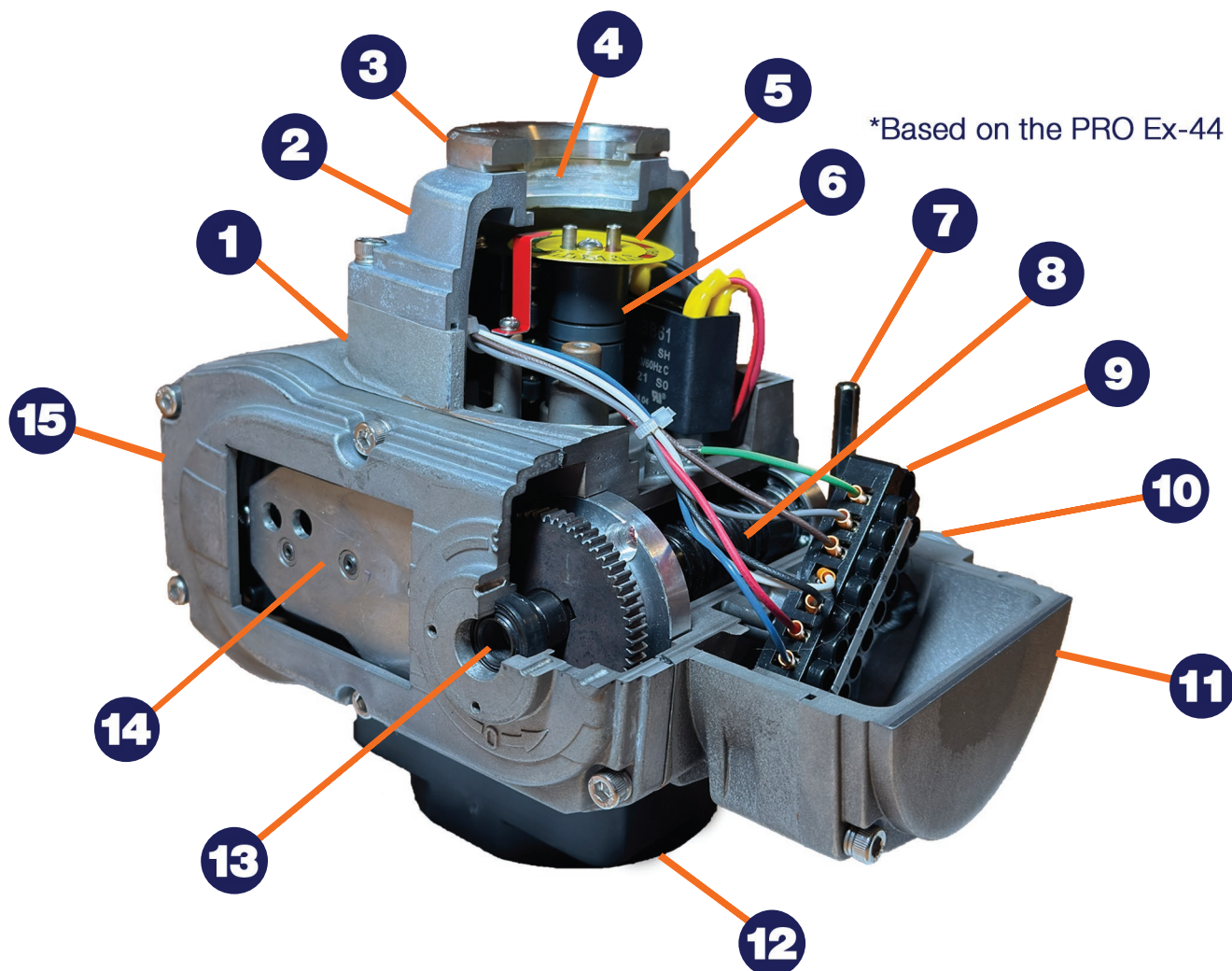
- Torques up to 26,550 in-lbs
- 4 Limit Switches as standard
- Anti-condensation heater as standard
- 70% extended Duty Cycle and higher
- Highly compact explosion-proof housing
- ISO5211 direct mounting base with optional removable drive bushing for machining
- Visual position indication through fix lens
- Gear train lubricated for life
- Mechanical self-locking worm gear drive removing the need for a motor break
- Optional handwheel attachment for sizes PRO ExQ-88 and up
- No hassle clutched manual override design
- Unique easy-adjust limit switch setting design
- Easy adjust mechanical limit stoppers

