

NIBFV-G/NIBV-G

Grooved End Butterfly Valve

Indoor Use Only

UL Listed & FM Approved



Specifications

Size : 2 1/2" Through 8"
Working Pressure : 175 PSI (12.5 Bars)
Max. Test Pressure : 350 PSI (25.0 Bars)
Working Temperature : 250 °F (120 °C)

Factory Installed UL Approved Tampered Switch for Indoor Use Only

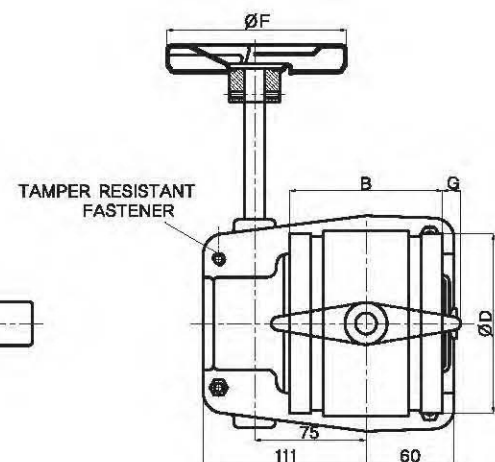
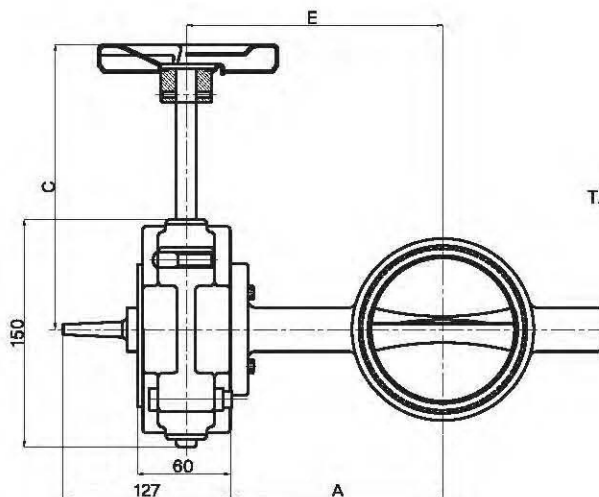
Materials

Body : Ductile Iron, Nylon-11 coated
Disc : Al-Bronze, Ductile Iron, EPDM Encapsulated
Stem : Stainless Steel, Hardened & Tempered
Housing : Ductile Iron
Hand Wheel : ASTM A-619

Dimensions

(Unit: mm/inch)

SIZE	A	B	C	D	E	F	G	Wt.Kg(Lbs)
2 1/2"	105(4.13)	96.4(3.80)	135(5.31)	73.1(2.88)	135(5.31)	125(4.92)		8.2(18.04)
3"	112(4.41)	96.4(3.80)	135(5.31)	88.9(3.50)	142(5.59)	125(4.92)		9.0(19.8)
4"	145(5.71)	115.4(4.54)	135(5.31)	114.3(4.50)	175(6.89)	125(4.92)		10.7(23.54)
6"	179(7.05)	132.4(5.21)	193(7.60)	168.3(6.63)	209(8.23)	225(8.86)	6.8(0.27)	15.2(33.44)
8"	204(8.03)	147.4(5.80)	193(7.60)	219.1(8.62)	234(9.21)	225(8.86)	24.2(0.95)	20.4(44.88)



NIBFV-W/NIBV-W

Wafer Butterfly Valve

Indoor Use Only

UL Listed & FM Approved



Specifications

Size	: 2 1/2" Through 8"
Working Pressure	: 175 PSI (12.5 Bars)
Max. Test Pressure	: 350 PSI (25.0 Bars)
Working Temperature	: 250°F (120°C)
Factory Installed UL Approved Tampered Switch for Indoor Use Only	

