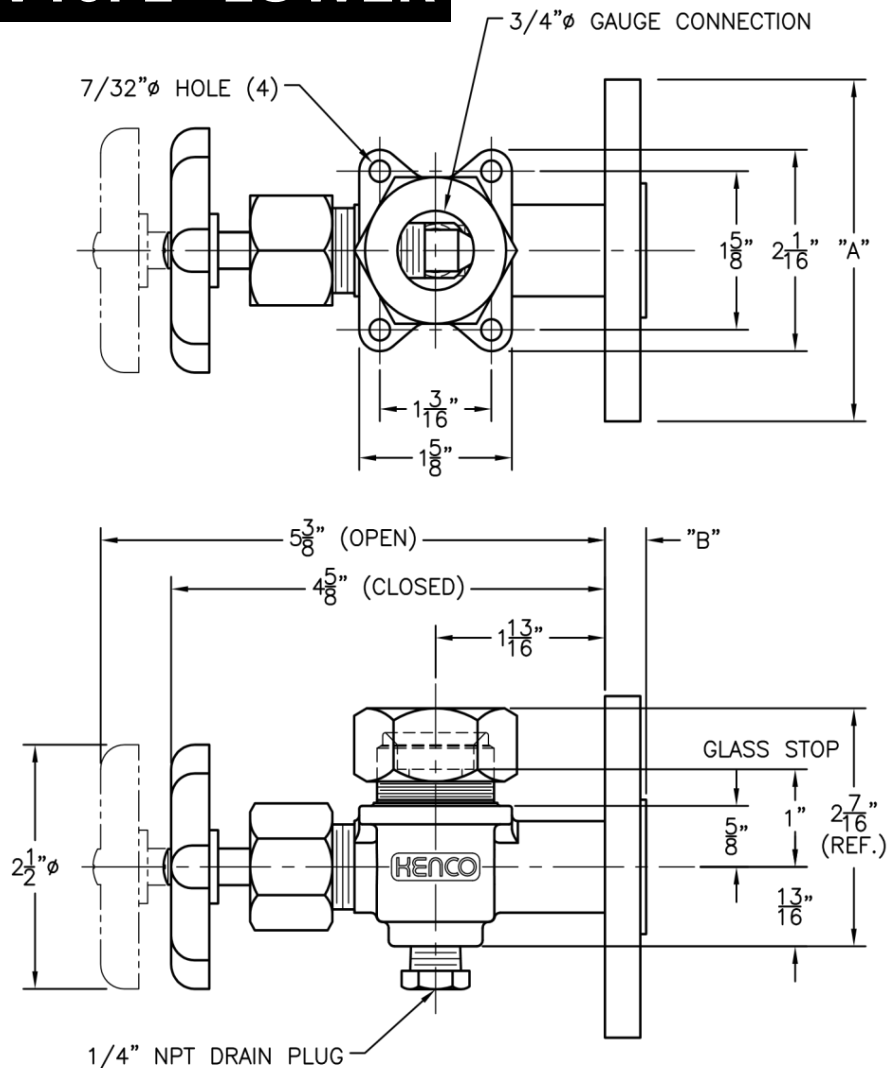
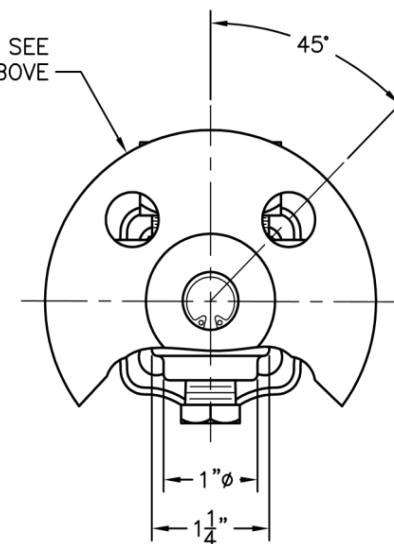


KTV10FL - LOWER



VESSEL CONNECTION SEE
OPTIONS ABOVE



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO
DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

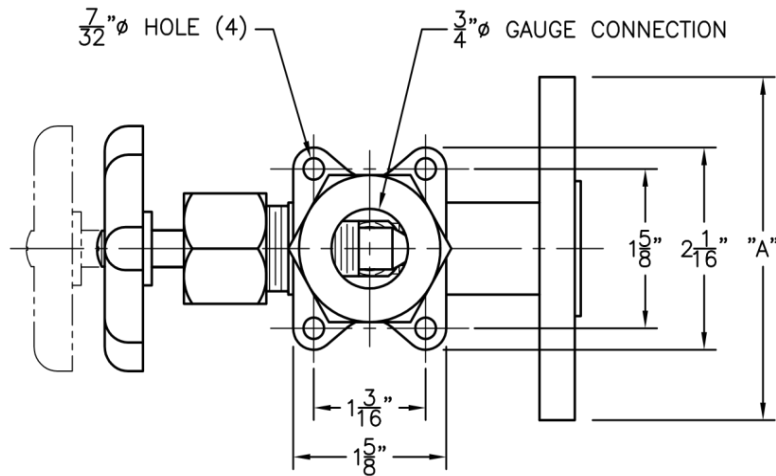
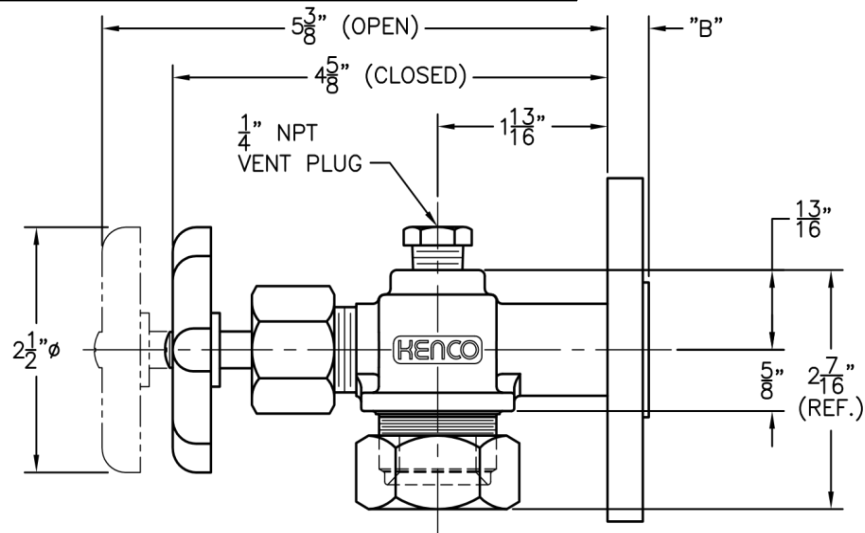
GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

