



A COMPANY OF MUELLER INDUSTRIES

**W**estermeyer  
Industries Inc.

# HANTEMP PRODUCT LINE

*INDUSTRIAL-GRADE COMPONENTS FOR THE  
REFRIGERATION AND AIR CONDITIONING INDUSTRY*



(217) 754-3277

WESTERMEYERIND.COM

CUSTOMER DRIVEN | RESULTS ORIENTED

HANTEMP BY WESTERMEYER

# STAINLESS STEEL BALL VALVES

*MAXIMUM WORKING PRESSURE : 800 PSIG*

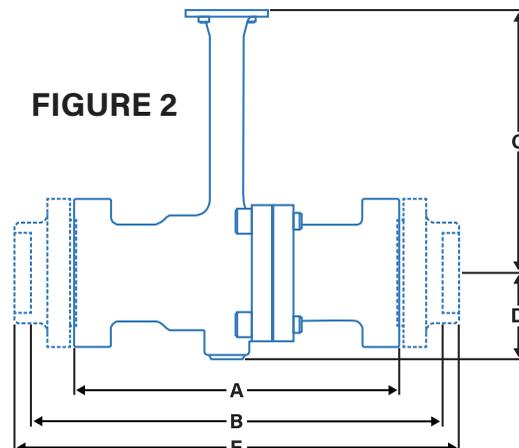
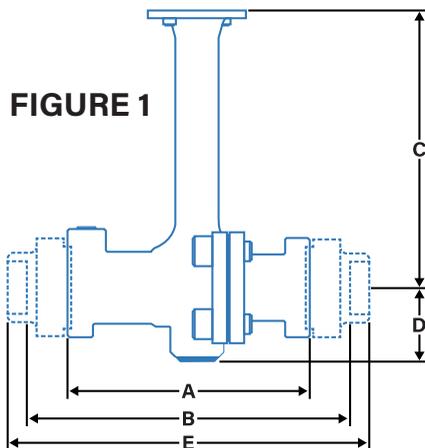


## FEATURES

The stainless steel ball valves are available in manual (SSBV) and motorized (MCBV). These ball valves have become increasingly popular for industrial refrigeration due to their smooth operation and minimal pressure drop.

This patented ball valve design features stainless steel construction, very low pressure drop, gradual opening/closing, and an extended valve neck for simple insulation. These designs allow you to choose a standard motorized F05 actuator mount for the MCBV.

- -70°F to +240°F (-57°C to +115°C)
- Available for flanged or weld inline
- Lock-out/tag-out option
- Compatible with all common refrigerants (NH<sub>3</sub>, CO<sub>2</sub>, halocarbon, hydrocarbons)



## BALL VALVES

Figure	Valve Size	Dimensions					Weight
		A	B	C	D	E	
Figure 1	¾" - 1 ¼"	6.19"	8.31"	7.00"	1.85"	9.31"	7.8 lbs.
Figure 2	1 ½" - 2 ½"	9.88"	12.50"	8.00"	2.63"	13.50"	19.2 lbs.

### ORDERING

Westermeyer Industries custom manufactures every ball valve and actuator to your specification. To order, state the valve type, series, ball type and connection type. For actuators, pick between the base specifications, then select your add on options.

**MCBV - 075 - OP - FL**

**Type** ← MC  
SS

**Series** ← 075  
100  
125  
150  
200  
250

**Ball Profile** ← OP (Open-port)  
VP (V-Port)  
TD (Tear-drop)  
SL (Slotted-port)

**Connection Type** ← FL (Companion kit)  
SW (Socket weld)  
BW (Butt weld)

**Ordering Examples:**

**MCBV-125-VP-BW** = Motor controlled ball valve, 1 ¼" connection size, V-port, Butt weld connection

**HT-B-01-SC** = High torque actuator, N/C battery backup, Proportion control (0-10, DIV 2), Speed Control



**Open-port (OP)**



**Tear-drop (TD)**



**V-port (VP)**



**Slotted-port (SL)**

**Options**

**SA - A - 42 - E - SC - R**

**Base Actuator Model** ← SA (Standard actuator)  
HT (High torque actuator)  
PA (Pneumatic actuator)

**Ordering options** ← A (Battery backup N/O)  
B (Battery backup N/C)

**Ordering options** ← 42 Proportion control (4-20 mA)  
01 Proportion control (0-10, DIV 2)

→ Electric spring with retention

→ Speed control

→ Explosion Proof (class 1, div. 2)