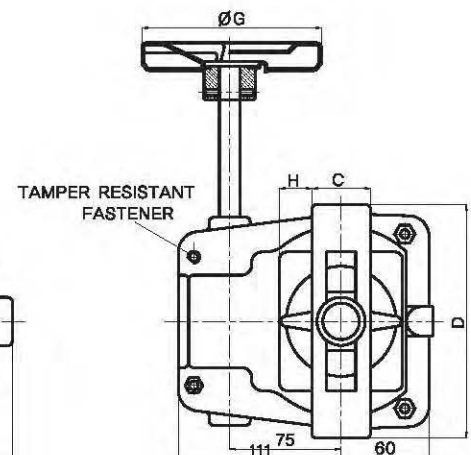
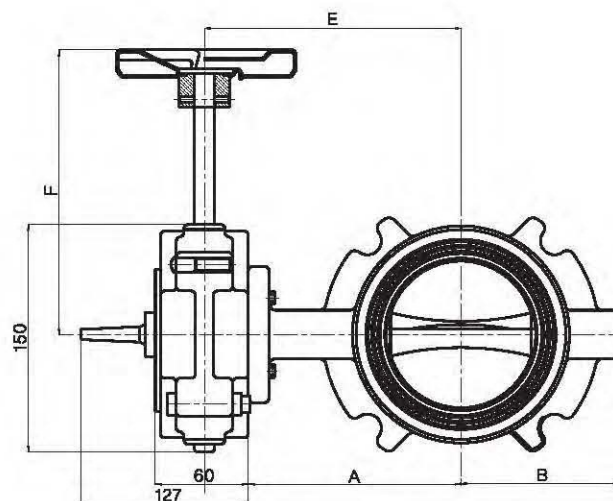
Materials

Body	: Ductile Iron, EPDM Encapsulated
Disc	: Al-Bronze, Ni-Cr Plated
Stem	: Stainless Steel, Hardened & Tempered
Housing	: Ductile Iron
Hand Wheel	: ASTM A-619

Dimensions

(Unit: mm/inch)

SIZE	A	B	C	D	E	F	G	H
2 1/2"	120(4.72)	85(3.35)	49(1.93)	116(4.57)	150(5.91)	135(5.31)	125(4.92)	9.5(0.37)
3"	127(5.00)	92(3.62)	49(1.93)	132(5.20)	157(6.18)	135(5.31)	125(4.92)	16.0(0.63)
4"	145(5.71)	108(4.25)	55(2.17)	152(5.98)	175(6.89)	135(5.31)	125(4.92)	25.0(0.98)
6"	180(7.09)	145(5.71)	59(2.32)	207(8.15)	210(8.27)	193(7.60)	225(8.86)	45.3(1.78)
8"	204(8.03)	170(6.69)	63(2.48)	262(10.31)	234(9.21)	193(7.60)	225(8.86)	68.5(2.70)



NIBB-G

Bronze Butterfly Valve Grooved End Type

Indoor Use Only

FM Approved



Specifications

Size : 2" Through 2 1/2"
Working Pressure : 175 PSI (12.5 Bars)
Max. Test Pressure : 350 PSI (25.0 Bars)
Working Temperature : 250°F (120°C)
Factory Installed UL Approved Tampered Switch for Indoor Use Only

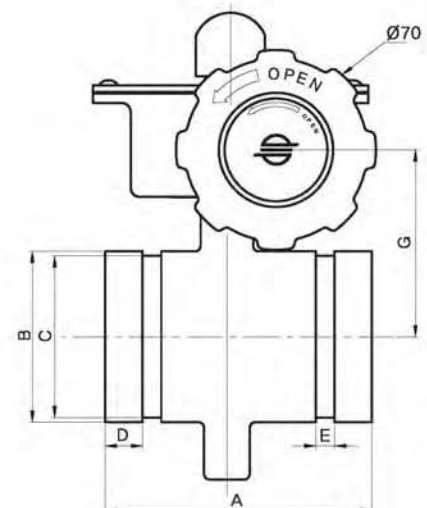
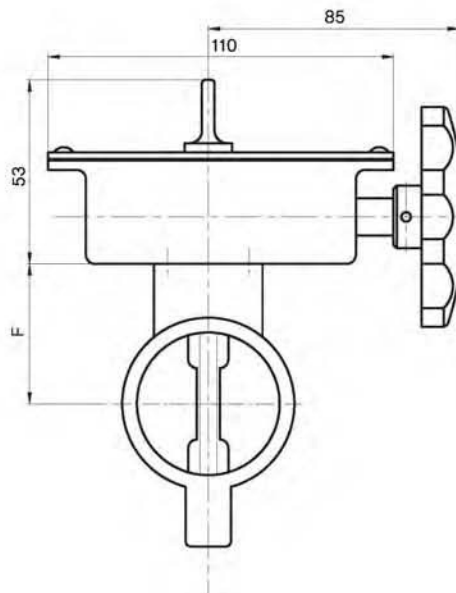
Materials