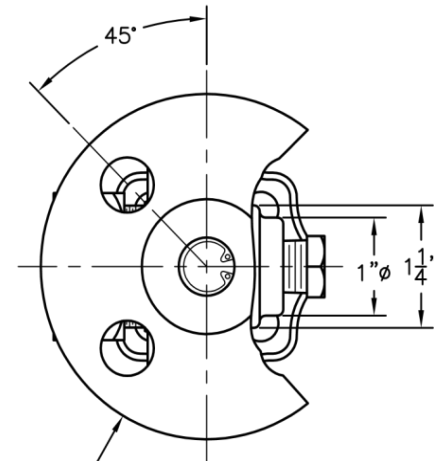
REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (LOWER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C-51061
					SCALE: NONE	REVISION:	C-51069

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

KTV10FL - UPPER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



VESSEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

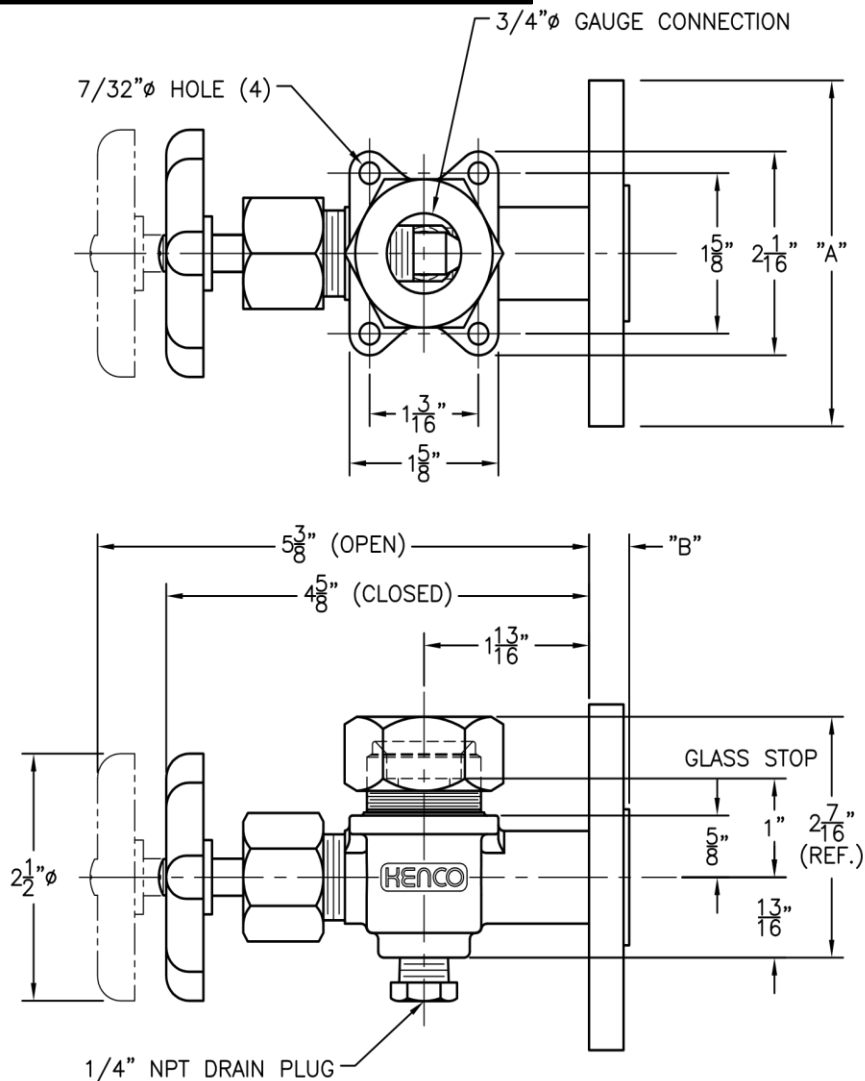
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C-51110
					SCALE: NONE REVISION: C-51118

KTV10FL300 - LOWER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

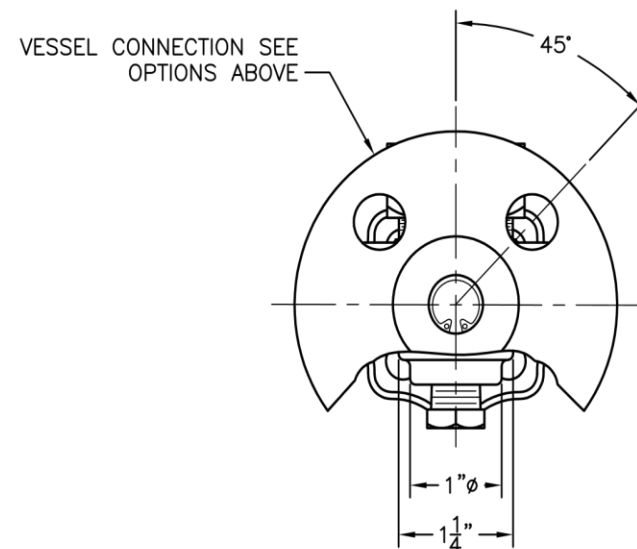
"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

