




# Actuators LKS Series



The LKS Series Servo Motors are for general use for combustion air dampers

Type /Series	LKS 118	LKS 131	LKS 160	LKS 170	LKS 310
Application	For small burners with simple air damper control (open / close)	For 1- or 2-stage oil and gas burners with or without fully closing damper	For air dampers on multi stage or modulating oil and gas burners with fully closing damper.	Direct coupled, air dampers on multi stage or modulating oil and gas burners with fully closing damper.	For air dampers with higher torque or industrial applications
Drive time for 90° stroke / Torque Nm	5 seconds / 0.6 Nm	5 seconds / 0.6 Nm 15 seconds / 0.6 Nm 38 seconds / 0.6 Nm	3 seconds / 1.5 Nm 5 seconds / 2.5 Nm 8 seconds / 3.0 Nm 12 seconds / 3.0 Nm 22 seconds / 3.0 Nm 34 seconds / 3.0 Nm 45 seconds / 3.0 Nm 65 seconds / 3.0 Nm	5 seconds / 1.2 Nm 10 seconds / 1.2 Nm 13 seconds / 2.4 Nm 15 seconds / 2.4 Nm 26 seconds / 2.8 Nm 30 seconds / 2.8 Nm	3.5 seconds / 3.5 Nm 7 seconds / 7.0 Nm 10 seconds / 10.0 Nm 15 seconds / 15.0 Nm 30 seconds / 15.0 Nm
Max. possible cams	2	7	7	5	7
Shaft	10 mm hexagonal shaft or couples to 6 mm round shaft flattened to 5 mm	Couples to square shaft 8 x 8 mm	Round shaft 8 mm, flattened to 7 mm or hexagonal shaft 8 mm	Couples to square shaft 8 x 8 mm	Round shaft 10 mm, flattened to 8 mm
Electrical connection	Provided with cable	Provided with cable and plug	Multi-pole terminal block	Provided with cable and plug	Multi-pole terminal block
Add-on potentiometer	No	Yes, with add-on kit and dependent on cam-configuration	Yes, with add-on kit and dependent on cam-configuration	Yes, with add-on kit	On request
					
					

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