Body : Brass, Bronze
Disc : Brass, Ductile Iron, EPDM Encapsulated
Stem : Stainless Steel, Hardened & Tempered

Dimensions

(Unit: mm/inch)

SIZE	A	B	C	D	E	F	G	Wt.Kg(Lbs)
2"	114(4.49)	60.3(2.37)	57.1(2.25)	15.8(0.62)	7.9(0.31)	50(1.97)	65(2.56)	2.2(4.84)
2 1/2"	114(4.49)	73.0(2.87)	69.0(2.72)	15.8(0.62)	7.9(0.31)	50(1.97)	65(2.56)	2.4(5.28)



NIBB-T

Indoor Use Only

Bronze Butterfly Valve Threaded End Type

FM Approved



Specifications

Size	: 1" Through 2 1/2"
Working Pressure	: 175 PSI (12.5 Bars)
Max. Test Pressure	: 350 PSI (25.0 Bars)
Working Temperature	: 250°F (120°C)
Factory Installed UL Approved Tampered Switch for Indoor Use Only	

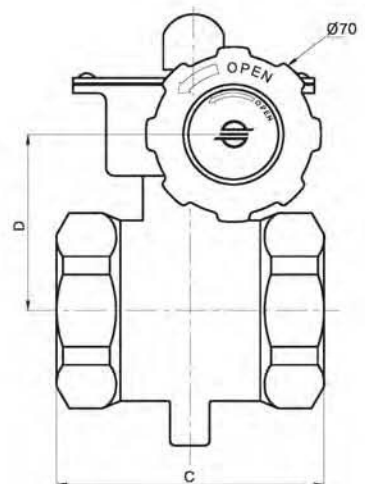
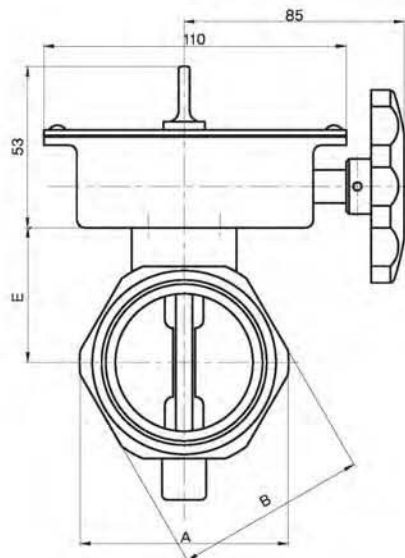
Materials

Body	: Brass, Bronze
Disc	: Brass, Ductile Iron, EPDM Encapsulated
Stem	: Stainless Steel, Hardened & Tempered

Dimensions

(Unit : mm/inch)

SIZE	A	B	C	D	E	Wt.Kg(Lbs)
1"	43.7(1.72)	39.7(1.56)	54.0(2.13)	52(2.05)	37(1.46)	1.5(3.30)
1 1/4"	53.2(2.09)	49.0(1.93)	67.0(2.64)	56(2.20)	41(1.61)	1.7(3.74)
1 1/2"	58.5(2.30)	56.0(2.20)	73.0(2.87)	59(2.32)	44(1.73)	1.8(3.96)
2"	76.0(2.99)	70.0(2.76)	82.4(3.24)	64(2.52)	49(1.93)	2.4(5.28)
2 1/2"	89.0(3.50)	84.0(3.31)	104(4.09)	65(2.56)	50(1.97)	3.1(6.82)



