

The ISOLATOR[®]
UNI-FLANGE BALL VALVE

Webstone

VALVE INNOVATION

THE **ONLY WAY** TO ISOLATE
CIRCULATOR PUMPS



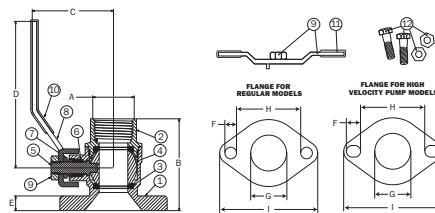
The ISOLATOR®

UNI-FLANGE BALL VALVE®

These valves have revolutionized the installation of circulator pumps. Our original Isolator® Uni-Flange Ball Valve design has evolved into the largest flanged ball valve program in the industry today.

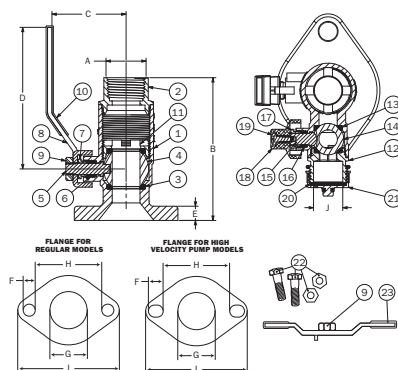
- Heavy duty forged brass construction
- Unique uni-body design
- Blowout proof stem
- Adjustable packing gland
- Conical inlet to minimize turbulence
- Slotted holes for high velocity pumps
- Fits virtually every circulator pump
- Guaranteed for life

THE ISOLATOR® UNI-FLANGE BALL VALVE



NO.	DESCRIPTION	MATERIAL
1	FLANGED BODY	BRASS
2	END CAP	BRASS
3	SEATS	PTFE
4	BALL	BRASS HCP
5	STEM	BRASS
6	STEM SEAL	PTFE
7	PACKING GLAND	BRASS
8	LEVER HANDLE	STEEL CP
9	HANDLE NUT	STAINLESS STEEL
10	HANDLE JACKET	VINYL
11	WING STYLE "T" HANDLE	STEEL CP W/ VINYL GRIPS
12	FLANGE BOLTS & NUTS	STEEL ZP

THE ISOLATOR® W/ DRAIN



NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	END CAP	BRASS
3	SEATS	PTFE
4	BALL	BRASS HCP
5	STEM	BRASS
6	STEM SEAL	PTFE
7	PACKING GLAND	BRASS
8	LEVER HANDLE	STEEL CP
9	HANDLE NUT	STAINLESS STEEL
10	HANDLE JACKET	VINYL
11	SEAT RETAINER	BRASS
12	DRAIN END CAP	BRASS
13	DRAIN SEATS	PTFE
14	DRAIN BALL	BRASS HCP
15	DRAIN STEM	BRASS
16	DRAIN STEM SEAL	PTFE
17	DRAIN PACKING GLAND	BRASS
18	DRAIN HANDLE	ENAMEL COATED ALUMINUM
19	DRAIN HANDLE SCREW	BRASS
20	WASHER	EPDM
21	CAP AND STRAP	BRASS W/ EPDM STRAP
22	FLANGE BOLTS & NUTS	STEEL ZP
23	WING STYLE "T" HANDLE	STEEL CP

THE ISOLATOR® UNI-FLANGE BALL VALVE

Full Port Forged Brass Uni-Flange Ball Valves
w/ Adjustable Packing Gland, Bonus Wing Style "T" Handle, Nuts & Bolts

