

Check Valves, Swing Threaded Bronze Y-Type, Screwed Bonnet, 150#

ANSI



Fig. 1430-B62

Description

Bronze swing check, y-type, female threaded ends, Screwed Bonnet (SB), metal seated, pressure class 150#.

Technical Features

Design	Generally in accordance with MSS SP-80 Body, bonnet castings from a Marine Class Society Approved Foundry on request
Marking	In accordance with MSS SP-25
Testing	In accordance with MSS SP-80, API 598
Face to Face	Manufacturer's standard, see below dimensions table
Thread Dimensions	NPT female thread in accordance with ASME B1.20.1
Pressure Rating	MSS SP-80-Class 150# *
Temperature Range	-29°C to +232°C **
Options	- In other bronze materials - With BSP female threaded ends (Suffix BSP)

Pressure and Temperature Range [Barg/°C]

DN	Press Class	Material	Pressure / Temperature Rating to MSS SP-80* [Barg / °C]							°C
			-29/+66	+93	+121	+149	+177	+208**	+232	
1/2"-3"	150#	ASTM B62	20.68	18.62	16.55	14.48	12.41	10.34	10.00	Barg

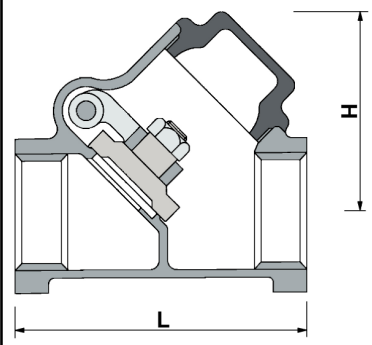
* Above P-T table is extracted from MSS SP-80 material B62, class 150#

** Some codes (i.e. ASME BPVC, Section 1) limit the rating of ASTM B62 bronze to +208°C

Materials

Parts Description	Figure 1430-B62
Body	Cast Bronze ASTM B62
Bonnet	Cast Bronze ASTM B62
Disc	Cast Bronze ASTM B62

Dimensions [mm]



DN	L	H	Weight [Kg]
1/2"	62	43	0.27 Kg
3/4"	75	48	0.44 Kg
1"	90	62	0.72 Kg
1 1/4"	106	68	1.08 Kg
1 1/2"	114	75	1.43 Kg
2"	133	100	2.45 Kg
2 1/2"	203	129	5.21 Kg
3"	235	159	7.95 Kg

Check Valves, Swing Threaded

Bronze

Y-Type, Screwed Bonnet, 300#



Fig. 1431-B61

Description

Bronze swing check, y-type, female threaded ends, Screwed Bonnet (SB), metal seated, pressure class 300#.

Technical Features

Design	Generally in accordance with MSS SP-80 Body, bonnet castings from a Marine Class Society Approved Foundry on request
Marking	In accordance with MSS SP-25
Testing	In accordance with MSS SP-80, API 598
Face to Face	Manufacturer's standard, see below dimensions table
Thread Dimensions	NPT female thread in accordance with ASME B1.20.1
Pressure Rating	MSS SP-80-Class 300# *
Temperature Range	-29°C to +288°C
Options	- In other bronze materials - With BSP female threaded ends (Suffix BSP)

Pressure and Temperature Range [Barg/°C]

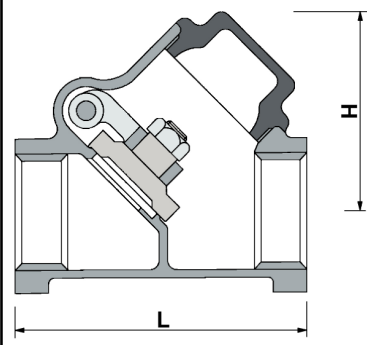
DN	Press Class	Mat.	Pressure / Temperature Rating to MSS SP-80* [Barg / °C]									
			-29/ +66	+93	+121	+149	+177	+204	+232	+260	+288	°C
1/2"-2"	300#	ASTM B61	41.37	38.61	36.20	33.78	31.03	28.27	25.86	23.44	20.68	Barg

* Above P-T table is extracted from MSS SP-80 material B61, class 300#

Materials

Parts Description	Figure 1431-B61
Body	Cast Bronze ASTM B61
Bonnet	Cast Bronze ASTM B61
Disc	Cast Bronze ASTM B61

Dimensions [mm]



DN	L	H	Weight [Kg]
1/2"	67	44	0.31 Kg
3/4"	79	52	0.46 Kg
1"	95	62	0.75 Kg
1 1/4"	111	79	1.35 Kg
1 1/2"	125	95	2.18 Kg
2"	148	114	3.69 Kg



KASKO DEMİRÇELİK MAKİNE VE İNŞAAT SANAYİ TİCARET LİMİTED ŞİRKETİ

**Güzelyurt Mah. Mehmet Akif Ersoy Cad. No: 38 Gökdemir Plaza Kat: 3 Ofis: 24 Zip Code:
34524 Esenyurt / İSTANBUL**

Tel: +90 850 441 25 67

Cell: +90 541 699 01 34

info@kaskomakine.com

kaskomakine.com