



WEFLO VALVE COMPANY LTD.



Wafer Butte Gear Operat FIG · F0811

Specifications

- Single piece through shaft.
- Vulcanized seat design for bubble-tight shutoff at 300 psi.
- Flag type position indicator.
- Low torque operation, high cycle life.
- With built-in supervisory switch.
- Top flange to ISO 5211/1.
- Flanges to ANSI B16.1 Class125, EN1092-2 PN10/16. (Other types available upon request)
- UL Listed for size 2"–12".
- FM Approved for size 2"–6".

Working Pressure

- 300PSI.
- 200PSI and 250PSI available on request.

Working Temperature

- -10°C to 82°C.

Corrosion Protection

- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

Notes:

Design and material are subject to change without notice.

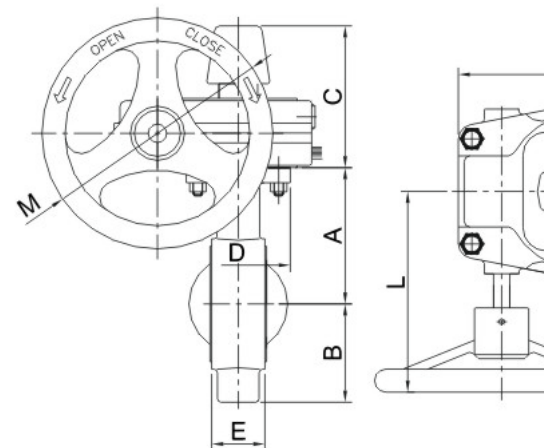
Material Specifications

Part Name	Material	ASTM Spec.
Body	Ductile Iron	A536 65-45-12
Seat	Rubber	EPDM
Disc	Ductile Iron	A536 65-45-12
Shaft	Stainless Steel	AISI 431
Bushing	Brass	C67400
Gearbox Housing	Cast Iron	A126 Class B
Gearbox Cover	Cast Iron	A126 Class B
Wormgear	Bronze	C62300
Worm	Stainless Steel	AISI 316
Handwheel	Cast Iron	A126 Class B

Dimensions (mm / inch)

Size	A	B	D	E	C	F	G	H	L	M
2"	110	74	90	43	120	170	65	155	150	200
	4.33	2.91	3.54	1.69	4.72	6.69	2.56	6.10	5.91	7.87
2.5"	118	85	90	46	120	170	65	155	150	200
	4.65	3.35	3.54	1.81	4.72	6.69	2.56	6.10	5.91	7.87
3"	130	95	90	46	120	170	65	155	150	200
	5.12	3.74	3.54	1.81	4.72	6.69	2.56	6.10	5.91	7.87
4"	145	115	90	52	120	170	65	155	150	200
	5.71	4.53	3.54	2.05	4.72	6.69	2.56	6.10	5.91	7.87
5"	160	130	90	56	120	170	65	155	150	200
	6.30	5.12	3.54	2.20	4.72	6.69	2.56	6.10	5.91	7.87
6"	175	145	90	56	120	170	65	155	150	200
	6.89	5.71	3.54	2.20	4.72	6.69	2.56	6.10	5.91	7.87
8"	200	170	125	60	160	225	85	206	200	300
	7.87	6.69	4.92	2.36	6.30	8.86	3.35	8.11	7.87	11.81
10"	250	208	125	68.5	160	225	85	206	200	300
	9.84	8.19	4.92	2.70	6.30	8.86	3.35	8.11	7.87	11.81

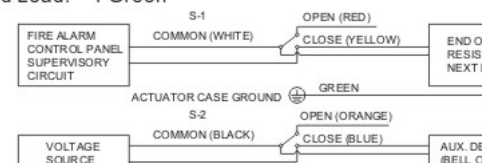
Schematic



Installation sheet for Gear Operator With Tampe

Butterfly valves are provided with internal supervisory p...
The tamper switch operates by a cam connected to the switch will change position and close within two (2) full...
wheel from the fully open position.

- Switch #1:
For connection to the supervisory circuit
Normally closed: 2 Yellow
Normally open: 2 Red
Common: 2 White
- Switch #2:
Auxiliary switch connected per authority
Normally closed: 1 Blue
Normally open: 1 Orange
Common: 1 Black
Ground Lead: 1 Green



12"	Z15	Z38	125	19.5	100	Z25	85	Z05	Z00	300
10.83	9.37	4.92	3.13	6.30	8.86	3.35	8.11	7.87	11.81	

Notes:
1. Item no. VISION 021 C2.
2. Rated: 10A 125-250VAC.

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