

# CHECK VALVES

## Swing Check Valves

### 61Y SERIES



**Solder**



**NPT**

**PERFORMANCE RATING:**

**Saturated Steam:** 125 psi (8.6 Bar) to 353°F (178°C)  
**CWP:** 200 psi (13.8 Bar) at 100°F  
**Temp. Range:** -20°F to 406°F

### CLASS 125

The Apollo Swing Checks provides a cost effective “made in the USA” alternative to globally sourced check valves. These valves are cast, machined, assembled, and tested in South Carolina. The Apollo Swing Check can be installed in both horizontal or vertical line with upward flow. Bronze Disc, Solder.

#### FEATURES

- Renewable Seat Disc
- Metal Seat
- Dezincification Resistant Bronze
- 100% Factory tested
- Solder Connections
- 100% machined and assembled in US
- **Lead Free Option** (model 61YLF)

#### MATERIALS OF CONSTRUCTION

Body	Bronze, ASTM B62
Cap	Bronze, ASTM B62
Hanger	Stainless Steel
Pin	Stainless Steel
Seat*	Bronze, ASTM B62
Plug	Brass

\* PTFE and Viton seat option

#### APPROVALS

- Standard - MSS SP-80
- Lead Free - MSS SP-139
- CRN OC 14667.5

#### Lead Free

Bronze, ASTM B584-C89836
Bronze, ASTM B584-C89836
Stainless Steel
Stainless Steel
Bronze, ASTM B584-C89836

**WARNING:** Do not use in reciprocating compressor service. See page 13 for additional precautions.

#### Dimensional Specifications (Solder)

161S Item Number (Metal)	161S-LF Item Number (Metal)	163S Item Number (Metal)	163S-LF Item Number (Metal)	Size	Height	Length	Wt./100
61Y-093-01	61YLF-093-01	61Y-103-T1	61YLF-103-T1	1/2"	1.65	2.53	.62
61Y-094-01	61YLF-094-01	61Y-104-T1	61YLF-104-T1	3/4"	1.9	3.36	.91
61Y-095-01	61YLF-095-01	61Y-105-T1	61YLF-105-T1	1"	2.26	4.07	1.7
61Y-096-01	61YLF-096-01	61Y-106-T1	61YLF-106-T1	1-1/4"	2.99	5.28	3.2
61Y-097-01	61YLF-097-01	61Y-107-T1	61YLF-107-T1	1-1/2"	2.99	5.28	2.7
61Y-098-01	61YLF-098-01	61Y-108-T1	61YLF-108-T1	2"	3.74	6.50	4.9
61Y-099-01	-	61Y-109-T1	-	2-1/2"	5.11	8.30	9.7
61Y-090-01	-	61Y-100-T1	-	3"	6.05	9.58	15.0

Height is measured from centerline to top of access cap.

#### Dimensional Specifications (NPT)

161T Item Number (Metal)	161T-LF Item Number (Metal)	162T Item Number (Viton)	163T Item Number (PTFE)	163T-LF Item Number (PTFE)	Size	Height	Length	Wt./100
61Y-191-01	61YLF-191-01	61Y-201-V1	61Y-201-T1	-	1/4"	1.51	2.14	.64
61Y-192-01	61YLF-192-01	61Y-202-V1	61Y-202-T1	-	3/8"	1.51	2.14	.62
61Y-193-01	61YLF-193-01	61Y-203-V1	61Y-203-T1	61YLF-203-T1	1/2"	1.65	2.48	.73
61Y-194-01	61YLF-194-01	61Y-204-V1	61Y-204-T1	61YLF-204-T1	3/4"	1.9	2.94	1.06
61Y-195-01	61YLF-195-01	61Y-205-V1	61Y-205-T1	61YLF-205-T1	1"	2.26	3.57	1.7
61Y-196-01	61YLF-196-01	61Y-206-V1	61Y-206-T1	61YLF-206-T1	1-1/4"	2.99	4.50	3.3
61Y-197-01	61YLF-197-01	61Y-207-V1	61Y-207-T1	61YLF-207-T1	1-1/2"	2.99	4.50	3.1
61Y-198-01	61YLF-198-01	61Y-208-V1	61Y-208-T1	61YLF-208-T1	2"	3.74	5.25	5.5
61Y-199-01	-	-	-	-	2-1/2"	5.11	8.00	11.7
61Y-190-01	-	-	-	-	3"	6.05	9.24	17.8

Height is measured from centerline to top of access cap.

www.apollovalves.com

Customer Service (704) 841-6000