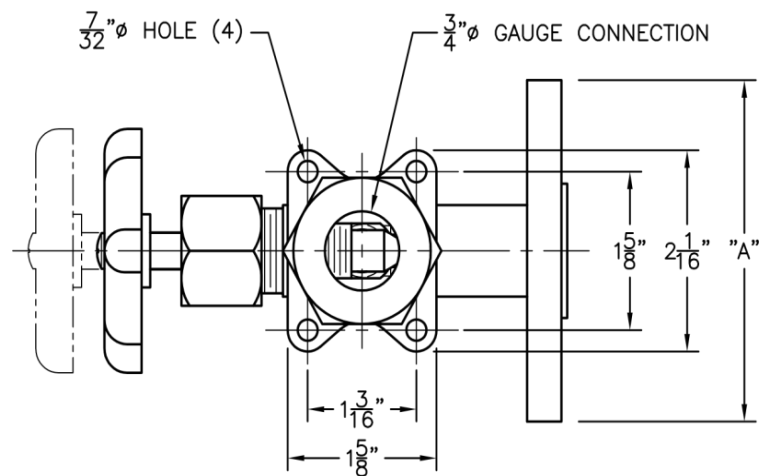
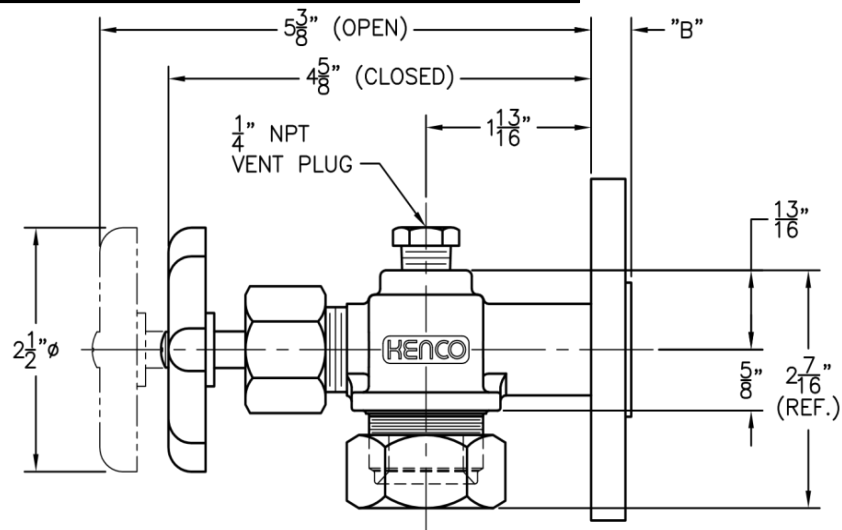
GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

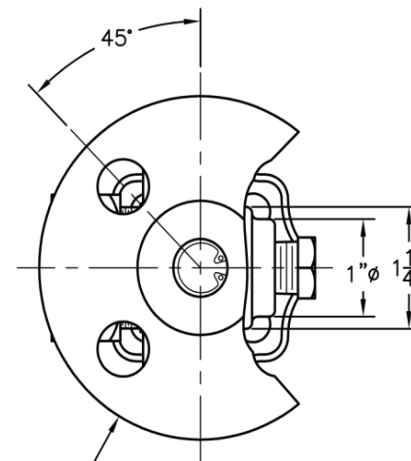


REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA VALVE, GAUGE GLASS (LOWER) WITH 3/4" Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
DATE: 12-18-06		SHEET: 1 OF 2		DRAWING NUMBER	
DRN. BY: DS		CHKD. BY: BC		C- 51061	
SCALE: NONE		REVISION:		51069	

KTV10FL300 - UPPER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



VESSEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

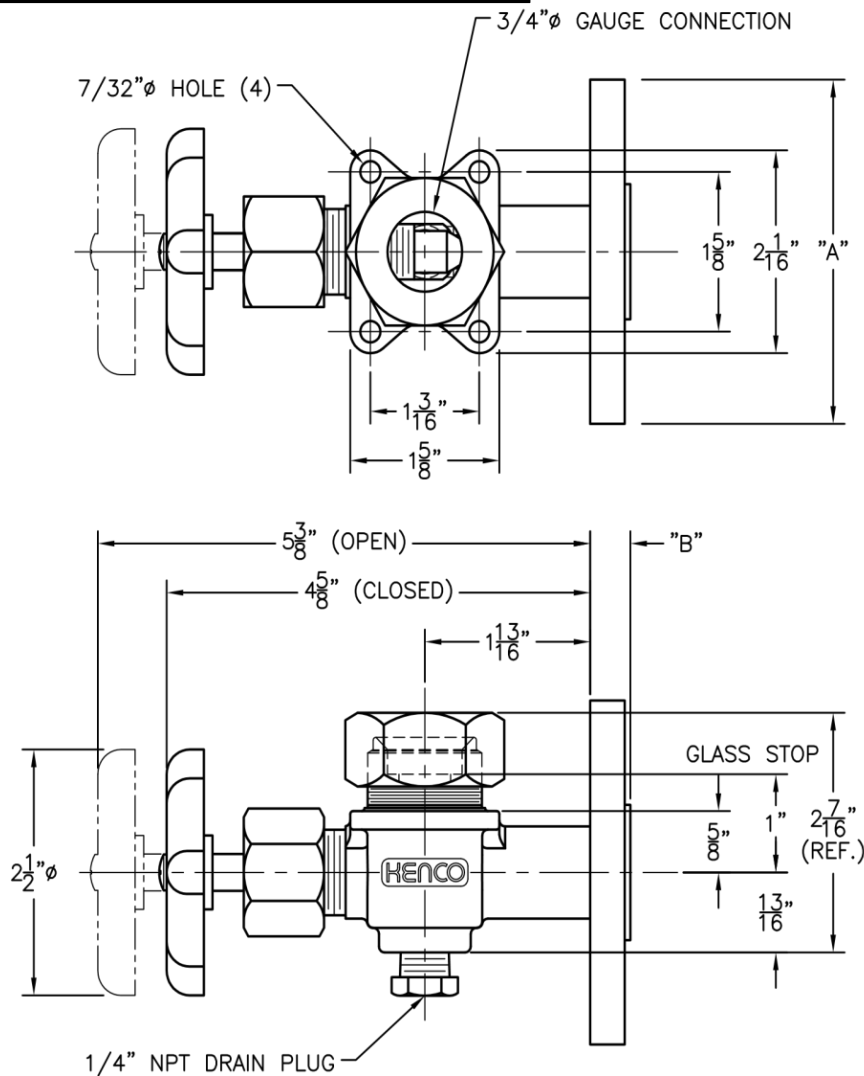
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C-51110
					SCALE: NONE REVISION: C-51118