Specifications

Output Torque	177 to 26,550 in-lbs
Voltage	DC: 12V, 24V DC 1 Phase: 120V, 220V AC 3 Phase: 380V AC
Ambient Temp. (Optional)	-13°F -20°C to 131°F 55°C -40°F -40°C to 131°F 55°C
Certifications	Explosion-proof: usCSA CL 1 Div I Groups C & D
Enclosure	High grade aluminum alloy Anodized interior and exterior External powder coating IP68 submersion protection usCSA Type 4X rating
Control Options	Floating Floating w/ 1K Pot Floating w/ 4-20mA Modulating
Travel	0 ~ 90 degrees + 5°
Gear Train	Self-locking worm drive Lubricated for life
Duty Cycle	Minimum 70% Duty Cycle
Manual Override	Lever style for PRO ExQ-44 Spring clutched handwheel
Position Indicator	Top mount fixed lens indicator
Conduit Entries	2x 1/2" NPT or 2x M20
Mounting	ISO 5211

© Kinetic Valve, Etobicoke, ON, Canada. All rights reserved. All actuator information and its contents hereof are proprietary to Kinetic Valve. Any unauthorized reproduction or disclosure, in whole or in part is strictly prohibited. All actuators materials, images and data sheets in this catalogue / brochure is for general information and shall not be used for specific performance data and material selection without first consulting with Kinetic Valve. Kinetic Valve reserves the right to change the enclosed valves information without notice. Kinetic Valve does not accept any liability or damages arising from the use of any information within this document. All trademarks and registered trademarks are owned by their respective companies.

Construction



- | | |
|--|--|
| 1 Unit housing with built in motor | 9 Wiring contact terminals |
| 2 Limit switch and visual indicator cover | 10 Conduit entries |
| 3 Indication lens plate | 11 Wiring compartment cover |
| 4 Indication lens | 12 Mounting base and drive stem |
| 5 Visual position indicator | 13 Manual override connection |
| 6 Adjustable travel cams | 14 Spur gearbox |
| 7 Manual override allen key | 15 Spur gearbox cover |
| 8 Self-locking worm drive | |

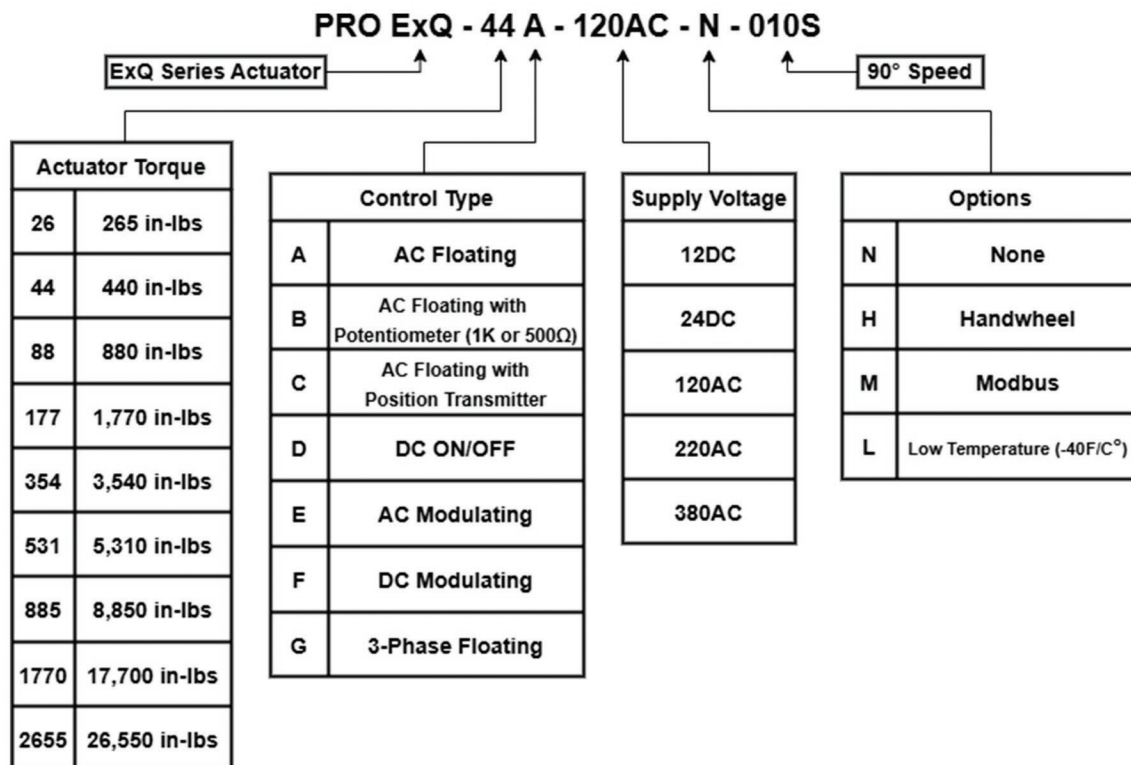
© Kinetic Valve, Etobicoke, ON, Canada. All rights reserved. All actuator information and its contents hereof are proprietary to Kinetic Valve. Any unauthorized reproduction or disclosure, in whole or in part is strictly prohibited. All actuators materials, images and data sheets in this catalogue / brochure is for general information and shall not be used for specific performance data and material selection without first consulting with Kinetic Valve. Kinetic Valve reserves the right to change the enclosed valves information without notice. Kinetic Valve does not accept any liability or damages arising from the use of any information within this document. All trademarks and registered trademarks are owned by their respective companies.

