

Electric Proportional Control Valve B05/B10R24-UA/UV



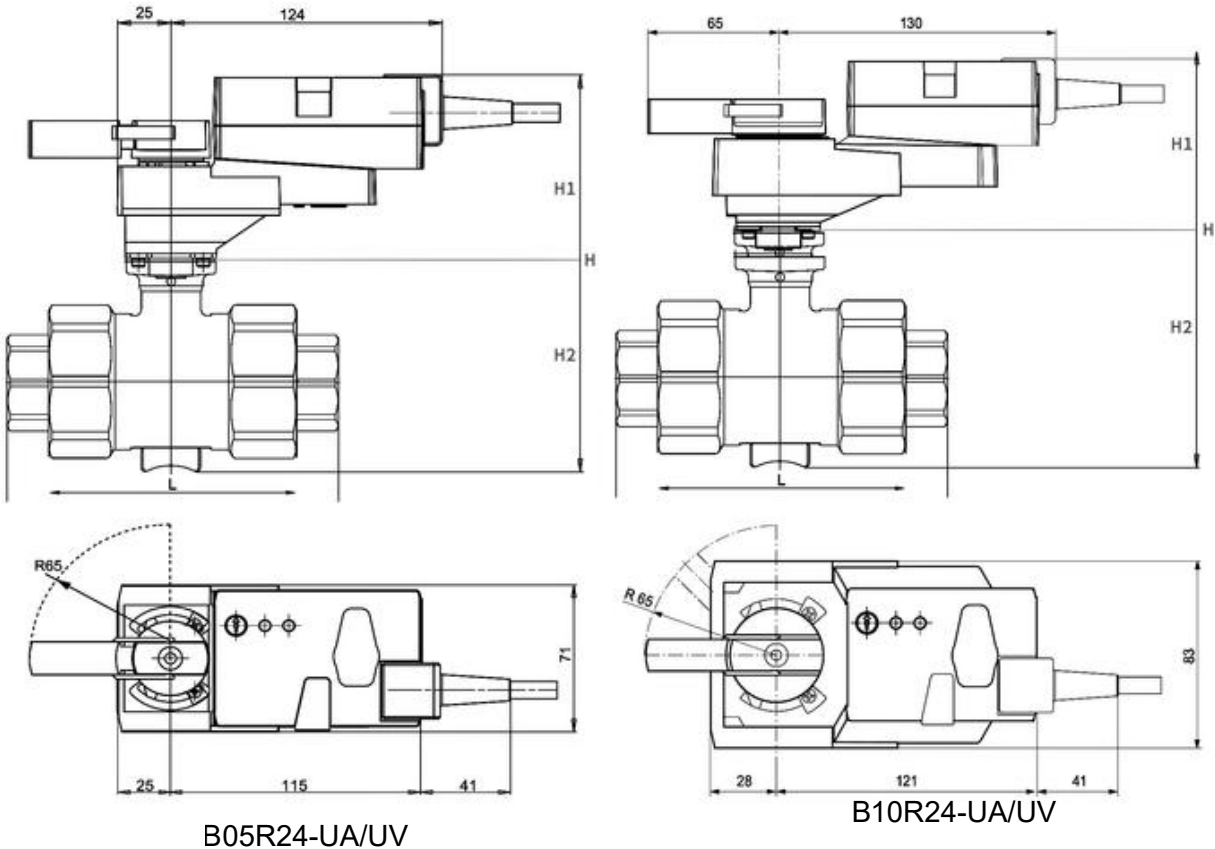
Product Overview

- Angular travel actuator for 2-way ball valves DN15.... DN50
- Torque: 5Nm/10Nm
- DN15-DN40 Type: B05R24-UV(UA)
- DN50 Model: B10R24-UV(UA)

Parameters&Dimensions (mm)

Actuator Parameters	
Rotation Angle	90°
Noise Level	Max.35dB(A)
Position Indication	Mechanical
Running time	90s
Operating Temp.	0~50°C
Storage Temp.	-40~80°C
Medi Temperature	-5~100°C (inside the ball valve)
Max. Humidity	95% RH (non-condensing)
Protection Class	IP54
Maintain	maintenance-free
Voltage	AC/DC 24V,50/60Hz
Voltage Range	AC/DC 19.2...28.8V
Power Consumption	1.5W (Run) / 0.4W (Standby)
Transformer Capacity	3VA
Connection Cables	1m, 4x0.75mm²
Control Signal Y	DC (0)2...10V or 4...20mA
Position Feedback Signal U	DC 2...10V
Position Accuracy	±5%
Electrical Class	III(Safety Extra-Low Voltage)

YIMIER Electric Control Valve



Model	DN			Size (mm)			
	mm	in	Rp	L	H1	H2	H
B05R24-UV/UA	15	1/2	1/2	120	84	64	148
	20	3/4	3/4	135	84	76	160
	25	1	1	150	84	82.5	166.5
	32	1 1/4	1 1/4	167	84	96	180
	40	1 1/2	1 1/2	178	84	112.5	196.5
B10R24-UV/UA	50	2	2	204	84	136	222

Wiring diagram