ISO 9001
600 WOG

	SIZE	STANDARD BRASS ITEM #	CTN/CASE	A	B	C	D	E	F	FHV	G	GHV	H	I
IPS	1/2"	40402	2/20	1/2	2 1/4	1 7/8	3 7/8	3/8	1/2	-	3/4	-	2 11/16	4 1/8
	3/4"	40403	2/20	3/4	2 3/8	2 1/16	3 7/8	3/8	1/2	-	1	-	2 11/16	4 1/8
	1"	40404	2/20	1	2 11/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	40405	2/20	1 1/4	2 7/8	2 3/8	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	40406	2/20	1 1/2	4	3 3/8	5 9/16	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8
	2"	40407HV	2/10	2	4 7/16	3 3/4	5 9/16	3/8	-	5/8	-	1 15/16	2 11/16	4 1/8
SWT	1/2"	50402	2/20	1/2	2 1/8	1 7/8	3 7/8	3/8	1/2	-	3/4	-	2 11/16	4 1/8
	3/4"	50403	2/20	3/4	2 9/16	2 1/16	3 7/8	3/8	1/2	-	1	-	2 11/16	4 1/8
	1"	50404	2/20	1	2 15/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	50405	2/20	1 1/4	3 1/8	2 13/16	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	50406	2/20	1 1/2	4 3/8	3 3/8	5 9/16	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8
	2"	50407HV	2/10	2	5 1/16	3 3/4	5 9/16	3/8	-	5/8	-	1 15/16	2 11/16	4 1/8

1" - 1 1/2" sizes also available for High Velocity pumps - to order, add HV onto the end of the part #. 2" Available in High Velocity only.
HV models fit both Standard & High Velocity pumps.

THE ISOLATOR® W/ DRAIN

Full Port Forged Brass Uni-Flange Ball Valves w/ Hi-Flow Hose Drain
w/ Adjustable Packing Gland, Bonus Wing Style "T" Handle, Nuts & Bolts

ISO 9001
600 WOG

	SIZE	STANDARD BRASS ITEM #	CTN/CASE	A	B	C	D	E	F	FHV	G	GHV	H	I	J
IPS	3/4"	40413	2/20	3/4	3 9/16	2 1/4	4	3/8	1/2	-	1	-	2 11/16	4 1/8	1/2
	1"	40414	2/20	1	3 5/8	2 3/8	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8	1/2
	1 1/4"	40415	2/20	1 1/4	4 1/16	2 7/8	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8	3/4
	1 1/2"	40416	2/10	1 1/2	5 1/8	3 1/4	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8	3/4
	2"	40417HV	1/10	2	6 1/8	3 1/4	5 1/2	3/8	-	5/8	-	1 15/16	2 11/16	4 1/8	3/4
	3/4"	50413	2/20	3/4	3 3/4	2 1/4	4	3/8	1/2	-	1	-	2 11/16	4 1/8	1/2
SWT	1"	50414	2/20	1	3 15/16	2 5/8	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8	1/2
	1 1/4"	50415	2/20	1 1/4	4 1/4	3	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8	3/4
	1 1/2"	50416	2/10	1 1/2	5 1/2	3 1/4	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8	3/4
	2"	50417HV	1/10	2	5 1/2	3 1/4	5 1/2	3/8	-	5/8	-	1 15/16	2 11/16	4 1/8	3/4

1" - 1 1/2" sizes also available for High Velocity pumps - to order, add HV onto the end of the part #. 2" Available in High Velocity only.
HV models fit both Standard & High Velocity pumps.



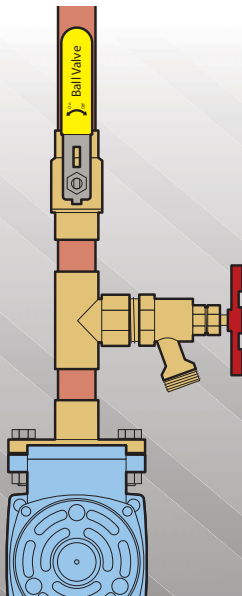
EVERYTHING BUT THE PUMP!