Product List & Code

Product List

Model	Cycle Time [Torque (in-lbs)]	Optional Time/Torque	Turning Angle	Total Weight lbs (kgs)	Power Supply	Control Circuits
PRO ExQ-44	20S [440]	4S/177in-lbs 10S/265in-lbs 60S/440in-lbs	0 to 90° (±5°)	6.6 [3.0]	12/24VDC 110/220VAC 220/380VAC	Types A, B, C, D, E, F, G
PRO ExQ-88	30S [880]	15S/440in-lbs 60S/880in-lbs		11.0 [5.0]		
PRO ExQ-177	30S [1,770]	15S/880in-lbs 60S/1,770in-lbs		12.0 [5.5]		
PRO ExQ-354	30S [3,540]	15S/1,770in-lbs 60S/3,540in-lbs		21.0 [9.5]	24VDC 110/220VAC 220/380VAC	
PRO ExQ-531	45S [5,310]			22.0 [10.0]		
PRO ExQ-885	30S [8,850]			32.0 [14.5]		
PRO ExQ-1770	90S [17,700]			47.0 [21.5]		
PRO ExQ-2655	110S [26,550]					

Product Code System



© Kinetic Valve, Etobicoke, ON, Canada. All rights reserved. All actuator information and its contents hereof are proprietary to Kinetic Valve. Any unauthorized reproduction or disclosure, in whole or in part is strictly prohibited. All actuators materials, images and data sheets in this catalogue / brochure is for general information and shall not be used for specific performance data and material selection without first consulting with Kinetic Valve. Kinetic Valve reserves the right to change the enclosed valves information without notice. Kinetic Valve does not accept any liability or damages arising from the use of any information within this document. All trademarks and registered trademarks are owned by their respective companies.

Quality Actuators for All Industries

Visit us online today at kineticvalve.com



Kinetic Valve is the North American leading provider of valve automation. It is committed to engineering, manufacturing and supplying superior products, as well as providing excellent personal service to our customers. We take pride in our attention to quality, innovation, reliability and safety.

We provide professional solutions for the most demanding industries, including water and wastewater, power, oil and

gas, chemical, petrochemical, marine, mining, and energy. Kinetic Valve delivers more than just products, we support our customers and seek to develop long-lasting and trusting partnerships.

Kinetic Valve is also a valve automation center for actuation solutions. We actuate valves and dampers, and can develop the right solutions for any requirements.



4-247 Carrier Drive,
Etobicoke, ON M9W 5Y9



647-914-6334



sales@kineticvalve.com