

- For operation of air control dampers in HVAC system
- Torque: 40Nm
- Nominal voltage: AC/DC 24V
- Control: Open/Close



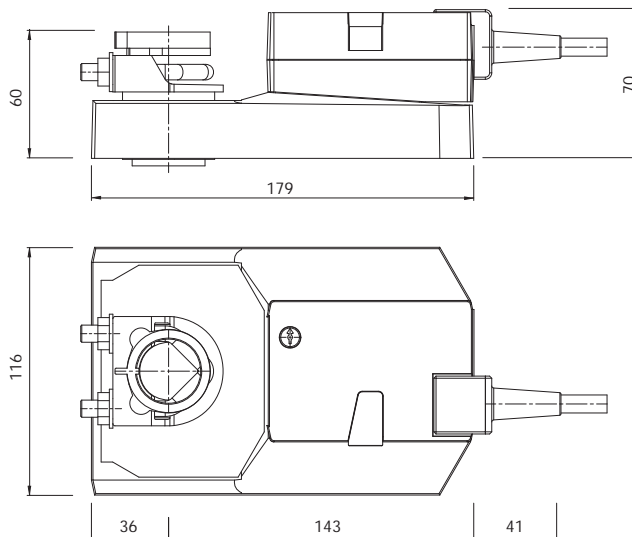
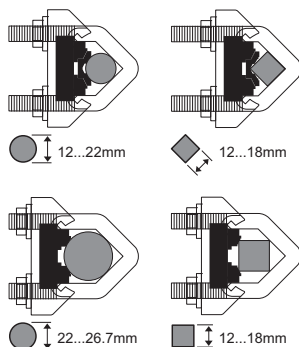
Technical data

<b>Electrical data</b>	Nominal voltage	AC 24V 50/60Hz, DC 24V
	Nominal voltage range	AC/DC 19.2...28.8V
	Power consumption	4W @ running / 2W @ holding
	Wire/transformer sizing	6VA
	Connection cable	Cable 1m, 3x0.75mm <sup>2</sup>
<b>Functional data</b>	Torque	40Nm
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
<b>Working conditions</b>	Protection class	III (safety low voltage)
	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
<b>Dimensions / weight</b>	Maintenance	Maintenance-free
	Dimensions (LxWxH)	220x116x70mm
	Shaft length	Min. 52mm (20mm for reverse mounting)
	Shaft	⌀ 12...26.7mm/12...25.2mm
	Weight	Approximately 1700g

Dimensions [mm]

Standard :

Damper spindle	Length	⌀ I	□ I	◇ I
	>52	12...26.7	>12	<25
	>20	12...26.7	>12	<25



- For operation of air control dampers in HVAC system
- Torque: 40Nm
- Nominal voltage: AC/DC 24V
- Control signal: DC 2(0)...10V
- Position feedback: DC 2...10V



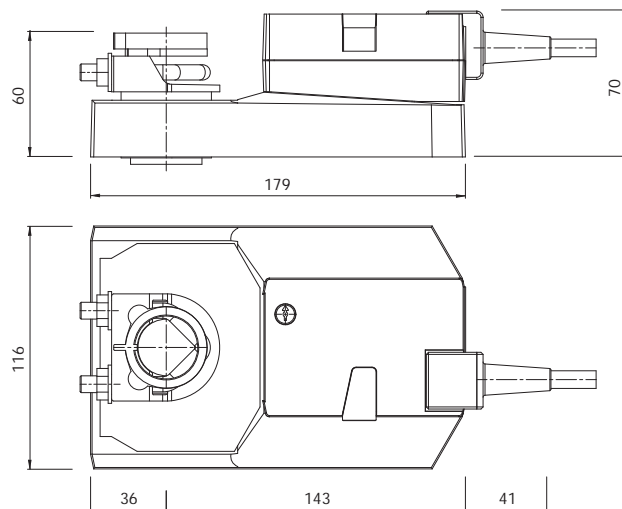
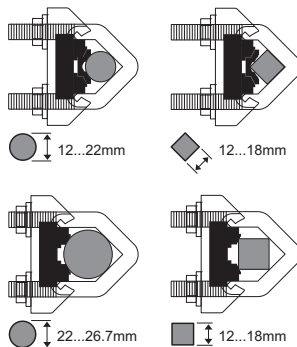
**Technical data**

<b>Electrical data</b>	Nominal voltage	AC 24V 50/60Hz, DC 24V
	Nominal voltage range	AC/DC 19.2...28.8V
	Power consumption	4.5W @ running / 2W @ holding
	Wire/transformer sizing	6.5VA
	Connection cable	Cable 1m, 4x0.75mm <sup>2</sup>
<b>Functional data</b>	Torque	40Nm
	Control signal	DC 2(0)...10V (input impedance 100kΩ)
	Feedback signal	DC 2...10V
	Position accuracy	±5%
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
<b>Working conditions</b>	Protection class	III (safety low voltage)
	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
<b>Dimensions / weight</b>	Dimensions (LxWxH)	220x116x70mm
	Shaft length	Min. 52mm (20mm for reverse mounting)
	Shaft	⌀ 12...26.7mm/12...25.2mm
	Weight	Approximately 1700g

**Dimensions [mm]**

Standard :

Damper spindle	Length	⌀	□	◇
	>52	12...26.7	>12	<25
	>20	12...26.7	>12	<25



- For operation of air control dampers in HVAC system
- Torque: 40Nm
- Nominal voltage: AC 100...240V
- Control: Open/Close



Technical data

<b>Electrical data</b>	Nominal voltage	AC 100...240V 50/60Hz
	Nominal voltage range	AC 85...265V
	Power consumption	5W @ running / 2W @ holding
	Wire/transformer sizing	9VA
	Connection cable	Cable 1m, 3x0.75mm <sup>2</sup>
<b>Functional data</b>	Torque	40Nm
	Direction of rotation	Selectable by switch
	Manual override	Gearing latch disengaged by pushbutton, self-resetting
	Angle of rotation	Max. 95°, adjustable by mechanical stops
	Running time	150s for 95°
	Sound power level	Max. 48dB(A)
	Position indication	Mechanical, remote visible
<b>Working conditions</b>	Protection class	II (totally insulated) <input type="checkbox"/>
	Degree of protection	IP54 in any direction
	EMC	CE according to 89/336/EEC
	Low voltage directive	CE according to 73/23/EEC
	Mode of operation	Type 1 to EN 60730-1
	Ambient temperature	-30...+50°C
	Non-operation temperature	-40...+80°C
<b>Dimensions / weight</b>	Humidity test	95% RH, non-condensing (EN 60730-1)
	Maintenance	Maintenance-free
	Dimensions (LxWxH)	220x116x70mm
	Shaft length	Min. 52mm (20mm for reverse mounting)
	Shaft	⌀12...26.7mm/12...25.2mm
	Weight	Approximately 1700g

Dimensions [mm]

Standard :

Damper spindle	Length	● I	■ I	◆ I
	>52	12...26.7	>12	<25
	>20	12...26.7	>12	<25