- 1 ISOLATOR
- 1 ISOLATOR W/ DRAIN
- 2 FULL-FACED FLANGE GASKETS
- 2 SETS OF NUTS & BOLTS
- 2 BONUS WING STYLE "T" HANDLES

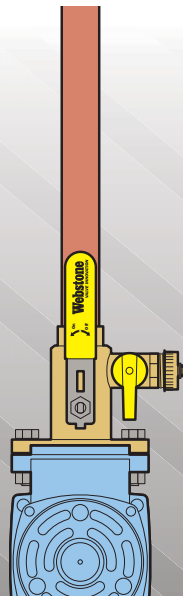
THE ISOLATOR® CIRCULATOR PUMP INSTALLATION KIT

	SIZE	STANDARD BRASS ITEM #	CTN/CASE
IPS	3/4"	40413KIT	1/10
	1"	40414KIT	1/10
	1 1/4"	40415KIT	1/10
SWT	3/4"	50413KIT	1/10
	1"	50414KIT	1/10
	1 1/4"	50415KIT	1/10

THE OLD WAY



THE WEBSTONE WAY



- Replaces 6 individual components
- Eliminates 5 leak paths
- Saves nearly 45 minutes of labor
- Prevents electrolysis
- Eliminates galvanic corrosion
- Allows virtually no air into system upon pump replacement

ROTATING FLANGE

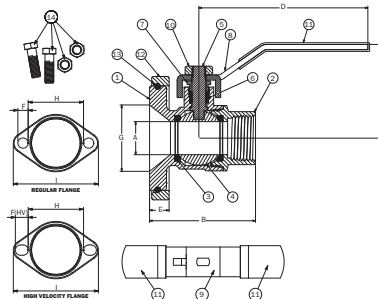
The features and benefits you trust in our original Isolator® line with two versatile enhancements. First, 360° flange rotation that allows for rotation to any degree necessary for your installation. Second, a multi-function drain that makes the Isolator **the only valve that drains from both sides of the pump!**

- Unique uni-body design is preserved
- Solid forged brass outer flange
- Fully removable outer flange secured by snap ring
- Multi-function drain
- 3-Way valve purges before or after the pump
- Guaranteed for life



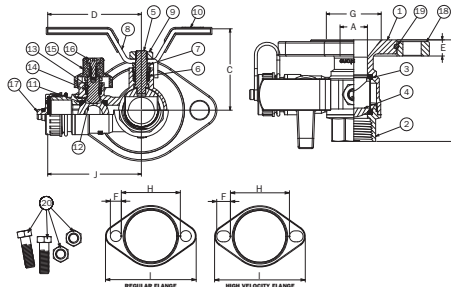
PATENTS PENDING

THE ISOLATOR® W/ ROTATING FLANGE



NO.	DESCRIPTION	MATERIAL
1	FLANGED BODY	BRASS
2	END CAP	BRASS
3	SEATS	PTFE
4	BALL	BRASS HCP
5	STEM	BRASS
6	STEM SEAL	PTFE
7	PACKING GLAND	BRASS
8	LEVER HANDLE	STEEL CP
9	WING STYLE "T" HANDLE	STEEL CP
10	HANDLE NUT	STAINLESS STEEL
11	HANDLE JACKET	VINYL
12	ROTATING FLANGE	BRASS
13	ROTATING FLANGE RING	STAINLESS STEEL
14	FLANGE BOLTS & NUTS	STEEL ZP

THE ISOLATOR® W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN



NO.	DESCRIPTION	MATERIAL
1	FLANGED BODY	BRASS
2	END CAP	BRASS
3	SEATS	PTFE
4	BALL	BRASS HCP
5	STEM	BRASS
6	STEM SEAL	PTFE
7	PACKING GLAND	BRASS
8	HANDLE	STEEL CP
9	HANDLE NUT	STAINLESS STEEL
10	HANDLE JACKET	VINYL
11	DRAIN VALVE SEATS	PTFE
12	DRAIN VALVE BALL	BRASS HCP
13	DRAIN VALVE STEM	BRASS
14	DRAIN VALVE STEM SEAL	PTFE
15	DRAIN VALVE HANDLE	ENAMEL COATED ALUMINUM
16	DRAIN VALVE HANDLE SCREW	BRASS
17	DRAIN VALVE CAP, WASHER & STRAP	BRASS W/EPDM WASHER & STRAP
18	ROTATING FLANGE	BRASS
19	ROTATING FLANGE RING	STAINLESS STEEL
20	FLANGE BOLTS & NUTS	STEEL ZP

