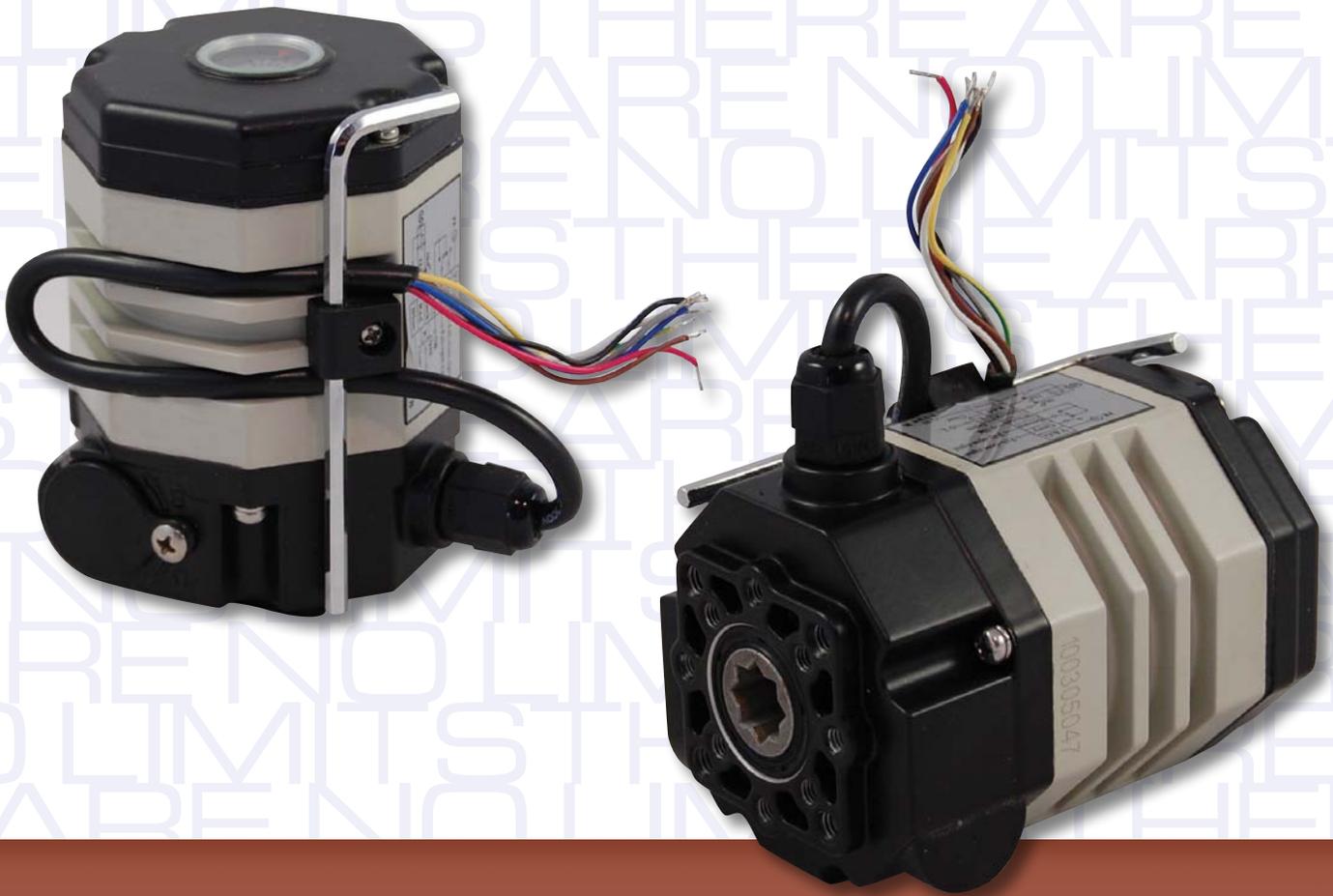


MAX-AIR MACC ACTUATORS



MACC SERIES ELECTRIC ACTUATORS



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FEATURES & TECHNICAL DATA

COMPACT DESIGN

This actuator generates 160 in-lbs of output torque (or 80 in-lbs in the quick acting unit) in roughly the size of a soda can.

VOLTAGE OPTIONS

This unit is available as a 24VAC or VDC unit, 110VAC and 220VAC.

ISO MOUNTING PATTERNS

The unit comes standard with F03, F04, and F05 mounting flanges along with a 9 or 11mm square output drive.

SWITCHES

Available with or without auxiliary signaling switches.

