

SPECIFICATION

FLANGED TO BS 4504 PN16/25, JIS10/16K, ISO 1092-2, ANSI Class 125/150.

FACE-TO-FACE DIMENSION TO ISO 5752/ BS 5155 / BS EN 593.

WORM GEAR OPERATOR.

PRESSURE/TEMPERATURE RATINGS

Working pressure	16/25 bar
Testing Pressure	Shell: 24/37.5 bar, Seat: 17/26 Bar
Working temperature	-20°C to 110°C EPDM Seat -10°C to 80°C NBR Seat
Suitable Media	

MATERIALS

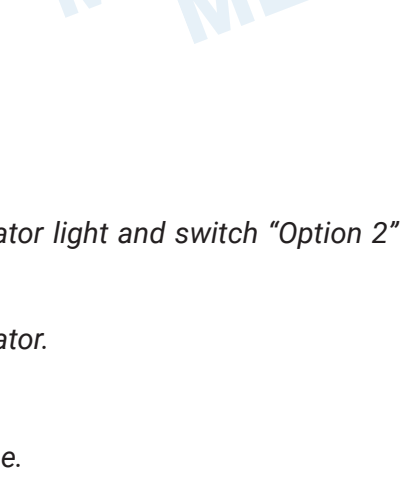
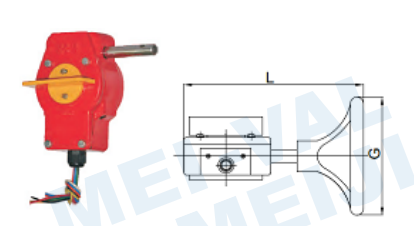
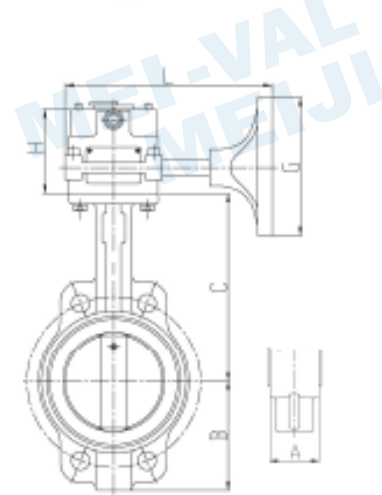
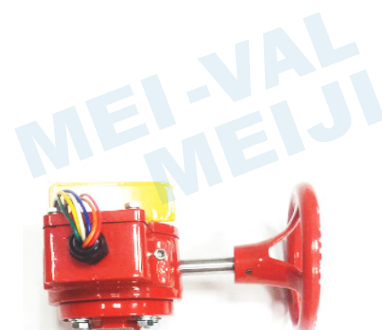
Part	Material	ASTM Spec.	EN Spec.
Body	Ductile Iron	A536 65-45-12	1563 EN-JS1040
Disc	Ductile Iron	A536 65-45-12	1563 EN-JS1040
	Stainless Steel 304	A531 CF-8	970 304 C15
Shaft	Stainless Steel 410	A276 S 410 00	970 410 S21
	Stainless Steel 431	A276 S 431 00	970 431 S29
Seat Ring	EPDM / NBR		
Taper Pins	Stainless Steel 304	A276 S 304 00	970 304 S15
Key	Carbon Steel		
O-Ring	EPDM / NBR		
Bushing	Bronze	B62 C83600	1400 LG2
Painting	Red Epoxy Power Coating		

DIMENSIONS

Size (mm)	A (mm)	B (mm)	C (mm)	H (mm)	L (mm)	G (mm)
50	42	80	161	90	210	145
65	46	89	175	90	210	145
80	46	95	181	90	210	145
100	52	114	200	90	210	145
125	55	127	213	90	210	145
150	56	139	226	90	210	145
200	62	175	260	90	250	285
250	67	203	292	90	250	285
300	77	242	337	90	250	285

Note:

- There are two switch in gear box, switch "Option 1" controls indicator light and switch "Option 2" connects to control room.
- Disc: Nickel Plate Coating (Standard).
- The butterfly valve can be supplied with electric or pneumatic actuator.
- Micro switch/limit switch box are available upon request.
- If used for gas application, please consult our sales office.
- Design and specifications are subject to change without prior notice.



INSTALLATION INSTRUCTIONS

FOR VALVE BODY:

Valve body design Face-to-Face dimension to ISO 5752, BS5155, BS EN593.

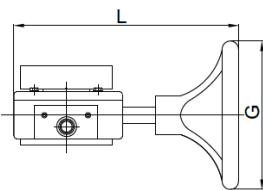
For installation Flanges to BS4504 PN16/25; ANSI B16.1 class 125/150; JIS 10K/16K.

See valve dimensional information for min pipe I.D (Dimension E)

1. Two flanged mating pieces should be placed at a distance apart that is slight more than the thickness of the body (dim B on wafer table)
2. A minimum of 2 studs shall be placed through adjacent flange holes so that the lower turn on of the valve can fit between them. Normally this is the bottom 2 holes if the valve will be vertical with open/closed indicator on top.
3. Place the valve between the flanges-take care not to disturb the body gaskets.
4. Place remaining studs around the valve and tighten using an alternating pattern until desired torque is reached.

FOR SWITCH WIRING:

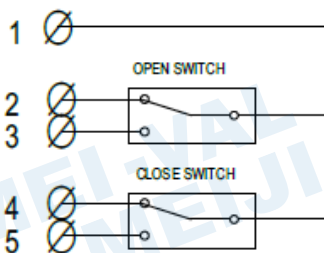
1. Valve has internal switches that operate from the Open position
2. Indicator light is bright when valve is open fully, control room give an alarm and indicator light 24V is put out then valve is close to 20°C direction.
3. There are two switch in gear box, one controls indicator light and the other connects to control room.
4. Unused leads can be tucked into junction box.
5. Always comply with national codes, local codes, and NPFA 13, 71 and 72



DIMENSIONS		
Size (mm)	L (mm)	G (mm)
50	210	145
65	210	145
80	210	145
100	210	145
125	210	145
150	210	145
200	300	285
250	300	285
300	300	285

SWITCH WIRE

OPTION 1



OPTION 2