**NOW AVAILABLE
WITH PRESS
CONNECTIONS**
SEE BACK COVER
FOR DETAILS



THE ISOLATOR® W/ ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valves w/ Detachable Rotating Flange, Adjustable Packing Gland, Bonus Wing Style "T" Handle, Nuts & Bolts

ISO 9001
600 WOG

STANDARD BRASS

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & NSF/ANSI 372

	SIZE	ITEM #	CTN/CS	ITEM #	CTN/CS	A	B	C	D (LEVER)	D (WING)	E	F	FHV	G	GHV	H	I
IPS	3/4"	41403	2/20	41403W	2/20	3/4	2 3/8	2 13/16	3 7/8	3 7/8	7/16	1/2	-	1 1/2	-	2 11/16	4 1/8
	1"	41404	2/20	41404W	2/20	1	3 1/16	2 5/8	4 11/16	4 3/4	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8
	1 1/4"	41405	2/20	41405W	2/20	1 1/4	3 1/4	2 15/16	4 11/16	5 1/16	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8
	1 1/2"	41406	2/20	41406W	2/10	1 1/2	4	3 1/2	5 5/8	5 1/2	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8
SWT	3/4"	51403	2/20	51403W	2/20	3/4	2 9/16	2 3/16	3 7/8	3 7/8	7/16	1/2	-	1 1/2	-	2 11/16	4 1/8
	1"	51404	2/20	51404W	2/20	1	3 5/16	2 5/8	4 11/16	4 3/4	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8
	1 1/4"	51405	2/20	51405W	2/20	1 1/4	3 7/16	2 15/16	4 11/16	5 1/16	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8
	1 1/2"	51406	2/20	51406W	2/10	1 1/2	4 6/16	3 8/16	5 5/8	5 1/2	7/16	1/2	5/8	1 1/2	1 1/2	2 11/16	4 1/8

Also available for High Velocity pumps - to order, add HV onto the end of the part #. HV models fit both Standard & High Velocity pumps.

AVAILABLE W/
LEAD-FREE
CLEAN BRASS
THE CLEAR CHOICE
FOR THE PROFESSIONAL



THE ISOLATOR® W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN

Full Port Forged Brass Uni-Flange Ball Valves w/ Detachable Rotating Flange, Multi-Function Hi-Flow Hose Drain, Adjustable Packing Gland, Nuts & Bolts

ISO 9001
600 WOG

STANDARD BRASS

LEAD-FREE BRASS
Certified to NSF/ANSI 61 & NSF/ANSI 372

	SIZE	ITEM #	CTN/CS	ITEM #	CTN/CS	A	B	C	D	E	F	FHV	G	GHV	H	I	J
IPS	3/4"	41413	2/20	41413W	2/20	3/4	2 3/8	2 3/8	2 1/2	3/8	1/2	-	1	-	2 11/16	4 3/16	2 3/4
	1"	41414	2/20	41414W	2/20	1	2 15/16	2 5/8	2 1/2	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 3/16	2 3/4
	1 1/4"	41415	2/20	41415W	2/10	1 1/4	3 5/16	3 3/16	3 3/16	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 3/16	3 1/4
	1 1/2"	41416	2/10	41416W	2/10	1 1/2	4	3 3/8	3 13/16	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 3/16	3 1/2
SWT	3/4"	51413	2/20	51413W	2/20	3/4	3	2 7/16	2 1/2	3/8	1/2	-	1	-	2 11/16	4 3/16	2 3/4
	1"	51414	2/20	51414W	2/20	1	3 1/4	2 5/8	2 1/2	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 3/16	2 3/4
	1 1/4"	51415	2/20	51415W	2/10	1 1/4	3 1/2	3 1/6	3 3/16	3/8	1/2	5/8	1 9/16	1 1/4	2 11/16	4 3/16	3 1/4
	1 1/2"	51416	2/10	51416W	2/10	1 1/2	4 3/8	3 3/8	3 13/16	3/8	1/2	5/8	1 15/16	1 1/4	2 11/16	4 3/16	3 1/2

Also available for High Velocity pumps - to order, add HV onto the end of the part #. HV models fit both Standard & High Velocity pumps.

