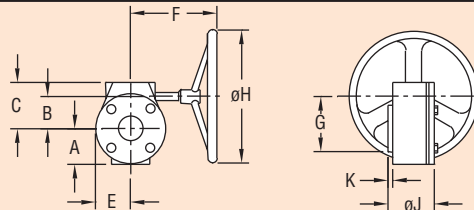




Series
MGO

Gear Operator

Rugged, Cast Iron Housing



Size in	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	øH (mm)	øJ (mm)	K (mm)
2" to 6"	2.047 (52)	1.781 (45.24)	2.922 (74.22)	2.047 (52)	6.000 (152.4)	2.953 (75)	5.906 (150.02)	1.391 (35.32)	.109 (2.78)
8" to 10"	2.953 (75)	2.484 (63.10)	3.984 (101.20)	2.953 (75)	9.844 (250.03)	3.391 (86.12)	11.813 (300.04)	2.766 (70.25)	.125 (3.18)
12"	3.203 (81.36)	3.156 (80.17)	4.656 (118.27)	3.203 (81.36)	8.938 (227.01)	3.281 (83.34)	11.813 (300.04)	2.766 (70.25)	.125 (3.18)

The Series MGO Gear Operators offer heavy-duty on-off or throttling service for valves or dampers, including our BFV Series butterfly valves. These gear operators are self-lubricated for smooth, trouble-free operation. The rugged, cast iron body with O-ring body seals is weatherproof. A self-locking worm and worm gear holds the valve in the desired position. Features include a readily accessible hand wheel, a valve position indicator and mechanical travel stops that permit field adjustment for valve movement to specific degrees of rotation.

SPECIFICATIONS

Materials: Cast iron housing, hardened steel internals, NBR seals.

Keyway Type: Square ISO male.

Ratio: 2 to 6": 24:1; 8 to 10": 30:1; 12": 50:1.

Mechanical Advantage: 2 to 6": 6.72; 8 to 10": 8.1; 12": 13.5.

Weight: See model chart.

Model	Compatibility	Output Torque in-lb (N*m)		Weight lb (kg)
		Min	Max	
MGO-1T	Works with 2", 2.5" & 3" size BFV Series butterfly valves	1328 (150)	2390 (270)	11.5 (5.2)
MGO-2T	Works with 4" size BFV Series butterfly valves	1328 (150)	2390 (270)	11.5 (5.2)
MGO-3T	Works with 6" size BFV Series butterfly valves	1328 (150)	2390 (270)	11.5 (5.2)
MGO-4T	Works with 8" size BFV Series butterfly valves	4425 (500)	6196 (1200)	28.6 (13)
MGO-5T	Works with 10" size BFV Series butterfly valves	4425 (500)	6196 (1200)	28.6 (13)
MGO-6T	Works with 12" size BFV Series butterfly valves	8851 (1000)	10621 (1200)	33 (15)