NIBO-W300 Wafer Butterfly Valve

Indoor and Outdoor Use

UL Listed & FM Approved



Specifications

Size : 2 1/2" Through 8"
Working Pressure : 300 PSI (21.5 Bars)
Max. Test Pressure : 600 PSI (43.0 Bars)
Working Temperature : 250°F (120°C)
Factory Installed UL Approved Tampered Switch for Indoor and Outdoor Use

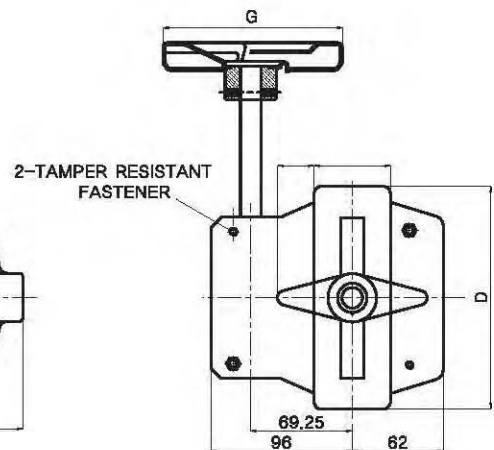
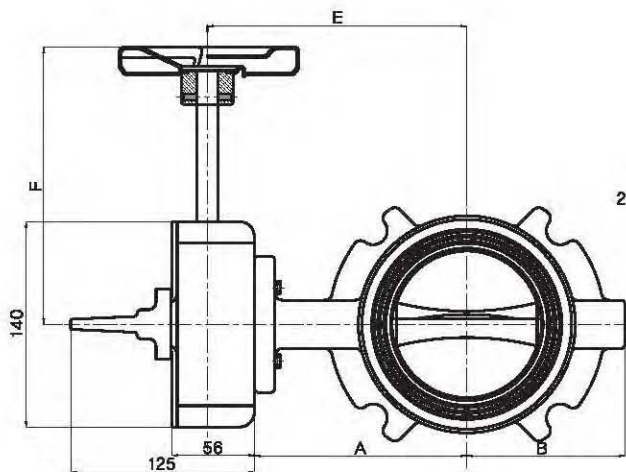
Materials

Body : Ductile Iron, EPDM Encapsulated
Disc : Al-Bronze, Ni-Cr Plated
Stem : Stainless Steel, Hardened & Tempered
Housing : Ductile Iron (ASTM A-536)
Hand Wheel : Ductile Iron (ASTM A-536)

Dimensions

(Unit : mm/inch)

SIZE	A	B	C	D	E	F	G	H
2 1/2"	120(4.72)	85(3.35)	49(1.93)	116(4.57)	150(5.91)	168(6.61)	125(4.92)	9.5(0.37)
3"	127(5.00)	92(3.62)	49(1.93)	132(5.20)	157(6.18)	168(6.61)	125(4.92)	16.0(0.63)
4"	145(5.71)	108(4.25)	55(2.17)	152(5.98)	175(6.89)	168(6.61)	125(4.92)	25.0(0.98)
6"	180(7.09)	145(5.71)	59(2.32)	207(8.15)	210(8.27)	208(8.19)	225(8.86)	45.3(1.78)
8"	204(8.03)	170(6.69)	63(2.48)	262(10.31)	234(9.21)	208(8.19)	225(8.86)	68.5(2.70)



NIBO-G300

Grooved End Butterfly Valve

Indoor and Outdoor Use

UL Listed & FM Approved



Specifications

Size : 2 1/2" Through 8"
Working Pressure : 300 PSI (21.5 Bars)
Max. Test Pressure : 600 PSI (43.0 Bars)
Working Temperature : 250°F (120°C)