AVAILABLE W/
LEAD-FREE
CLEAN BRASS
THE CLEAR CHOICE
FOR THE PROFESSIONAL



AVAILABLE W/
LEAD-FREE
CLEAN BRASS
THE CLEAR CHOICE
FOR THE PROFESSIONAL



EVERYTHING BUT THE PUMP!

- 1 ISOLATOR W/ ROTATING FLANGE
- 1 ISOLATOR W/ ROTATING FLANGE & DRAIN
- 2 FULL-FACED FLANGE GASKETS
- 2 SETS OF NUTS & BOLTS
- & BONUS WING STYLE "T" HANDLE

THE ISOLATOR® CIRCULATOR PUMP INSTALLATION KIT

STANDARD BRASS

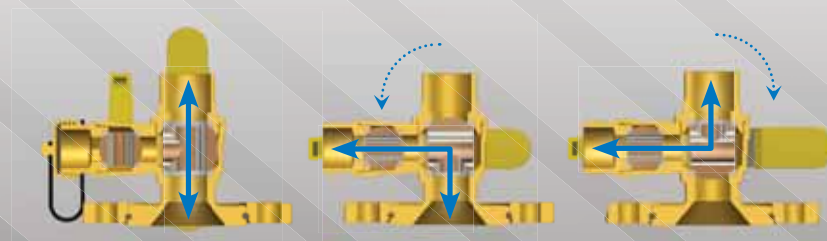
LEAD-FREE BRASS

Certified to NSF/ANSI 61 & NSF/ANSI 372

	SIZE	ITEM #	CTN/CS	ITEM #	CTN/CS
IPS	3/4"	41413KIT	1/10	41413WKIT	1/10
	1"	41414KIT	1/10	41414WKIT	1/10
	1 1/4"	41415KIT	1/10	41415WKIT	1/10
SWT	3/4"	51413KIT	1/10	51413WKIT	1/10
	1"	51414KIT	1/10	51414WKIT	1/10
	1 1/4"	51415KIT	1/10	51415WKIT	1/10

WEBSTONE ADVANTAGES

- 360° Rotation offers greater flexibility
- Snap ring provides greater control over installation
- Inner & outer flanges are designed to help prevent problems from over-torquing
- Twice the purging capabilities in a single component



MULTI-FUNCTION DRAIN - Purges Before or After Pump

SNUG-FIT ROTATING FLANGE



SECTION REMOVED TO SHOW INTERNAL CONSTRUCTION

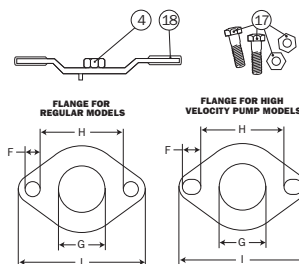
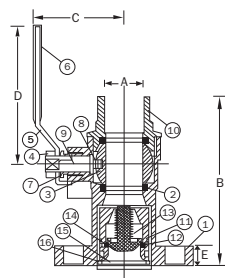
CHECK VALVE

The features and benefits you trust in our original Isolator® line PLUS a replaceable integral spring loaded check valve. These valves are available in a variety of configurations and features one of the largest flow rates available anywhere.

- **Unique uni-body design**
- **Heavy duty all brass construction**
- **Generously sized integral check check reduces impact on pump**
- **Easy removal of check feature simplifies maintenance**
- **Replacement check components available**
- **Guaranteed for life**

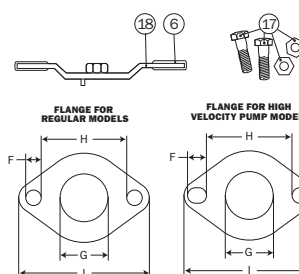
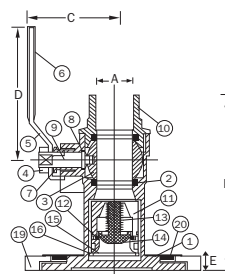