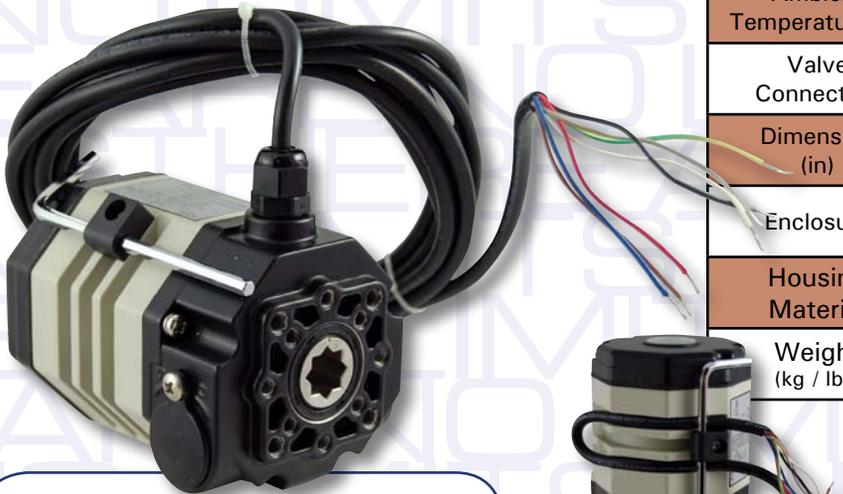
MANUAL OVERRIDE

Manual override capability is standard in case of power failure.

FLYING LEADS

The flying leads on the MACC actuators offer easy wiring options with quick assembly. Twelve inch leads are standard but various lengths are available by special order to accommodate any custom project.

Model	MACC-025			
Power	24V / 110V / 220V AC		24V DC	
Output Torque (in-lbs)	160	80 Quick Acting	160	80 Quick Acting
Operation Speed (sec)	12	6	12	6
Power Consumption (W)	6W		8W	
Rated Current (A)	0.15A (220V)	0.28A (110V)	1.10A (24V/AC & DC)	
Insulation Resistance	100MΩ@500VDC		100MΩ@250VDC	
Withstand Voltage	1500V AC @ 1 min		550V AC @ 1 min	
Thermal Protection	Standard accessory, built-in, auto-reset type			
Mounting Direction	All directions			
Ambient Temperature (F)	-22°F ~ +140°F			
Valve Connection	ISO5211, □9/11mm x F03 / F04 / F05			
Dimension (in)	2.83"(W) x 2.95"(L) x 4.72"(H)			
Enclosure	IP68			
Housing Material	Die-casting aluminum alloy			
Weight (kg / lbs)	1.2 kg / 2.65 lbs.			



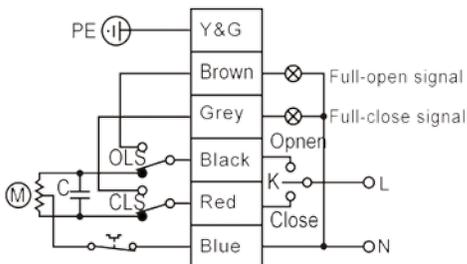
Flying leads allow for easier integration and can be customized to fit your project.



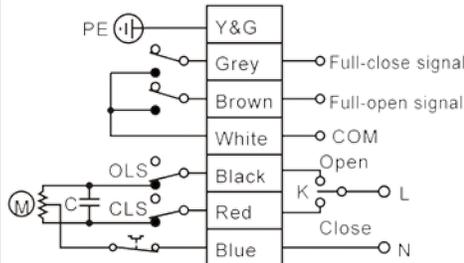
MACC series actuator shown assembled with stainless steel and brass ball valve.

