

M6284A,C,F

Modutrol-IV Motors



The M6284A,C,F are reversible, three-wire floating-control motors with feedback potentiometer. They are used with controllers that provide SPDT output to operate dampers and valves.

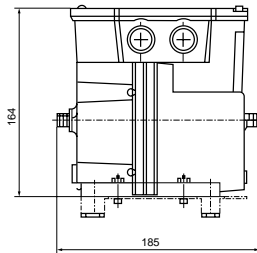
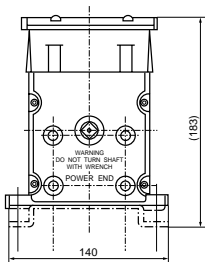
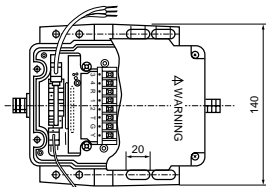
Specifications

Output torque	16.9N-m
Max. permissible load weight	890N
Feedback potentiometer nominal value	115Ω
Materials and finish	Magnesium die-cast priming surface (housing and cover) Aluminum die-cast priming surface (motor mount)
Power supply	24Vac, 50/60Hz
Power consumption	17W or less
Ambient temperature	-40 to +60°C
Ambient humidity	90%RH max. 40°C (no condensation allowed)
Weight	Approx. 3kg
Conforming standards	UL: File No. E4436 Guide No.XAPX CSA: General listing file No. LR1620, Guide 400-E

Selection Guide

Model No.	Operation	Input signal	Rotating angle (stroke)	Rotating time (s) at 60Hz	Maximum torque (N-m)	Auxiliary switch	Replaced M944 Series Model No.
M6284A1030	Position proportioning	Relay contact	160°	60	16.7	-	M944B100
M6284C1028	Position proportioning	Relay contact	90°	34	16.7	Provided	M944E300
M6284F1039	Position proportioning	Relay contact	90° to 160°	34 to 60	16.7	Provided	M944E200

Dimensions (unit:mm)



ACTUATORS