THE ISOLATOR® W/ CHECK VALVE



NO.	DESCRIPTION	MATERIAL
1	FLANGED BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	BRASS
5	LEVER HANDLE	STEEL CP
6	HANDLE JACKET	VINYL
7	PACKING GLAND	BRASS
8	STEM SEAL	PTFE
9	STEM	BRASS
10	END CAP	BRASS
11	CHECK VALVE BODY	ABS
12	O-RING - INNER SEAL	NBR
13	SPRING	STAINLESS STEEL 316
14	POPPET	ABS
15	O-RING - OUTER SEAL	ABS
16	RETAINING RING	STAINLESS STEEL 316
17	FLANGE BOLTS & NUTS	STEEL ZP
18	WING STYLE "T" HANDLE	STEEL CP W/ VINYL GRIPS

THE ISOLATOR® W/ CHECK VALVE & ROTATING FLANGE



NO.	DESCRIPTION	MATERIAL
1	FLANGED BODY	BRASS
2	SEATS	PTFE
3	BALL	BRASS HCP
4	HANDLE NUT	BRASS
5	LEVER HANDLE	STEEL CP
6	HANDLE JACKET	VINYL
7	PACKING GLAND	BRASS
8	STEM SEAL	PTFE
9	STEM	BRASS
10	END CAP	BRASS
11	CHECK VALVE BODY	ABS
12	O-RING - INNER SEAL	NBR
13	SPRING	STAINLESS STEEL 316
14	POPPET	ABS
15	O-RING - OUTER SEAL	ABS
16	RETAINING RING	STAINLESS STEEL 316
17	FLANGE BOLTS & NUTS	STEEL ZP
18	WING STYLE "T" HANDLE	STEEL CP W/ VINYL GRIPS
19	ROTATING FLANGE	BRASS
20	FLANGE RING	ABS

THE ISOLATOR™ W/ CHECK VALVE

Full Port Forged Brass Uni-Flange Ball Valves w/ Replaceable Integral Spring Check,
Adjustable Packing Gland, Bonus Wing Style "T" Handle, Nuts & Bolts

ISO 9001
600 WOG – 150 PSI @ 200°F

	SIZE	STANDARD BRASS ITEM #	CTN/CASE	A	B	C	D	E	F	FHV	G	GHV	H	I
IPS	3/4"	42403	1/10	3/4	3 1/4	2 1/4	4	3/8	1/2	-	1	-	2 11/16	4 1/8
	1"	42404	1/10	1	4 1/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	42405	1/10	1 1/4	4 15/16	2 15/16	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	42406	1/10	1 1/2	4 15/16	3 3/8	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8
SWT	3/4"	52403	1/10	3/4	3 7/16	2 5/16	4	3/8	1/2	-	1	-	2 11/16	4 1/8
	1"	52404	1/10	1	4 7/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	52405	1/10	1 1/4	5 13/16	2 15/16	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	52406	1/10	1 1/2	5 13/16	3 3/8	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8

1" – 1 1/2" sizes also available for High Velocity pumps - to order, add HV onto the end of the part #.

HV models fit both Standard & High Velocity pumps.

THE ISOLATOR™ W/ CHECK VALVE & ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valves w/ Replaceable Integral Spring Check & Detachable Rotating Flange,
Adjustable Packing Gland, Bonus Wing Style "T" Handle, Nuts & Bolts

ISO 9001
600 WOG – 150 PSI @ 200°F

	SIZE	STANDARD BRASS ITEM #	CTN/CASE	A	B	C	D	E	F	FHV	G	GHV	H	I
IPS	3/4"	43403	1/10	3/4	3 1/4	2 1/4	4	3/8	1/2	5/8	1	1	2 11/16	4 1/8
	1"	43404	1/10	1	4 1/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	43405	1/10	1 1/4	4 15/16	2 15/16	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	43406	1/10	1 1/2	4 15/16	3 3/8	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8
SWT	3/4"	53403	1/10	3/4	3 7/16	2 1/4	4	3/8	1/2	5/8	1	1	2 11/16	4 1/8
	1"	53404	1/10	1	4 7/16	2 1/2	4 5/8	3/8	1/2	5/8	1 1/4	1 1/4	2 11/16	4 1/8
	1 1/4"	53405	1/10	1 1/4	5 3/16	2 15/16	4 5/8	3/8	1/2	5/8	1 9/16	1 9/16	2 11/16	4 1/8
	1 1/2"	53406	1/10	1 1/2	5 3/16	3 3/8	5 1/2	3/8	1/2	5/8	1 15/16	1 15/16	2 11/16	4 1/8

Also available for High Velocity pumps - to order, add HV onto the end of the part #. HV models fit both Standard & High Velocity pumps.

