



Motor 92K

The ESBE series 90 motors are direct mount compact motors designed to operate ESBE and other brands of 3- and 4- way mixing valves. The motors are reversible (Figure 1 -internal switch) and their rotation can be set between 15° and 180° by adjusting the internal pawls (cam discs).

The ESBE series 90 motors are available in 3 versions:
 - 24 volt "floating" (3-wire) (models 91M, 92M, 92-2M and 93M)
 proportional for 0-10vdc, 4-20mA, 0-20mA signals (model 92P). The motor 92P is factory configured for 0-10 V operation.
 - with built-in temperature controller (models 92K)

Auxiliary Switches

The motors, except 92P and 92K, are factory equipped with one auxiliary switch which can be set to make/break the contact at any position of the motor. This is done by adjusting the cam which activates the switch.

Technical Data:

Operating temperature: -15° to 130°F (-10° to 55°C)
 Power Consumption: 3 VA
 Weight: 1.8 lb. (0.8 kg)
 Protection type: IP54
 Includes Auxiliary Switch.

Ref.	Code No.	Voltage Volts. AC	Running time/90°		Torque	
			50 Hz	60 Hz	in. lb	(Nm)
91M	065F 8952	24	15 sec.	12 sec.	45	(5)
92M	065F 8953	24	1 min.	50 sec.	135	(15)
92-2M	065F 8959	24	2 min	100 sec.	135	(15)
93M	065F 8954	24	5 min.	4 min.	135	(15)
92P	065F 8955	24	1 min.	50 sec.	135	(15)
92K	065F 8956	24	1 min.	50 sec.	135	(15)