KTV15FL - LOWER

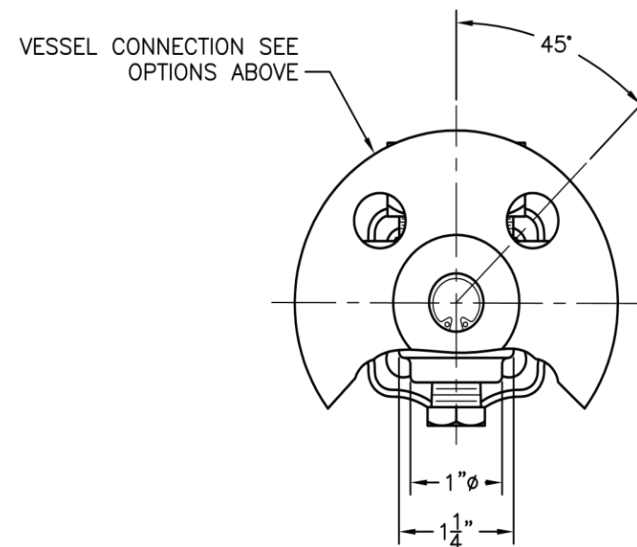


ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-SS" (DESIGNATES 316 STAINLESS STEEL)

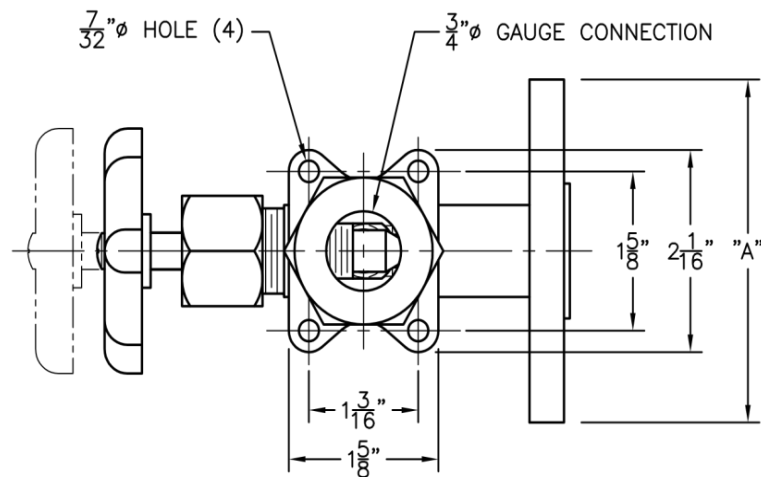
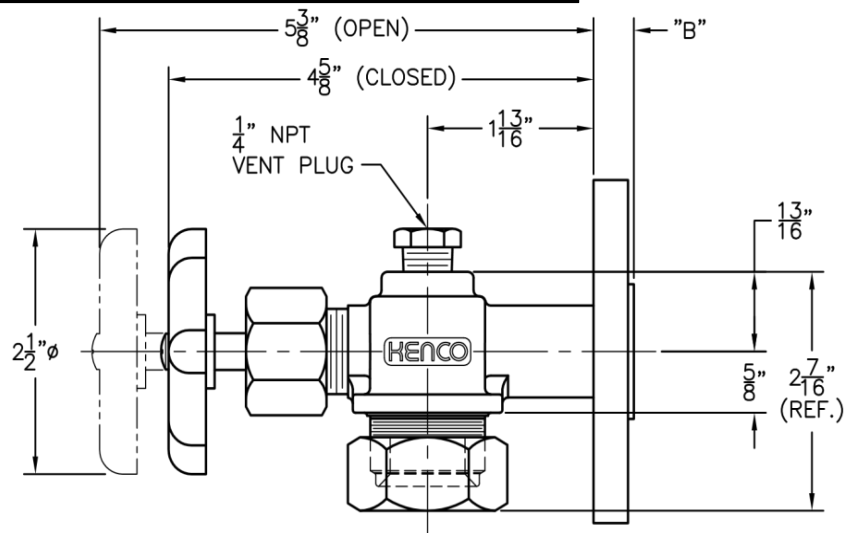
GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

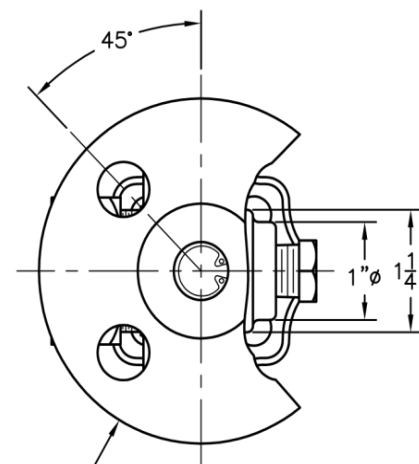


REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (LOWER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C- 51061
					SCALE: NONE	REVISION:	51069

