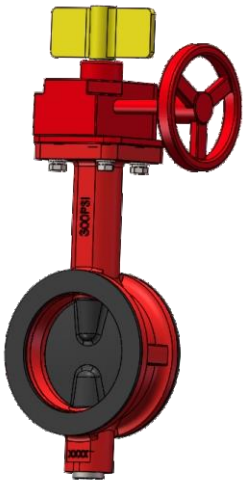
Wafer Butterfly Valve with Signal Gear Box
Fig. NSBU-W



Descriptions

Nordic Valves Model NSBU-W wafer butterfly valve is the gear operated fitted with visual indicator and supervisory switch. Model NSBU-W butterfly valves are suitable for installation between two flanges which have universal design and can be connected between ASME B16.42 Class150/BS EN 1092-2. Model NSBU-W is listed for 200psi/250psi/300psi.

Valve gear is fitted with two internal switches with SPDT contact to supervise valve open or closed position. Model NSBU-W offers minimum flow restriction and pressure loss when used in the fully open position.

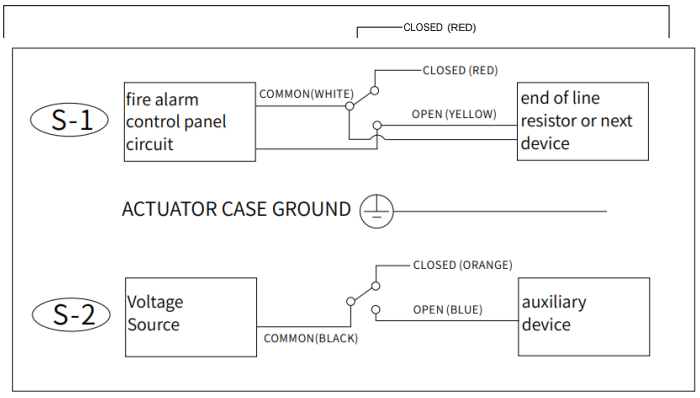
Technical Specification

Design Standard: FM1112
Face-to-face Standard: ISO5752
Test Standard: FM1112, UL1091
Connection Standard: BS EN1092-2
ASME B16.42 Class150
Working Pressure: 300/250/200psi
Working Temperature: -10 - 120°C

Features

Robust valve body in ductile iron
Fully encapsulated valve plate
Fusion bonded epoxy power coating comply with ANSI/AWWA C550
FM approved for use in fire protection system
Remote electrical position indicator with two separate micro switches

Wire Diagram

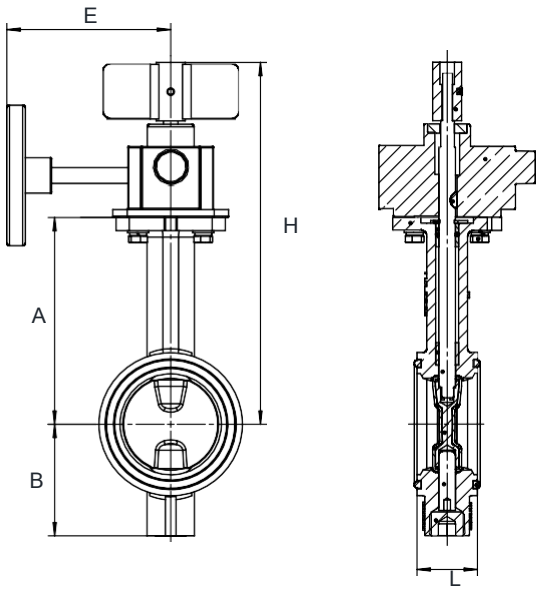


(Valve Fully Open)

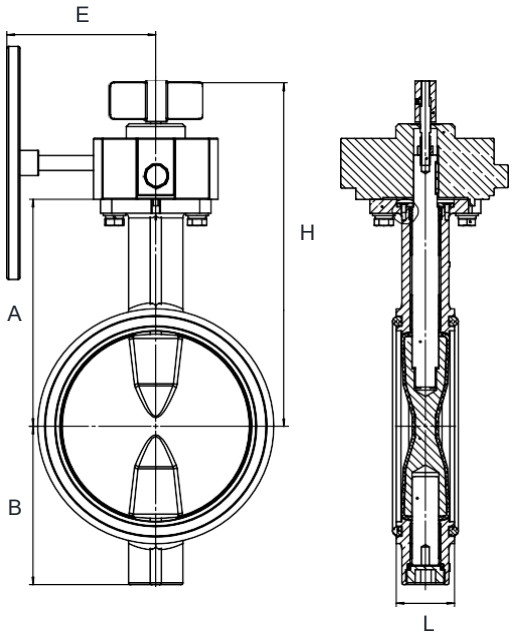
Switch1 (S-1): For connection to supervisory circuit of an alarm control panel.
Switch2 (S-2): Auxiliary switch for connection to a local device.

Subject to change without notice due to continuing products development.

Wafer Butterfly Valve with Signal Gear Box
Fig. NSBU-W



DN50-DN150



DN200-DN300

Materials

Part	Material	Specification
Body	Ductile Iron	ASTM A536
Disc	EPDM Fully Encapsulated Ductile Iron	ASTM A536+EPDM
Shaft (Upper/Lower)	Stainless Steel	ANSI SS410
O-Ring	EPDM	-
Bushing	Bronze	ASTM B150M C63000
Gland	Galvanized Carbon Steel Surface Passivation	
Washer	Galvanized Carbon Steel Surface Passivation	
Plug	Galvanized Carbon Steel Surface Passivation	
Gear Box Housing	Ductile Iron	ASTM A536
Gear Box Fasteners	Galvanized Carbon Steel Surface Passivation	

Dimensions (mm)

DN	A	B	L	E	H
DN 50	140.5	72	43	125	258.6
DN 65	152.5	78	46	125	270.6
DN 80	157.5	85	46	125	275.6
DN 100	176	105	52	125	294
DN 125	191	128	56	140	312
DN 150	202.5	140	56	140	322.6
DN 200	243.5	170	62	159	345.5
DN 250	273	205	68	159	401
DN 300	311	258	78	228	437

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