HANTEMP BY WESTERMEYER

# SCV WELD IN-LINE CHECK VALVES

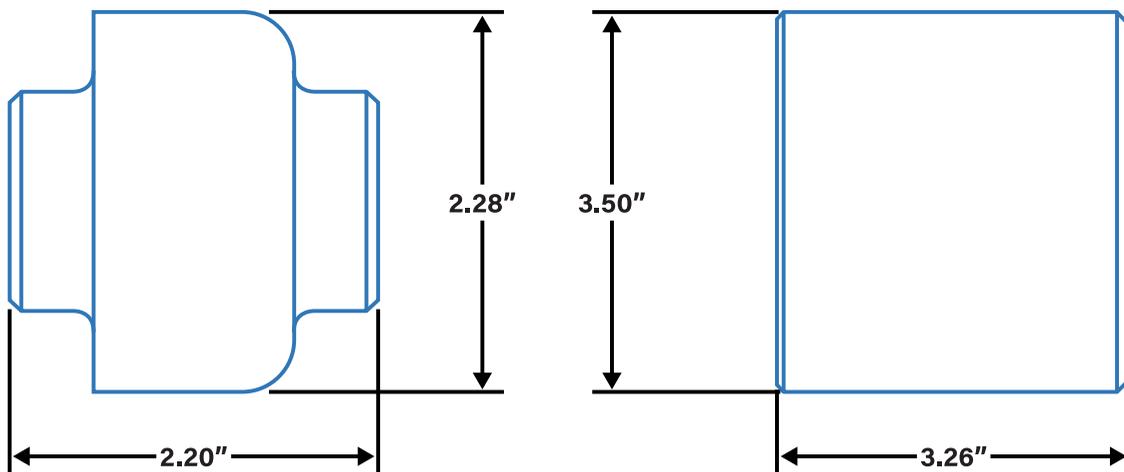
*MAXIMUM WORKING PRESSURE : 2000 PSIG*



## FEATURES

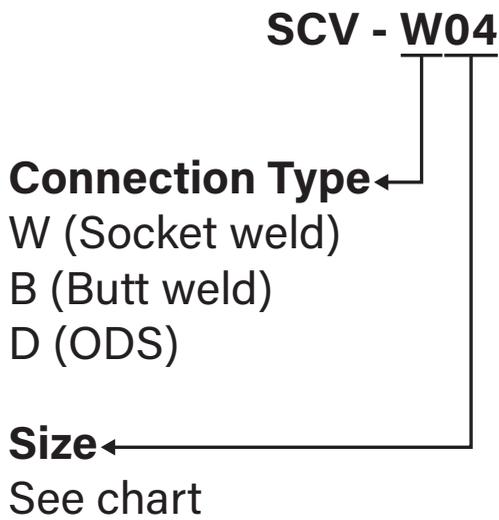
The SCV is a refrigeration check valve for weld inline installation. Constructed of stainless steel, it is designed to prevent the reverse flow of refrigeration liquid or gas.

- For NH<sub>3</sub>, CO<sub>2</sub>, and nearly all industrial refrigerants
- 304L stainless steel construction requires no gaskets
- Can be welded directly in-line
- Available for socket, butt-weld, or ODS



## ORDERING

Westermeyer Industries provide various options for our check valves. To order, state the connection type and see the charts below.