KTV15FL - UPPER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



VESSEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

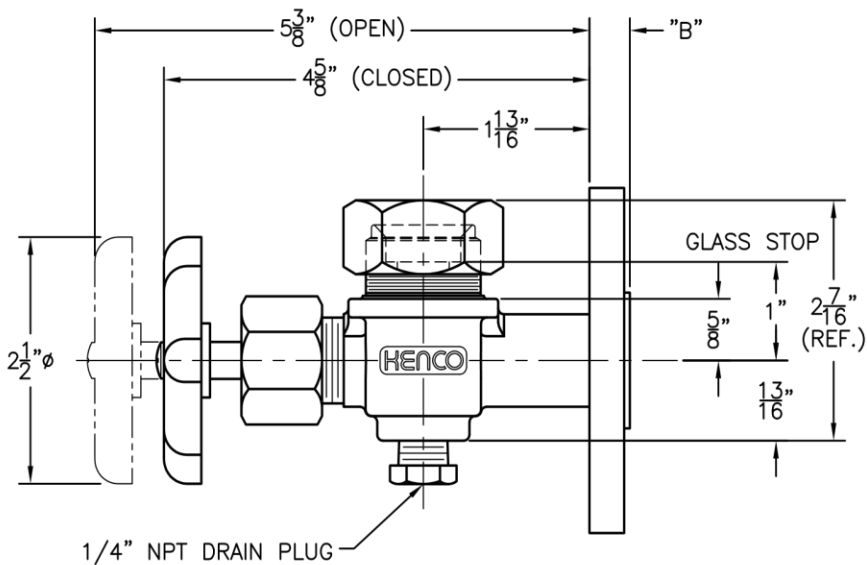
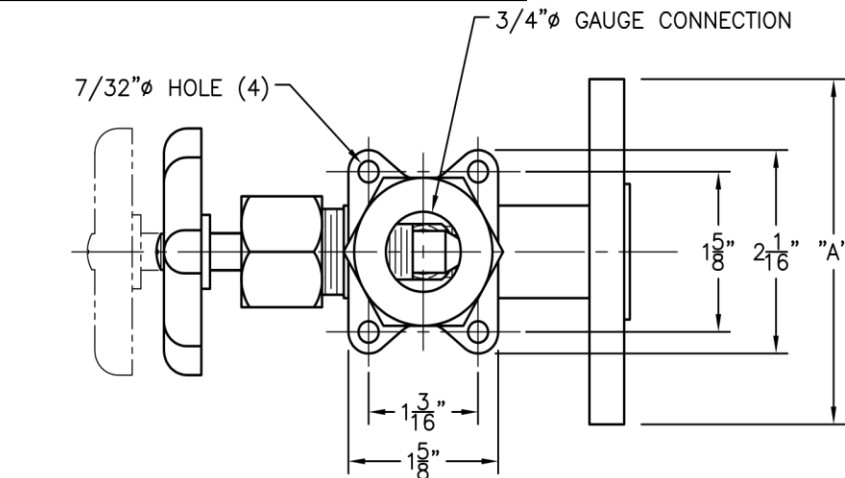
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C-51110
					SCALE: NONE REVISION: C-51118

KTV15FL300 - LOWER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

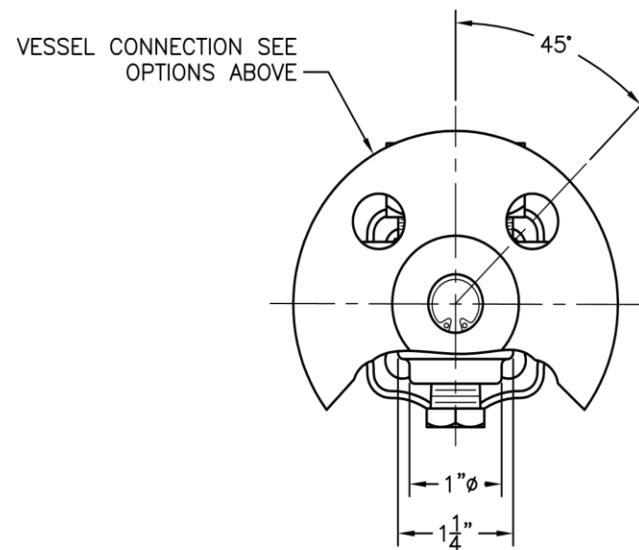
"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

