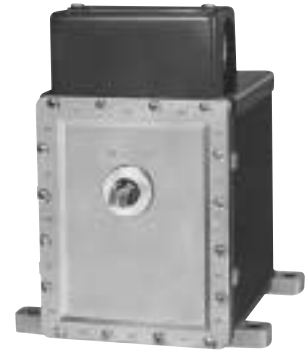


M931F

Modutrol Motors

The M931F serves proportional control motors for driving commercial and industrial control valves and dampers, as well as for controlling the combustion quantity of gas and oil burners.



Specifications

Power supply voltage	24Vac, 50/60Hz
Power consumption	17W (at rated power supply voltage)
Ambient temperature	Upward position: -20 to +51°C (for damper) Downward position: -20 to +38°C (for damper)
Ambient humidity	40°C, 90%RH max.
Mounting	4 mounting holes, with motor shaft horizontal
Rotating angle	90°
Rotating time	34s
Maximum torque	125kg/cm
Balancing relay	Provided
Weight	Approx. 5kg
Housing	Zinc die-cast
Standard attachment	Damper arm (Part No. J-26026G-ARM) Crank arm (Part No. N-3128) for M931F137
Auxiliary parts (order separately)	Ball joint (Part No. J-27518-JOINT) or 81405251-001

Selection Guide

Model No.	Operation	Input signal	Rotating angle (stroke)	Rotating time (s) at 60Hz	Maximum torque (N-m)	Auxiliary switch
M931F133	Position proportioning	Relay contact	90°	34	12.3	Provided
M931F129	Position proportioning	Relay contact	90°	17	6.13	Provided
M931F137	Position proportioning	Relay contact	90°	34	12.3	Provided

Dimensions

(unit:mm)