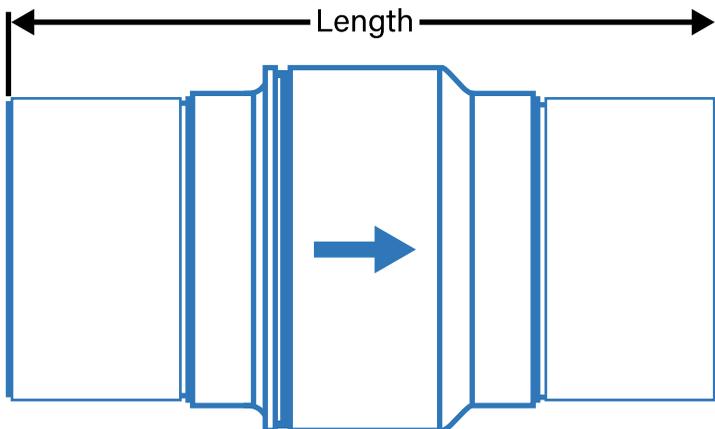
Connection Size	Nom.	Connection Type	
		W	B
1/2"	04	✓	
3/4"	06	✓	
1"	10	✓	✓
1 1/4"	12	✓	✓
1 1/2"	14	✓	✓
2"	20	✓	✓

**Ordering Examples:**

**SCV-W04** = check valve with 1/2" socket weld connection

## ODS MODELS

ODS models have extra length, to find the size you need, use the chart below.



Part Number	Length
SCV-D11	4.092"
SCV-D13	4.125"
SCV-D15	4.467"
SCV-D21	6.143"
SCV-D25	6.843"

HANTEMP BY WESTERMEYER

# CK4T CARTRIDGE CHECK VALVE

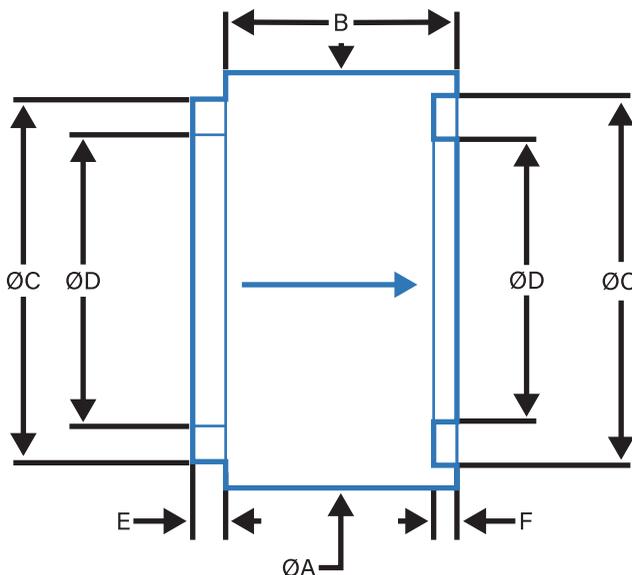
*MAXIMUM WORKING PRESSURE : 800 PSIG*



## FEATURES

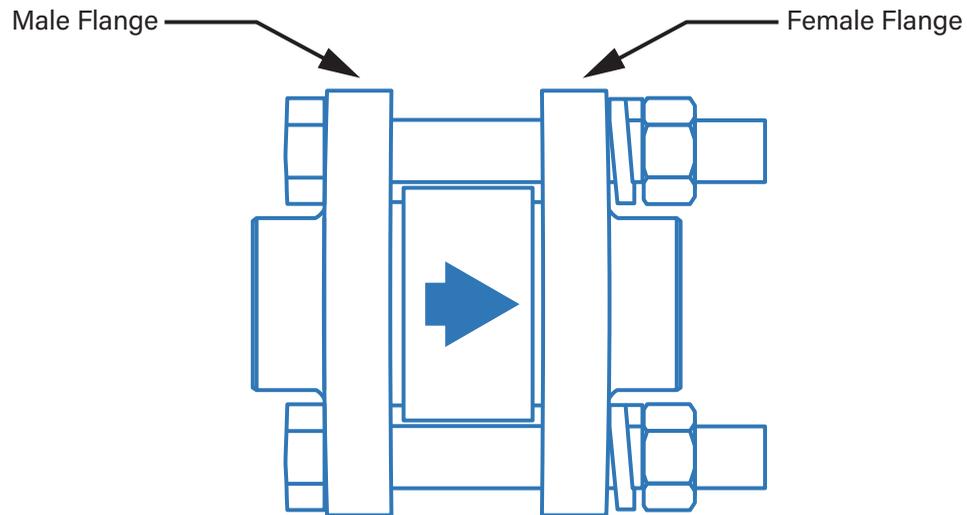
The CK-4t is an in-line refrigeration check valve. Constructed of stainless steel, it is designed to prevent the reverse flow of refrigeration liquid or gas.