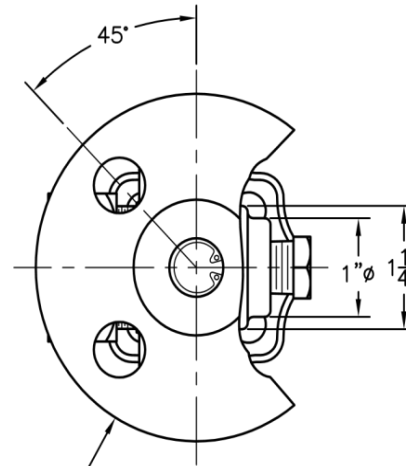
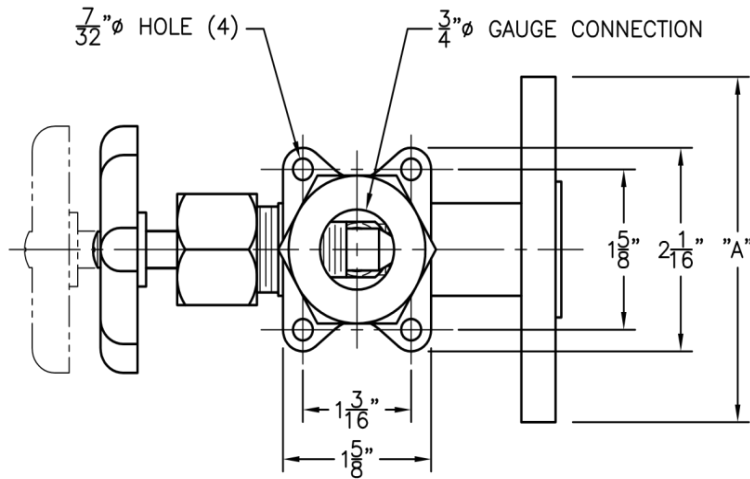
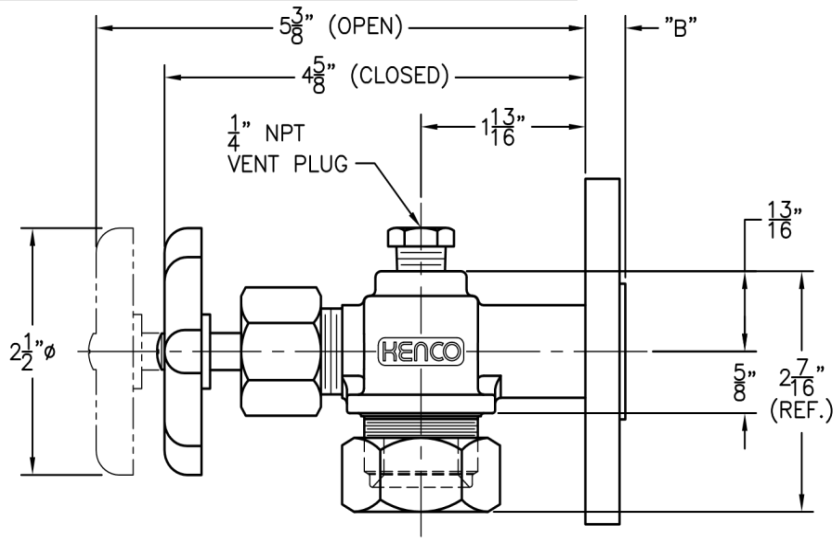
ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA VALVE, GAUGE GLASS (LOWER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C- 51061
					SCALE: NONE	REVISION:	51069

KTV15FL300 - UPPER



VESEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

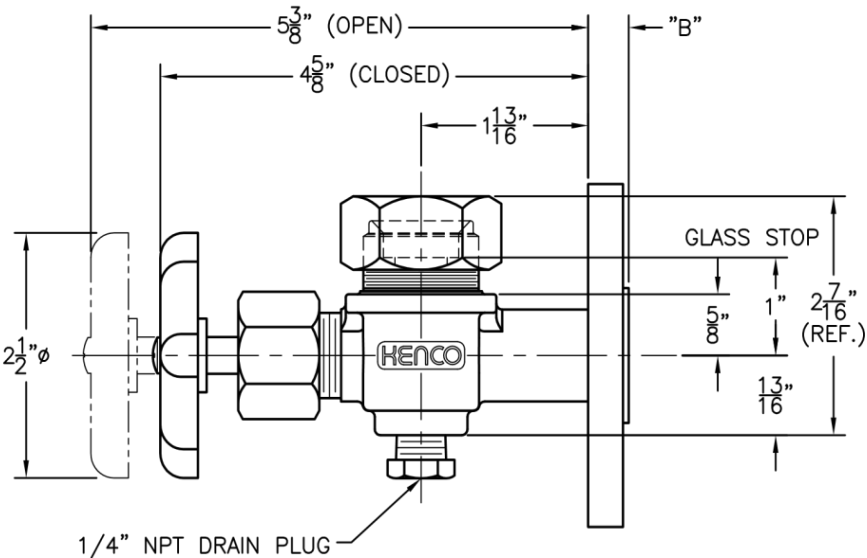
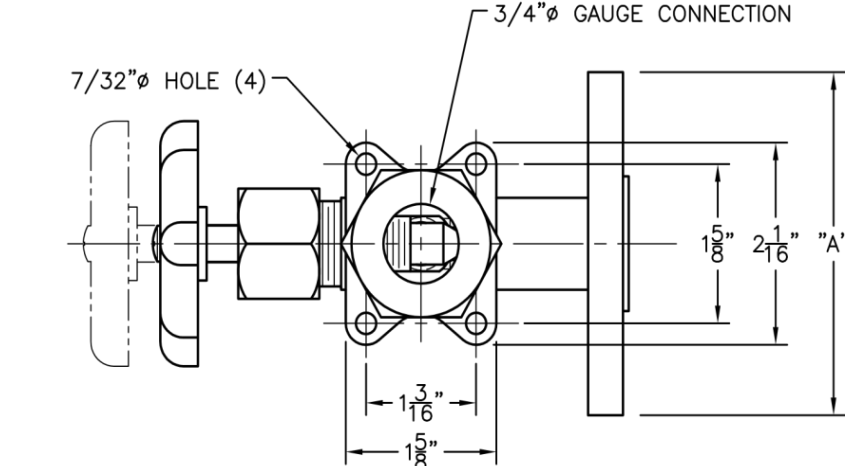
GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (UPPER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER DRN. BY: DS CHKD. BY: BC C- 51110 SCALE: NONE REVISION: 51118

KTV20FL - LOWER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

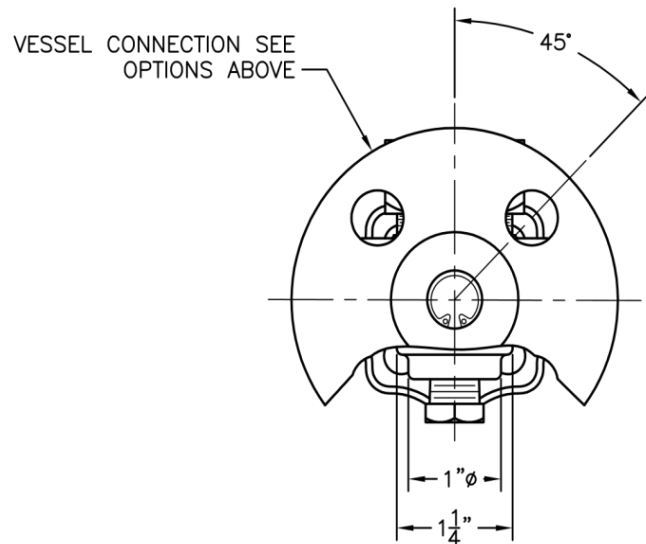
"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