Factory Installed UL Approved Tampered Switch for Indoor and Outdoor Use

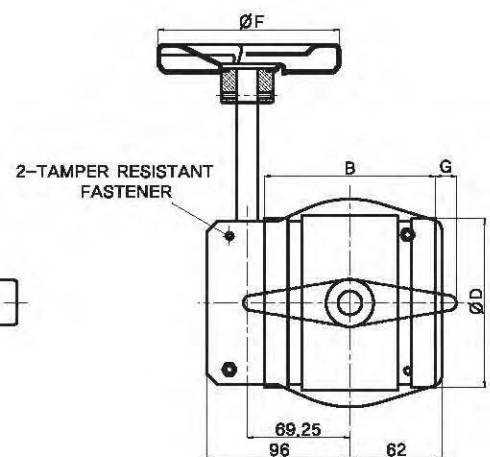
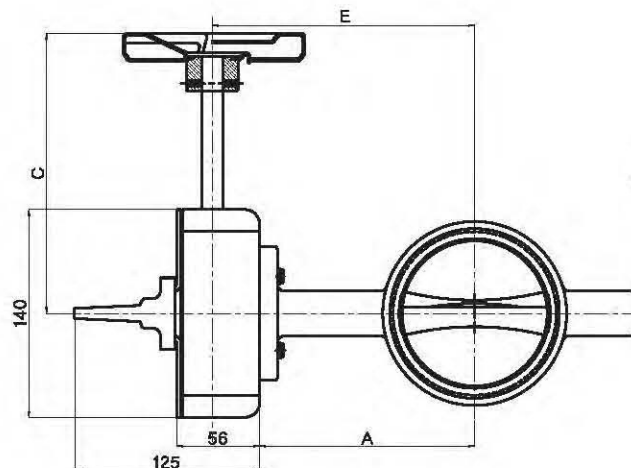
Materials

Body : Ductile Iron, Nylon-11 coated
Disc : Al-Bronze, Ductile Iron, EPDM Encapsulated
Stem : Stainless Steel, Hardened & Tempered
Housing : Ductile Iron (ASTM A-536)
Hand Wheel : Ductile Iron (ASTM A-536)

Dimensions

(Unit : mm/inch)

SIZE	A	B	C	D	E	F	G
2 1/2"	105(4.13)	96.4(3.80)	168(6.61)	73.1(2.88)	137(5.39)	125(4.92)	
3"	112(4.41)	96.4(3.80)	168(6.61)	88.9(3.50)	144(5.67)	125(4.92)	
4"	145(5.71)	115.4(4.54)	168(6.61)	114.3(4.50)	177(6.97)	125(4.92)	
6"	179(7.05)	132.4(5.21)	208(8.19)	168.3(6.63)	211(8.31)	225(8.86)	6.8(0.27)
8"	204(8.03)	147.4(5.80)	208(8.19)	219.1(8.62)	236(9.29)	225(8.86)	24.2(0.95)



NIHPBO-W

Indoor and Outdoor Use

Wafer Butterfly Valve

UL Listed & FM Approved



Specifications

Size : 2 1/2" Through 8"
Working Pressure : 300 psi(21.5 Bars)
Max. Test Pressure : 600 psi(43.0 Bars)
Working Temperature : 250°F (120°C)
Factory Installed UL Approved Tampered Switch for Indoor and Outdoor Use

Materials

Body : Ductile Iron, Nylon-11 Coated with EDPM Gasket
Disc : Ductile Iron, EDPM Encapsulated
Stem : Stainless Steel, Hardened & Tempered
Housing : Ductile Iron(ASTM A-536)
Hand Wheel : Ductile Iron(ASTM A-536)

Dimensions

Unit : mm(in)

Size	A	B	C	D	E	F	G	Wt Kg(Lbs)
2-1/2"	120(4.72)	85(3.35)	48(1.89)	104(4.09)	152(5.98)	168(6.61)	125(4.92)	7.5(16.5)
3"	127(5.0)	92(3.62)	48(1.89)	127(5.0)	159(6.26)	168(6.61)	125(4.92)	8.0(17.6)
4"	145(5.71)	109(4.29)	56(2.20)	142(5.60)	177(6.97)	168(6.61)	125(4.92)	10.0(22.0)
6"	180(7.09)	145(5.71)	61(2.40)	197(7.76)	211(8.30)	208(8.19)	225(8.86)	15.5(34.1)
8"	204(8.03)	170(6.69)	66(2.60)	258(10.16)	236(9.29)	208(8.19)	225(8.86)	20.0(44.0)