- Close couples to flanged control valves without need for male adapter ring
- Available for 3/4" to 2 1/2" pipe sizes
- For ammonia, CO<sub>2</sub>, heat transfer fluids, and other approved refrigerants
- Hardware is included with kit order
- Valve may be oriented in any position. Arrow on check body should match direction of flow



## CK4T CARTRIDGE CHECK VALVES

Part Number	A	B	C	D	E	F
CK4T-100	2.38"	1.31"	2.13"	1.63"	.19"	.13"
CK4T-200	3.62"	2.56"	3.28"	2.47"	.19"	.13"



**CK4t-100-W06**

**Series**  
 100  
 200

**Connection Type**  
 W (Socket weld)  
 B (Butt weld)  
 D (ODS)  
 N (FNPT)

**Connection Size**  
 See chart

Series	Connection Size	Nom.	Connection Type			
			W	B	D	N
100	¾"	06	✓	✓		✓
	⅞"	07			✓	
	1"	10	✓	✓		✓
	1 ⅛"	11			✓	
	1 ¼"	12	✓	✓		✓
	1 ⅜"	13			✓	
200	1 ½"	14	✓	✓		✓
	1 ⅝"	15			✓	
	2"	20	✓	✓		✓
	2 ⅛"	21			✓	
	2 ½"	24	✓	✓		✓

HANTEMP BY WESTERMEYER

# GAUGE AND TRANSDUCER VALVES

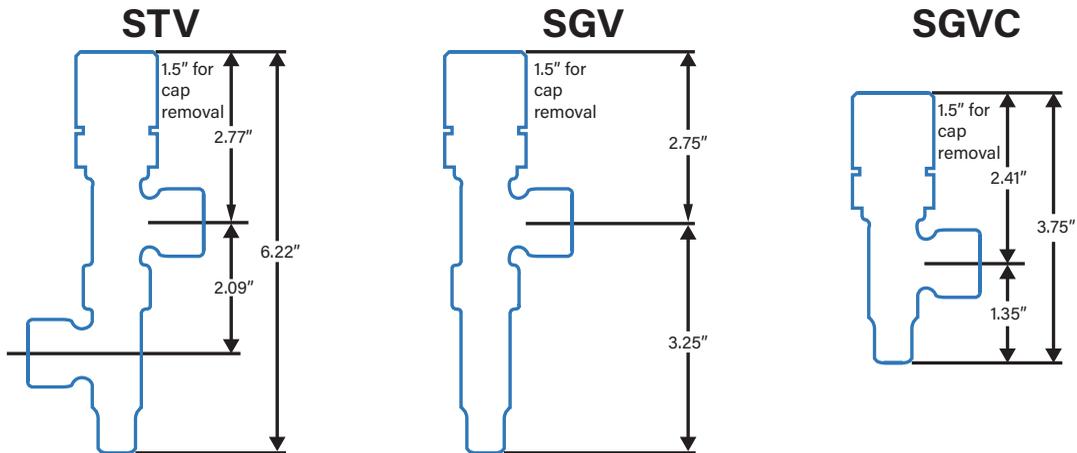
*MAXIMUM WORKING PRESSURE : 800 PSIG*



## FEATURES

The SGV Stainless Steel Gauge Valve provides strength, durability, and corrosion resistance. Unlike most existing gauge valves, the SGV blow-out proof stem design is also back seating for servicing. The SGV is designed for simple maintenance on the valve body and a seal cap that is easily removed.

