

ROTORK

IQ20 / IQ3 Pro Intelligent Multi-Turn Electric Actuator

IP66 / IP68 DOUBLE-SEALED

NON-INTRUSIVE SETUP

81 - 271 NM TORQUE

Core Product Description

The Rotork IQ20 / IQ3 Pro is an advanced intelligent multi-turn electric actuator designed for precise control and automation of medium-to-large valves (such as gate, globe, and sluice valves) in oil & gas, water treatment, and power generation industries. Key details to verify before ordering include output torque, operating speed, power supply voltage, valve stem diameter, control interface, enclosure rating, and explosion-proof certification.

GENERAL INFORMATION

Manufacturer	Rotork
Product Range	IQ3 Pro Series
Model Name	IQ20 / IQ3 Pro
Actuator Type	Intelligent Multi-Turn Electric Actuator
Country of Origin	United Kingdom
Primary Applications	Gate Valves, Globe Valves, Sluice Gates, Penstocks

TECHNICAL & OPERATIONAL PARAMETERS

Output Torque Range	81 - 271 Nm
Max Stem Diameter Capacity	42 mm
Power Supply Options	3-Phase / 1-Phase / DC (380V / 220V / Custom)
Operation Modes	On-Off / Inching / Modulating Control
Ingress Protection	IP66 / IP68 (Double-Sealed Enclosure)
Commissioning & Interface	Non-intrusive via Bluetooth / Infrared (Rotork Insight 2)
Local Display	Multilingual LCD screen with integrated data logger
Hazardous Area Certification	ATEX, IECEx, FM, CSA (Explosion-proof optional)

ORDERING VERIFICATION CHECKLIST

Required Torque

Verify valve operating torque against 81 - 271 Nm range

Stem Accommodation	Confirm stem diameter does not exceed 42 mm limit
Power & Control	Confirm site voltage and required control protocol (e.g., Modbus, Profibus, Hart)
Environment	Select appropriate explosion-proof standard for hazardous zones