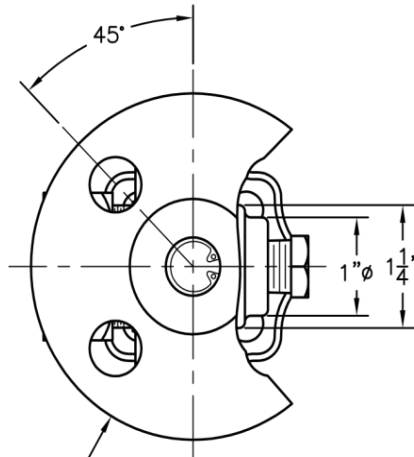
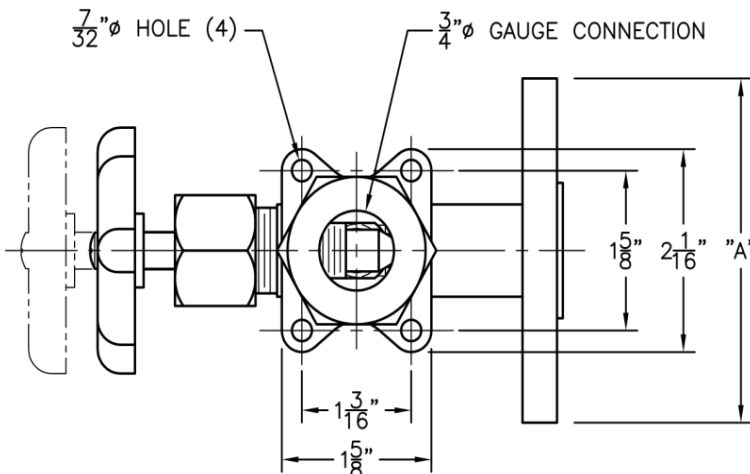
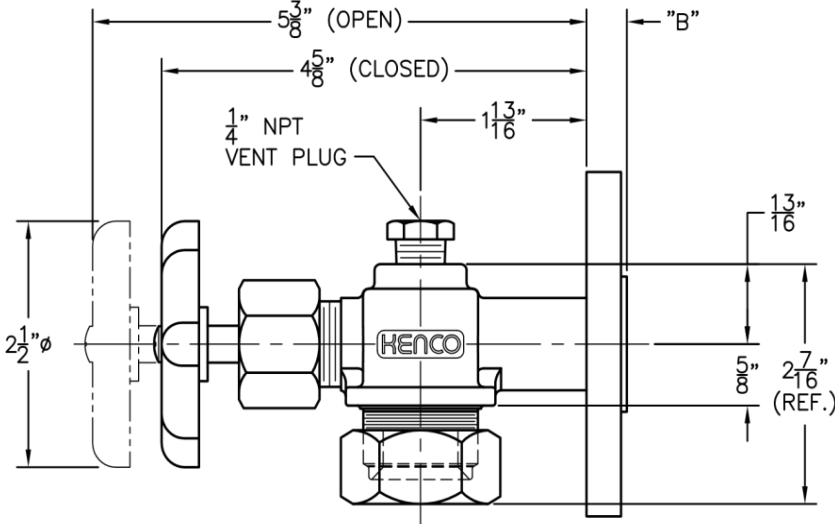
ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA									
					VALVE, GAUGE GLASS (LOWER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF									
					<table><tr><td>DATE: 12-18-06</td><td>SHEET: 1 OF 2</td><td>DRAWING NUMBER</td></tr><tr><td>DRN. BY: DS</td><td>CHKD. BY: BC</td><td>C- 51061</td></tr><tr><td>SCALE: NONE</td><td>REVISION:</td><td>51069</td></tr></table>	DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER	DRN. BY: DS	CHKD. BY: BC	C- 51061	SCALE: NONE	REVISION:	51069
DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER												
DRN. BY: DS	CHKD. BY: BC	C- 51061												
SCALE: NONE	REVISION:	51069												

KTV20FL - UPPER



VESSEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
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C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA VALVE, GAUGE GLASS (UPPER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 DRN. BY: DS SCALE: NONE
					SHEET: 1 OF 2 CHKD. BY: BC REVISION:
					DRAWING NUMBER: C-51110 51118

3/4" ϕ GAUGE CONNECTION

7/32" ϕ HOLE (4)