- For ammonia, CO2, and secondary refrigerants.
- Avoids vulnerability to corrosion and low temperature embrittlement
- Included seal cap lanyard
- Available as standard extended neck body (SGV) or compact body (SGVC)



## SGV GAUGE VALVES

Part Number	Description	Port Size	Connection Type
<b>Stainless Steel Gauge &amp; Transducer Valves</b>			
STV	Stainless Steel Transducer Valves w/ Lanyard	1/4"	NPT
SGV	Stainless Steel Guage Valve w/ Lanyard	1/4"	NPT
SGVC	Compact stainless steel Gauge Valve w/ Lanyard	1/4"	NPT
<b>Stainless Steel Ammonia Gauges</b>			
SSG-150	2 1/2" Silicone-filled Ammonia gauge 330" HG to 150 psi/corr F	1/4"	NPT
SSG-300	2 1/2" Silicone-filled Ammonia gauge 330" HG to 150 psi/corr F	1/4"	NPT



HANTEMP BY WESTERMEYER

# REFRIGERANT FLOAT SWITCH

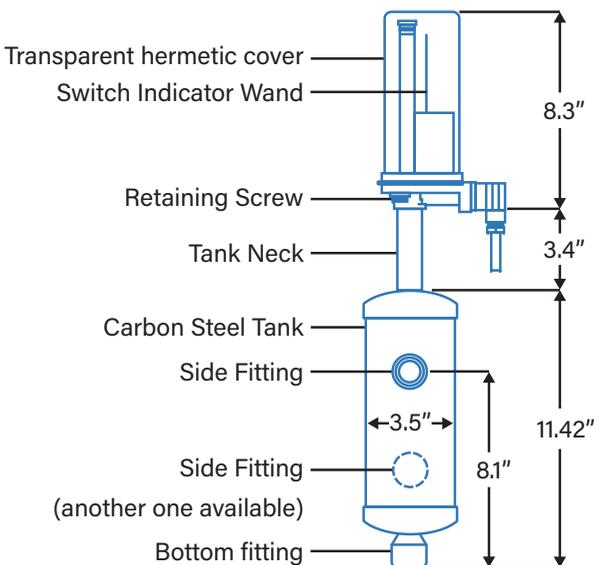
*MAXIMUM WORKING PRESSURE : 800 PSIG*



## FEATURES

The SSLL refrigerant float switch is primarily for high level cut-out, operating level, or low-level cut-out. This stainless steel float switch is also for the control of flow and liquid level of refrigerants and other liquids in industrial refrigeration systems.

- FTP or Buttweld available
- 3/4" port size
- Visible neon yellow indicator wand clearly shows switch position
- Operating fluid temperature: -60°F to +150°F
- Ambient temperature: -50°F to +120°F
- DIN connection and 1/2" conduit
- Tested for over 1,000,000 cycles



**REFRIGERANT FLOAT SWITCH**

<b>Part Number</b>	<b>Description</b>	<b>Port Size</b>	<b>Connection Type</b>
SSLL	Float switch assembly	3/4"	FPT/Butt weld
SSLLS	Two side-connection	3/4"	FPT/Butt weld
SSLL-LE	Level eye (sight-glass)	3/4"	FPT/Butt weld
LT	Tank assembly only	3/4"	FPT/Butt weld
LTS	Two side-connection tank assembly only	3/4"	FPT/Butt weld
LS	Switch assembly replacement	N/A	N/A
HTR	10W 24V switch heater	N/A	N/A
LS-COV	Aluminum switch Cover	N/A	N/A