**THE ISOLATOR CHECK VALVE ACCESSORIES****REPLACEMENT INTEGRAL CHECK**

SIZE	STANDARD BRASS ITEM #	CTN/CASE
3/4"	C42403	1/100
1"	C42404	1/100
1 1/4"	C42405	1/100
1 1/2"	C42406	1/100

REPLACEMENT RETAINING RING

SIZE	STANDARD BRASS ITEM #	CTN/CASE
3/4"	RR42403	1/100
1"	RR42404	1/100
1 1/4"	RR42405	1/100
1 1/2"	RR42406	1/100



DOUBLE FLANGED CHECK VALVE

- Uni-body design reduces leak paths
- Adds a check valve to any pump
- Installs between the pump & isolator uni-flange ball valve
- Covers more installations with fewer skus than the isolator w/ integral checks
- Inner & outer flanges are designed to help prevent problems from over-torquing
- 360° Rotating flange with snap ring provides greater control during installation
- Guaranteed for life



PATENTS PENDING

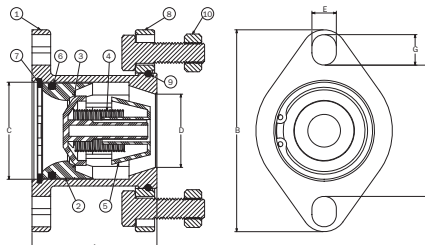
DOUBLE FLANGED CHECK VALVE

Double Flanged Check Forged Brass Check Valve w/ Rotating Flange End
Includes One Set of Mounting Bolts & Full-Faced Flange Gasket

ISO 9001
150 PSI @ 200°F

SIZE	STANDARD BRASS ITEM #	CTN/CASE	A	B	C	D	E	F	G
3/4" thru 1 1/4"	13703HV	1/10	1 3/4	4 3/16	1 1/4	1 1/8	3/8	2 11/16	5/8
1 1/2" thru 2"	13706HV	1/10	2 9/16	4 3/16	2	1 1/2	3/8	2 11/16	5/8

NO.	DESCRIPTION	MATERIAL
1	FLANGE BODY	BRASS
2	CHECK VALVE BODY	ABS
3	O-RING INNER SEAL	NBR
4	SPRING	STAINLESS STEEL
5	POPPET	ABS
6	O-RING OUTER SEAL	NBR
7	RETAINING RING	STAINLESS STEEL
8	ROTATING FLANGE	BRASS
9	ROTATING FLANGE RING	STAINLESS STEEL
10	FLANGE NUT & BOLTS	STEEL ZP

**SNUG-FIT
ROTATING FLANGE**

SECTION REMOVED TO SHOW INTERNAL CONSTRUCTION



THE ORIGINAL UNI-FLANGE BALL VALVE NOW AVAILABLE FOR PRESS FIT INSTALLATION

- Compatible with popular press tools
- Available multi-function drain purges before or after pump
- Snug-fit rotating flange provides greater control during installation
- Guaranteed for life



PRO-CONNECT PRESS™ THE ISOLATOR® W/ ROTATING FLANGE

Full Port Forged Brass Uni-Flange Ball Valves w/ Detachable Rotating Flange,
Adjustable Packing Gland, Nuts & Bolts

