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***NOTIFICATION OF THE ISSUE OF AN EU TYPE EXAMINATION CERTIFICATE (MODULE B)
UNDER THE GAS APPLIANCE REGULATIONS (EU) 2016/426***

No. CE 691949

Issued to:

Rotork Midland Limited

Patrick Gregory Road
Wolverhampton
West Midlands
WV11 3DZ

In respect of:

Automatic Shut-off ValvesFirst Issued: **14 February 2019**Effective Date: **15 March 2019**Last Issue: **15 March 2019**Expiry Date: **14 February 2029**

Name of Client Rotork Midland Limited
 Product Automatic Shut-off Valves – GB and HWA
 Certificate Number CE 691949

Type Test Report Number: SMO 8923114, 9626312
 Project Number: BSI-873801, 884804

Model Designation	Gas Category & Pressure	For Installation In	Normative Reference
34**1Z3A1-1***(**) GB Series ¼" – 2" (See Coding Chart in Technical Annex)	1 st , 2 nd & 3 rd Family Gases	All EU Countries	EN 161:2011 +A3:2013
49**1Z*A1-7**0 HWA Series 1¼" – 6" (See Coding Chart in Technical Annex)			

Note: This Certificate has been issued for the addition of Kromschroder Actuator for HWA Series

Application Warning: These devices may not be suitable for all applications and it is the responsibility of appliance designers to select the control devices that are appropriate for their specific product design.

Name of Client Rotork Midland Limited
Product Automatic Shut-off Valves – GB and HWA
Certificate Number CE 691949

Classification of GB Series with Alcon Actuator Evaluated 1/4" – 1"

4.1	Class of automatic shut-off valve.	AC Voltages: Class A DC Voltages: Class B
4.2	Group 1 or Group 2 device.	Group 2
	Coil Voltage DC	12V, 24V, 110V
	Coil Voltage AC 50Hz	24V, 110V, 230V
	Coil Voltage AC 60Hz	24V, 120V
	Maximum Operating Pressure	AC Voltages: 140 mbar DC Voltages: 50 mbar

Classification of GB Series with Alcon Actuator Evaluated 1 1/4" – 2"

4.1	Class of automatic shut-off valve.	Class B
4.2	Group 1 or Group 2 device.	Group 2
	Coil Voltage DC	24V
	Coil Voltage AC 50Hz	110V, 230V
	Coil Voltage AC 60Hz	120V
	Maximum Operating Pressure	50 mbar

Product Ratings of All GB Series with Alcon Actuator

Available Pipe Size Range	1/4" – 2"
Permissible mounting attitude(s)	Coil to be horizontal/vertical above pipe work
Duty Cycle	100%
Protection Class	IP65 with DIN 43650 plug
Coil Insulation	Class H (180°C)
Operating temperature range	0°C to 60°C
Opening time	<1sec
Closing time	<1sec
Gas families	1 st , 2 nd & 3 rd

Name of Client Rotork Midland Limited
Product Automatic Shut-off Valves – GB and HWA
Certificate Number CE 691949

Coding Chart GB Series 1/4" to 1"

Model	Valve Body Conn. Sizes	Connection Type	Operation		Body Material	Seals	Style		Enclosure	Voltage/ Frequency	Electrical Connection	Pressure Test Nipple (PTN) / Strainer
34 <i>GB</i>	B <i>1/4"</i>	1 <i>BS21</i>	1 <i>AUT O</i>	Z	3 <i>Aluminium</i>	A <i>NBR</i>	1 <i>Standard</i>	-	1 <i>Weather proof IP65</i>	A1 <i>230V/50Hz (19VA/14Watt) 1/4" – 1/2" valves only</i>	0 <i>No connector</i>	Blank <i>All take off points plugged</i>
	C <i>3/8"</i>	3 <i>NPT</i>								A2 <i>110V/50Hz & 120V/60Hz (19VA/14 W) 1/4" – 1/2" valves only</i>	1 <i>DIN Plug 9 mm</i>	01 <i>PTN – Ports A&C</i>
	D <i>1/2"</i>									A3 <i>24V/50Hz 1/4" – 1/2" valves only</i>	3 <i>Plug Rectified</i>	02 <i>PTN – Ports B&D</i>
	E <i>3/4"</i>									A6 <i>24V/60Hz 19VA/14W 1/4" – 1/2" valves only</i>	A <i>DIN Plug 9mm with 1 m lead</i>	03 <i>PTN – Ports A&B</i>
	F <i>1"</i>									A8 <i>230V/50Hz (32VA/22Watt) 3/4" – 1" valves only</i>	B <i>DIN Plug 9mm with 0.5m lead</i>	08 <i>Strainer</i>
											A9 <i>110V/50Hz (32VA/22W) 3/4" – 1" valves only</i>	
										B1 <i>230V plug rectified to 24DC 4W</i>		CD <i>PTN – Ports C&D</i>
										B2 <i>24VDC (14W) 1/4" – 1" valves only</i>		
										B3 <i>12VDC 1/4" – 1" valves only</i>		
										B5 <i>110VDC 1/4" – 1" valves only</i>		

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Product coding example:

34F11Z3A1-1A81 – GB Series

1" BS21, auto operation, aluminium, NBR seals, 230V/50Hz DIN Plug 9 mm, All take off points plugged

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Name of Client Rotork Midland Limited
 Product Automatic Shut-off Valves – GB and HWA
 Certificate Number CE 691949

Coding Chart GB Series 1¼" to 2"

Model	Valve Body Conn. Sizes	Connection Type	Operation		Body Material	Seals	Style		Enclosure	Voltage/ Frequency	Electrical Connection	Pressure Test Nipple (PTN) / Strainer
34 <i>GB</i>	G <i>1¼"</i>	1 <i>BS21</i>	1 <i>AUTO</i>	Z	3 <i>Aluminium</i>	A <i>NBR</i>	1 <i>Standard</i>	-	1 <i>Weather proof IP65</i>	N1 <i>230V/50Hz</i>	0 <i>No connector</i>	Blank <i>All take off points plugged</i>
	H <i>1½"</i>	3 <i>NPT</i>								N2 <i>110V/50Hz & 120V/60Hz</i>	1 <i>DIN Plug 9 mm</i>	01 <i>PTN – Ports A&C</i>
	J <i>2"</i>									N4 <i>24VDC</i>	3 <i>Plug Rectified</i>	02 <i>PTN – Ports B&D</i>
												03 <i>PTN – Ports A&B</i>
												08 <i>Strainer</i>
												09 <i>Strainer and PTN – Ports B&D</i>
												CD <i>PTN – Ports C&D</i>

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Product coding example:
 34H11Z3A1-1N13 – GB Series
 1½" BS21, auto operation, aluminium, NBR seals, 230V/50Hz, Plug Rectified, All take off points plugged

Name of Client Rotork Midland Limited
Product Automatic Shut-off Valves – GB and HWA
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Product Ratings of HWA Series with Alcon Actuator

4.1	Class of automatic shut-off valve.	Class A
4.2	Group 1 or Group 2 device.	Group 2
Available Threaded Pipe Size Range		1¼" – 3"
Available Flanged Size Range		2", 2½", 4", 6" (PN 16)
Permissible mounting attitude(s)		Coil to be horizontal/vertical above pipe work
Coil Voltage AC 50Hz		110V, 230V
Maximum Operation Pressure		1¼" – 4": 345 mbar 6": 200 mbar
Protection Class		IP5X (BS EN 60529)
Operating temperature range		0°C to 60°C
Opening time		15 sec
Closing time		<1 sec
Gas families		1 st , 2 nd & 3 rd

Product Ratings of HWA Series with Kromschroder Actuator

4.1	Class of automatic shut-off valve.	Class A
4.2	Group 1 or Group 2 device.	Group 2
Available Threaded Pipe Size Range		1¼" – 3"
Available Flanged Size Range		2", 2½", 4", 6" (PN 16)
Permissible mounting attitude(s)		Vertical above pipe work
Coil Voltage AC 50Hz		220/240 V
Maximum Operation Pressure		1¼" – 4": 345 mbar 6": 200 mbar
Protection Class		IP54
Operating temperature range		-15°C to 60°C
Opening time		15 sec
Closing time		<1 sec
Gas families		1 st , 2 nd & 3 rd

Name of Client Rotork Midland Limited
 Product Automatic Shut-off Valves – GB and HWA
 Certificate Number CE 691949

Coding Chart HWA Series

Model	Valve Body Conn. Sizes	Connection Type	Operation		Body Material	Seals	Style		Enclosure	Voltage/ Frequency	Electrical Connection
49 <i>HWA</i>	G <i>1 1/4"</i>	1 <i>BS21</i>	1 <i>AUTO</i>	Z	3 <i>Aluminium</i>	A <i>NBR</i>	1 <i>Standard</i>	-	7 <i>Motorised</i>	K1¹ <i>110V/50Hz</i>	0 <i>M20 Conduit</i>
	H <i>1 1/2"</i>	4 <i>Flange (PN16 STD)</i>			4 <i>Cast Iron (4" and above)</i>					K2¹ <i>110V/50Hz inc. CPI (Closed Position Indicator)</i>	
	J <i>2"</i>									K5¹ <i>230V/50Hz</i>	
	K <i>2 1/2"</i>									K6¹ <i>230V/50Hz inc. CPI</i>	
	L <i>3"</i>									S1² <i>110V/50Hz</i>	
	M <i>4"</i>									S2² <i>110V/50Hz inc. CPI</i>	
	N <i>6"</i>									S5² <i>230V/50Hz</i>	
										S6² <i>230V/50Hz inc. CPI</i>	
										T1³ <i>110V/50Hz</i>	
										T2³ <i>110V/50Hz inc. CPI</i>	
										T5³ <i>230V/50Hz</i>	
										T6³ <i>230V/50Hz inc. CPI</i>	

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¹ Kromschroder actuator
² Alcon actuator up to 3" only
³ Alcon actuator 4" and above

Product coding example:
 49M41Z4A1-7K50 – HWA Series
 4" Flanged, auto operation, cast iron, NBR seals, 230V/50Hz