HANTEMP BY WESTERMEYER

# FLANGES & UNIONS

*MAXIMUM WORKING PRESSURE : 800 PSIG*



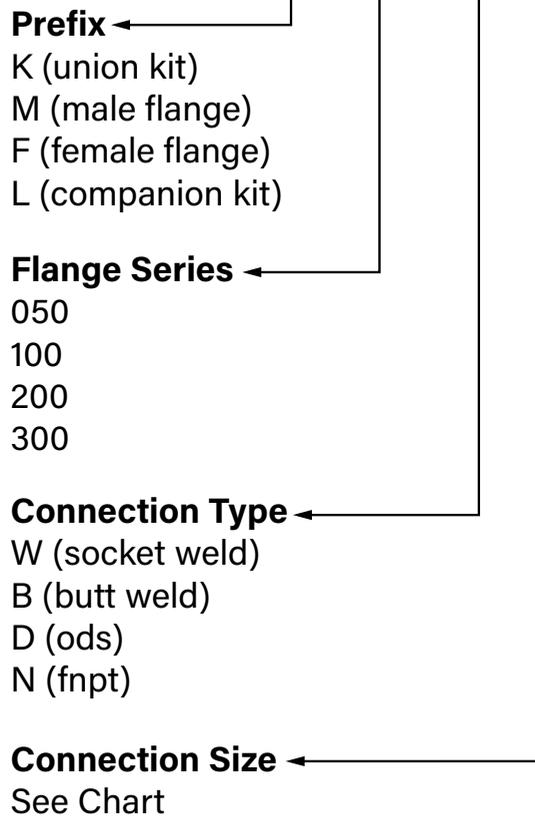
## FEATURES

Our stainless steel flanges, flange kits, and flange unions are made to withstand low temperatures and corrosion. These flanges are a safe, low maintenance option for industrial refrigeration.

- Available from 1/2" - 3" pipe sizes
- Butt weld, socket weld, ODS, or NPT threaded connections
- Companion flange kits includes: pair of male tongue flanges, gasket, stainless steel mounting hardware
- Flange union kits include: 1 male tongue and 1 female groove flange, stainless steel mounting hardware

**FLANGE ORDERING DETAILS**

**SK-100-W10\***



**Ordering Examples:**

**SK-100-W04** = One male flange, one female flange, 100 series, 1/2" socket weld connection

**SL-300-D31** = Two male flanges, 300 series, 3 1/8" threaded ODS connections

\*For kits with dissimilar flanges, specify when ordering (e.g. SK-100-W10-B14)

All models are built to schedule 40. Contact sales if a different pipe schedule is required

For connection sizes see chart on page XX

## HANTEMP BY WESTERMEYER

# NAME / SIZE CHARTS

Hantemp Nom.	WII Nom.	Meaning
SS	S	Stainless steel
UK	K	Union kit (One male and one female flange, hardware included)
MF	M	Male flange
FF	F	Female flange
FL	L	Companion flange kit (Contains two male flanges)
SW	W	Socket weld
BW	B	Butt weld
ODS	D	Copper sweat connection
FNPT	N	Female threaded connection

### FLANGE CONNECTION CHART

Series	Connection Size	Nom.	Connection Type			
			W	B	D	N
050	1/4"	02				✓
	3/8"	03				✓
	1/2"	04	✓	✓		✓
	5/8"	05			✓	
100	3/4"	06	✓	✓		✓
	7/8"	07			✓	
	1"	10	✓	✓		✓
	1 1/8"	11			✓	
	1 1/4"	12	✓	✓		✓
	1 3/8"	13			✓	
200	1 1/2"	14	✓	✓		✓
	1 5/8"	15			✓	
	2"	20	✓	✓		✓
	2 1/8"	21			✓	
300	2 1/2"	24	✓	✓		✓
	2 5/8"	25			✓	
	3"	30	✓	✓		✓
	3 1/8"	31			✓	

## *CONTACT US*

**Westermeyer Industries Inc**

1441 State Route 100  
Bluffs, IL 62621

**[sales@westermeyerind.com](mailto:sales@westermeyerind.com)**

**Phone:** (217) 754-3277

**Fax:** (217) 754-3288

## *OUR MISSION*

To serve our customers by partnering with them to provide high-quality engineered products and services.

## *OUR VISION*

Through relationship building and adherence to high standards of integrity and business ethics, create an environment known for our respect and commitment to our customers, employees, and suppliers.

**W**estermeyer  
Industries Inc.

**WESTERMEYERIND.COM**

**A COMPANY OF MUELLER INDUSTRIES** 