ISO 9001 • 250 CWP/250°F MAX
PATENTS PENDING

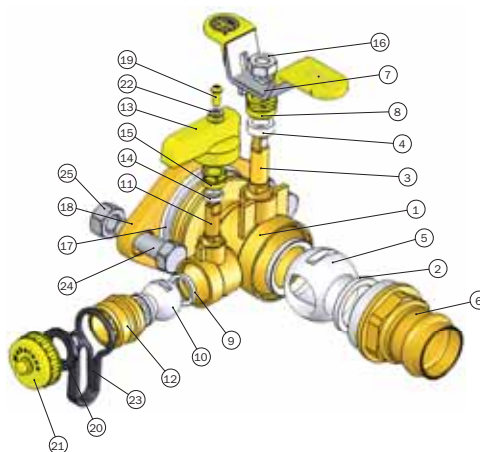
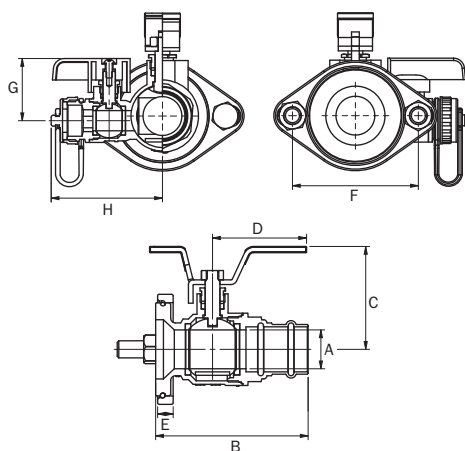
SIZE	STANDARD BRASS ITEM #	CTN/CS	A	B	C	D	E	F
3/4"	81403HV	1/20	3/4	3 5/16	2 1/4	2 3/8	3/8	3 3/16
1"	81404HV	1/20	1	4	2 5/8	2 3/8	3/8	3 3/16
1 1/4"	81405HV	1/20	1 1/4	4 7/16	2 15/16	3 3/8	3/8	3 3/16
1 1/2"	81406HV	1/10	1 7/16	4 15/16	3 3/16	3 3/8	3/8	3 3/16
2"	81407HV	1/10	1 15/16	5 13/16	3 9/16	3 3/8	3/8	3 11/16

PRO-CONNECT PRESS™ THE ISOLATOR® W/ ROTATING FLANGE & MULTI-FUNCTION DRAIN

Full Port Forged Brass Uni-Flange Ball Valves w/ Detachable Rotating Flange,
Multi-Function Drain, Adjustable Packing Gland, Nuts & Bolts

ISO 9001 • 250 CWP/250°F MAX
PATENTED TECHNOLOGY

SIZE	STANDARD BRASS ITEM #	CTN/CS	A	B	C	D	E	F	G	H
3/4"	81413HV	1/20	3/4	3 11/16	2 1/4	2 3/8	3/8	3 3/16	1 9/16	2 3/4
1"	81414HV	1/20	1	3 7/8	2 5/8	2 3/8	3/8	3 3/16	1 9/16	2 13/16
1 1/4"	81415HV	1/10	1 1/4	4 7/16	2 15/16	3 3/8	3/8	3 3/16	1 3/4	3 5/16
1 1/2"	81416HV	1/10	1 7/16	5	3 3/16	3 3/8	3/8	3 3/16	1 3/4	3 1/2
2"	81417HV	1/10	1 15/16	5 13/16	3 9/16	3 3/8	3/8	3 11/16	1 3/4	3 3/4



NO.	DESCRIPTION	MATERIAL
1	BODY	BRASS
2	SEAT	PTFE
3	STEM	BRASS
4	STEM SEAL	PTFE
5	BALL	BRASS
6	END CAP	BRASS
7	HANDLE	PLATED STEEL
8	PACKING GLAND	BRASS
9	DRAIN SEATS	PTFE
10	DRAIN BALL	PLATED BRASS
11	DRAIN STEM	BRASS
12	DRAIN END CAP	BRASS
13	DRAIN HANDLE	EPOXY COATED ALUMINUM
14	STEM SEAL	PTFE
15	PACKING GLAND	BRASS
16	HANDLE NUT	STAINLESS STEEL
17	RETAINER	STAINLESS STEEL
18	FLANGE	BRASS
19	SCREW	STAINLESS STEEL
20	GASKET	EPDM
21	CAP	BRASS
22	WASHER	STAINLESS STEEL
23	STRAP	PVC
24	FLANGE BOLTS	STAINLESS STEEL
25	HEX NUTS	STAINLESS STEEL

Webstone
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