

GO Series

Quarter – Turn Worm Gear Operator

Product Description

The GO Series Manual Gear Operator provides reliable quarter-turn valve operation with smooth torque, controlled movement, and self-locking safety. Designed for butterfly and ball valves, it ensures durable, precise performance in industrial and process environments.

Design Features

- Self-locking worm gear design
- Adjustable mechanical travel stops
- Visual position indicator
- Sealed enclosure for harsh environments
- Factory-lubricated gearing
- Heavy-duty construction
- Low maintenance design
- Easy installation setup

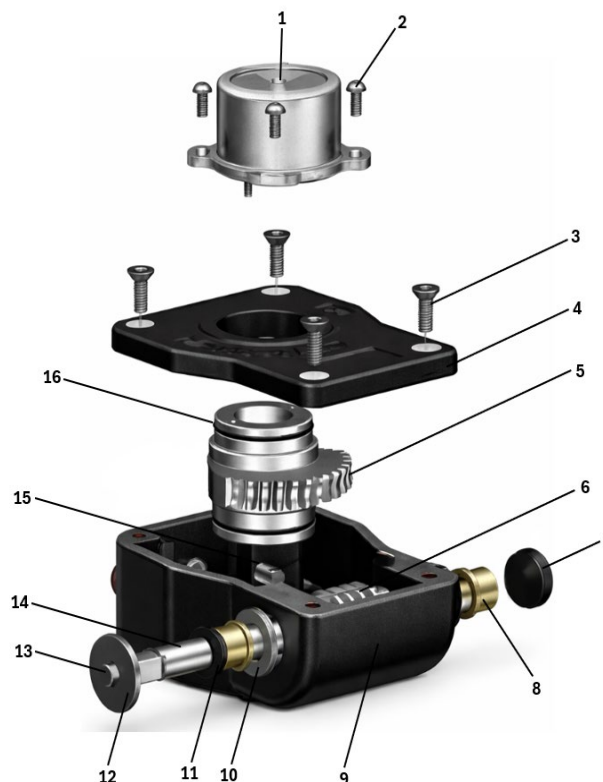


Technical Specifications

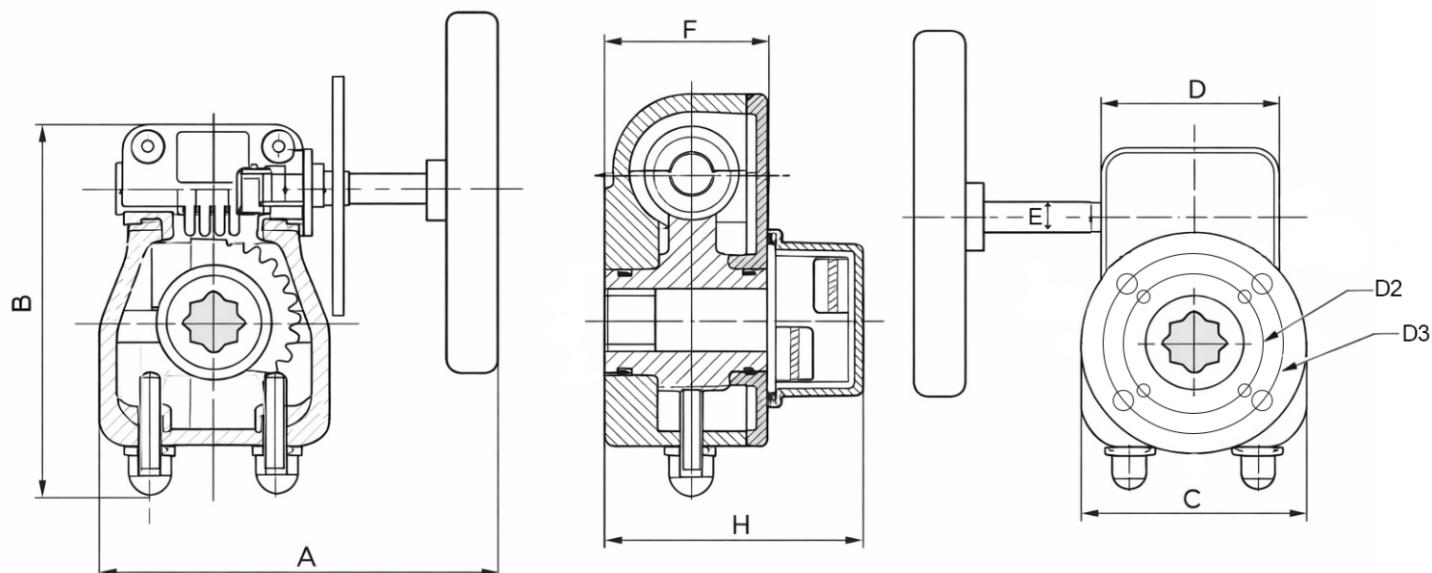
Rotation Range	0° - 90° (±5° adjustable)
Mounting Standard	ISO 5211
Enclosure Rating	IP67
Operating Temperature	-20°F to +250° F
Torque Range	1,596 ~ 2832 in-lb.

Materials of Construction

No.	Name	Material
1	Indicator Cover	Polycarbonate
2	Screw	Stainless Steel 304
3	Screw	Stainless Steel 304
4	Cover	Cast Aluminum Alloy
5	Worm gear	Cast Iron
6	Rack	Carbon Steel (45#)
7	Plug	Rubber
8	Shaft Sleeve	Polyketone Plastic
9	Housing	Cast Aluminum Alloy
10	Shaft bearing	Alloy steel
11	Seal	Rubber
12	Washer	Stainless Steel 304
13	Screw	Stainless Steel 304
14	Shaft	Carbon Steel (45#)
15	Regulating Screw	Stainless Steel 304
16	O-ring	Nitrile Rubber (NBR)
17	Hand Wheel (not shown)	Steel



Dimensions and Specifications



Model Number	GO-01	GO-02
HX BFV Sizes	1" - 3"	4" - 6"
ISO 5211 Pattern	F05 / F07	F07
Bolt Circle D2/D3 (in)	1.97 / 2.76	2.76 / 3.50
Thread Specification	4-M6 / 4-M8	4-M8
Standard Drive (in)	0.35 / 0.43 / 0.55	0.55 / 0.67
Output Torque(in-lb.)	1596	2832
Approx. Weight (lb.)	2.9	4.1
Handwheel Diameter (in)	4.72	6.3
A (in)	6.5	7.28
B (in)	5	5.59
C (in)	3.31	4.02
D (in)	2.6	3.11
E (in)	0.47	0.47
F (in)	1.85	2.05
H (in)	2.87	3.07