WIRING DIAGRAMS

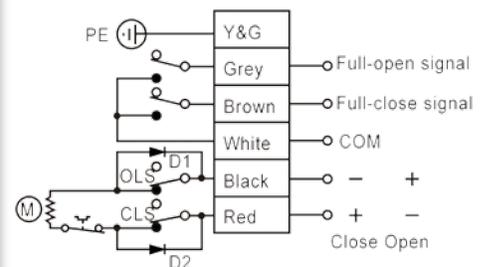
AC-without signal switches



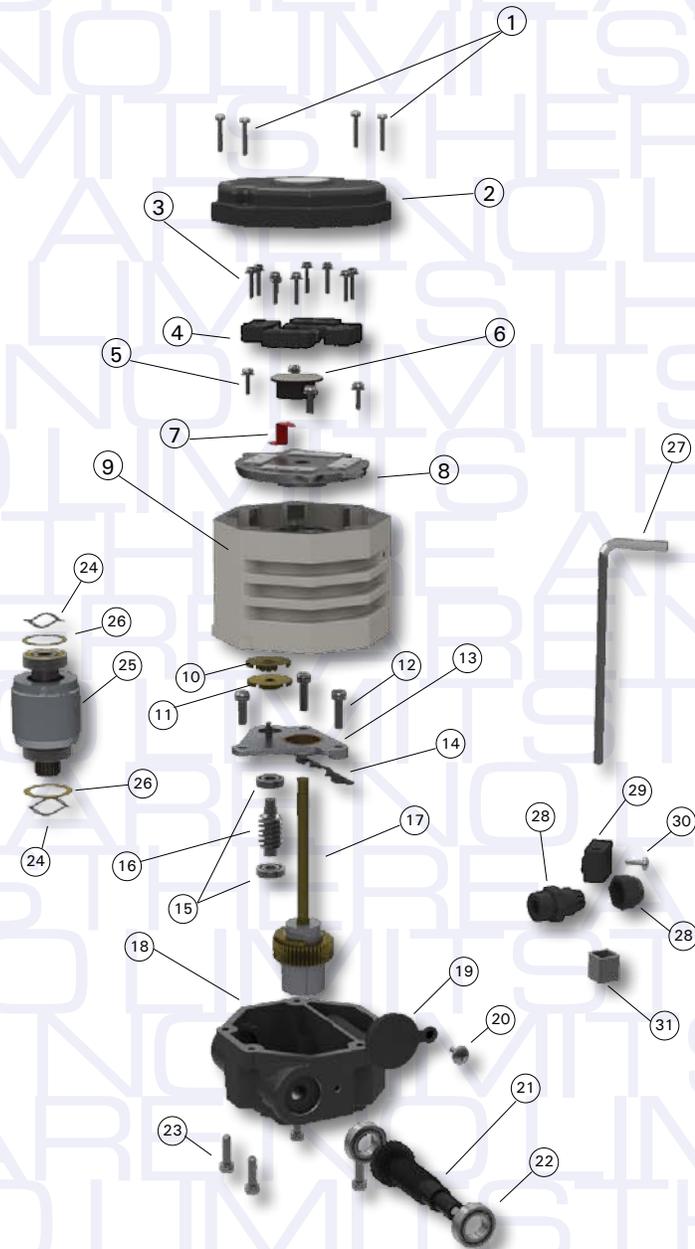
AC-with signal switches



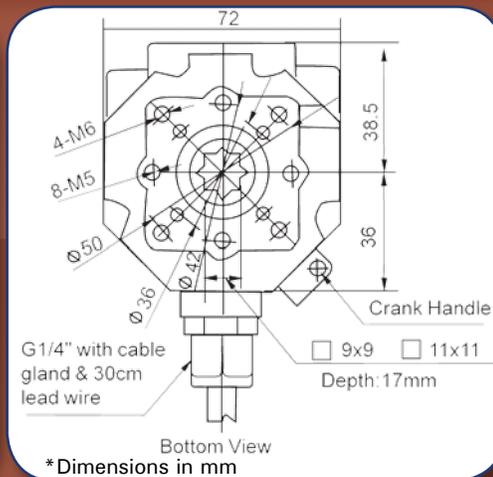
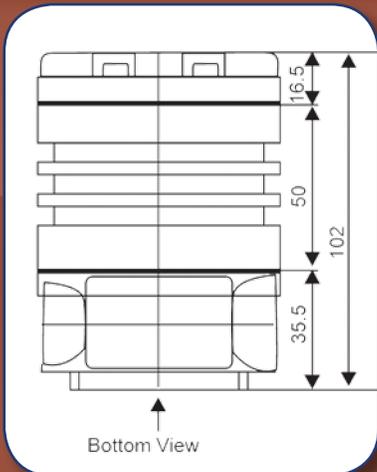
DC-with signal switches



EXPLODED VIEW & DIAGRAMS



Item	Description	Materials
1	Switch Cover Screws (4)	Plated Steel
2	Switch Cover	Aluminum
3	Switch Screws (8)	Plated Steel
4	Mechanical Switches	Technopolymer
5	Switch Plate Screws (4)	Plated Steel
6	Indicator	Aluminum
7	Pointer	Painted Steel
8	Switch Plate	Aluminum
9	Housing	Aluminum
10	Top Gear	Brass
11	Bottom Gear	Brass
12	Gear Plate Screws (3)	Plated Steel
13	Gear Plate	Aluminum
14	Travel Stop	Painted Steel
15	Worm Bearings	Steel
16	Worm	Steel
17	Main Shaft	Brass/Aluminum
18	Base	Aluminum
19	Manual Override Cover	Rubber
20	Override Cover Screw	Plated Steel
21	Worm Gear	Painted Steel
22	Worm Gear Bearings	Steel
23	Base Screws (4)	Plated Steel
24	Wave Washers (2)	Painted Steel
25	Motor Core	Aluminum
26	Motor Core Washer (2)	Brass
27	Override Wrench	Plated Steel
28	Strain Relief	Polymer
29	Wrench Holder	Polymer
30	Wrench Holder Screw	Plated Steel
31	Stem Adapter	Stainless Steel



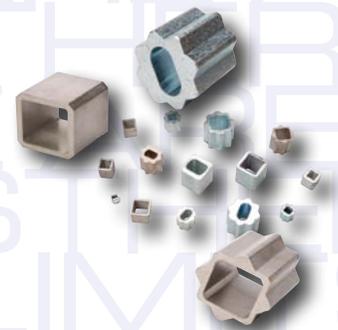


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