

- Spring return rotary actuators: for 2 way ball valves DN 50... 80*
for 3 way ball valves DN 32... 50
- Torque: 15 Nm
- Modulating control **AFR24-SR , ARF24-SR-S(AC/DC 24 V)**
- Floating control **AFR24-3(-S) US (AC/DC 24 V)**
- Open/Close control **AFR24(-S), ARF24-S (AC/DC 24 V)**
 AFR230(-S), ARF230-S (AC 230 V)



* DN80(Differential Pressure 400 kPa)

Technical data

Basic technical data	Connection cable	1 m, 0.75mm ²
	Torque	Motor: 15 Nm; Spring return: 15 Nm
	Angle of rotation	95°
	Sound power level	Motor: Max. 45 dB (A), Spring return: 62 dB (A)
	Position indication	Mechanical
	Degree of protection	IP54
	EMC	CE according to 89/336/EEC
	Ambient temperature	-5... +50°C
	Non-operating temperature	-5... +80°C
	Temperature of medium	-5... +100°C
	Humidity test	To EN 60730-1
	Maintenance	Maintenance-free
	Manual operation	By manual override key
	ARF...	
Linkage	Linkage included in ARF...	
AFR24-SR ARF24-SR-S	Power supply range	AC 19.2... 28.8 V; DC 21.6... 28.8 V
	Power consumption	6 W @ running / 2.5 W @ holding
	Transformer sizing	10 VA
	Control signal	DC2(0)...10 V @ 100kΩ input impedance
	Position feedback	DC2...10 V
	Direction of rotation	Motor: Reversible by L/R switch; Spring return: reversible by mounting L/R
	Auxiliary ARF24-SR-S	2 x SPDT, 6 (3) A, AC 250 V <input type="checkbox"/> Switching points: 10% \leftarrow fixed, 28 ... 94% \leftarrow adjustable
	Protection class	III (safety low voltage)
	Running time	Motor: ~150s; spring return: ~ 20s (-5... +50°C) / Max. 60s (-30°C)
	Power supply range	2.7 Kg
AFR24-3(-S) US	Power consumption	AC 19.2... 28.8 V; DC 21.6... 28.8 V
	Weight	6 W @ running / 2 W @ holding
	Transformer sizing	10 VA
	Direction of rotation	Motor: Reversible by L/R switch; Spring return: reversible by mounting L/R
	Auxiliary switch AFR24-3-S US	1 X SPDT, 1 mA ...3(0.5) A, AC 250 V <input type="checkbox"/> , 0... 100% adjustable
	Protection class	III (safety low voltage)
	Running time	Motor: 150s; Spring return: ~20s (-5... +50°C) / Max. 60s (-30°C)
	Weight	3 Kg
AFR24(-S) ARF24-S	Power supply range	AC 19.2... 28.8 V; DC 21.6... 28.8 V
	Power consumption	5 W @ running / 1.5 W @ holding
	Transformer sizing	10 VA
	Direction of rotation	Spring return: reversible by mounting L/R
	Auxiliary switch AFR24-S	1 x SPDT, 1 mA ...3(0.5) A, AC 250 V <input type="checkbox"/> , 0... 89% adjustable
	Auxiliary switch ARF24-S	2 x SPDT, 6 (3) A, AC 250 V <input type="checkbox"/> Switching points: 10% \leftarrow fixed, 28 ... 94% \leftarrow adjustable
	Protection class	III (safety low voltage)
	Running time	Motor: 150s; Spring return: ~ 20s (5... +50°C) / Max. 60 s (-30°C)
AFR230(-S) ARF230-S	Power supply range	AC 198 ... 264 V
	Power consumption	6.5 W @ running / 2.5 W @ holding
	Transformer sizing	11 VA
	Direction of rotation	Spring return: reversible by mounting L/R
	Auxiliary switch AFR230-S	1 X SPDT, 1 mA ...3(0.5) A, AC 250 V <input type="checkbox"/> , 0... 89% adjustable
	Auxiliary switch ARF230-S	2 X SPDT, 6 (3) A, AC 250 V <input type="checkbox"/> Switching points: 10% \leftarrow fixed, 28 ... 94% \leftarrow adjustable
	Low voltage directive	CE according to 73/23/EEC
	Protection class	II (Totally insulated) <input type="checkbox"/>
Running time	Motor: 150s; Spring return: ~ 20s (-5... +50°C) / Max. 60s (-30°C)	
Weight	3 Kg	

Subject to technical changes

Wiring