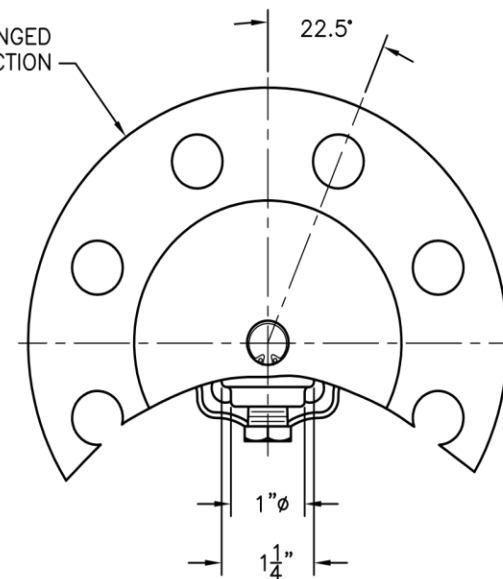
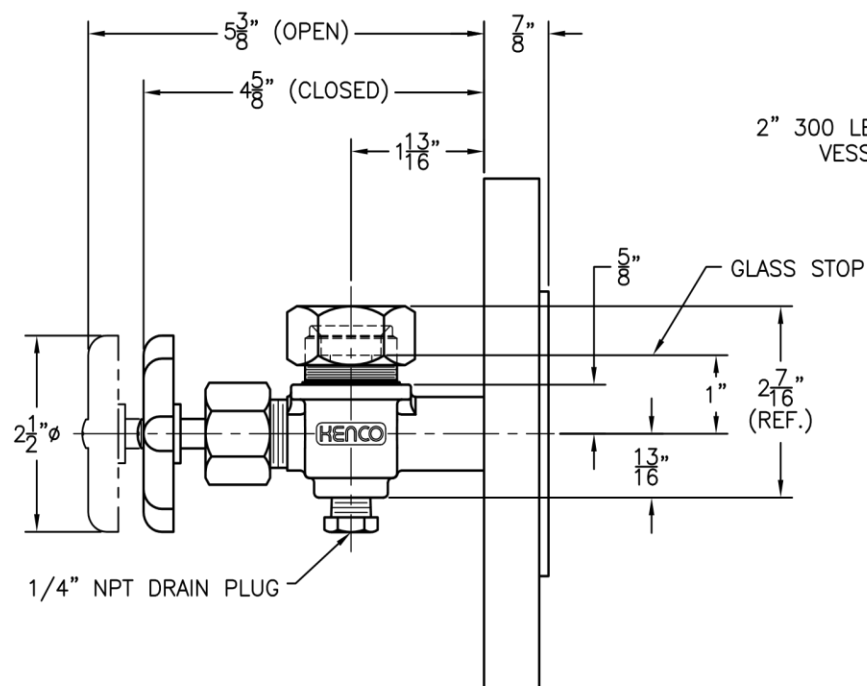
1 $\frac{3}{16}$ "

1 $\frac{5}{8}$ "

1 $\frac{5}{8}$ "

2 $\frac{1}{16}$ "

6 $\frac{1}{2}$ "

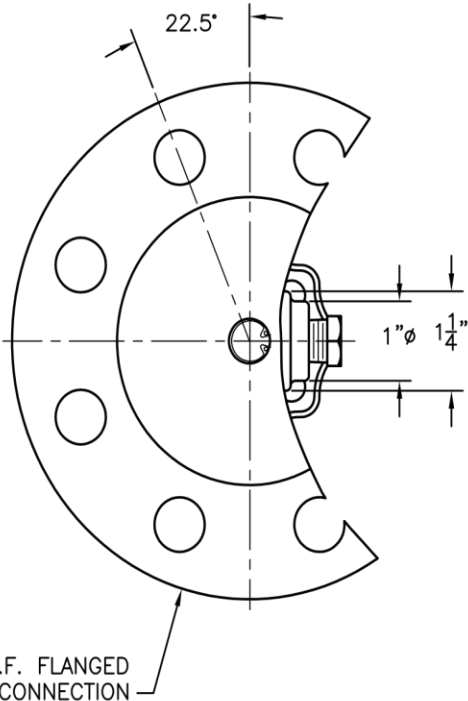
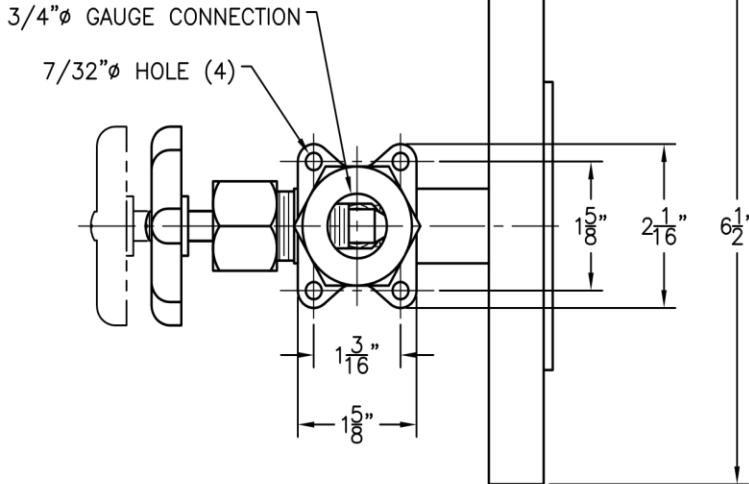
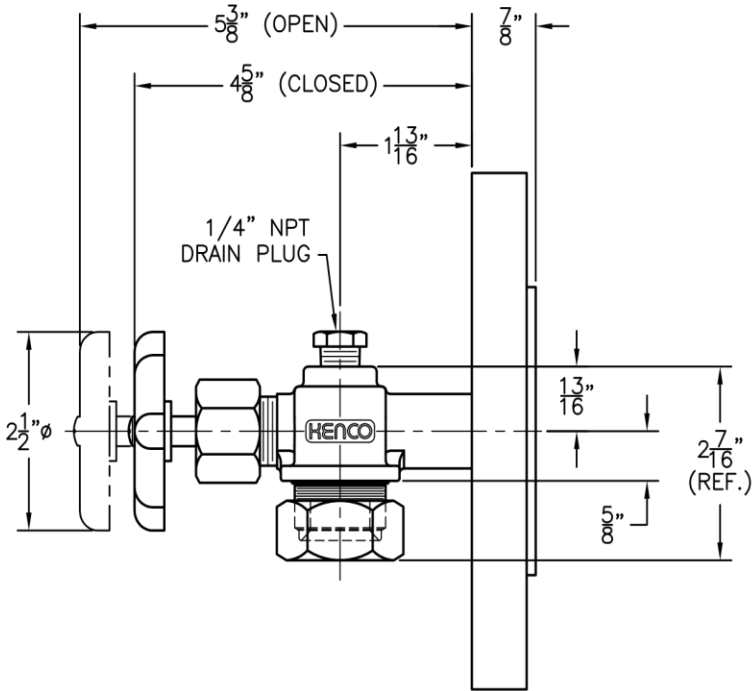


GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

DATE: 03-29-07	SHEET: 1 OF 2	DRAWING NUMBER
DRN. BY: DS	CHKD. BY: BC	C-51126
SCALE: NONE	REVISION:	

[illegible]

KTV20FL300 - UPPER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

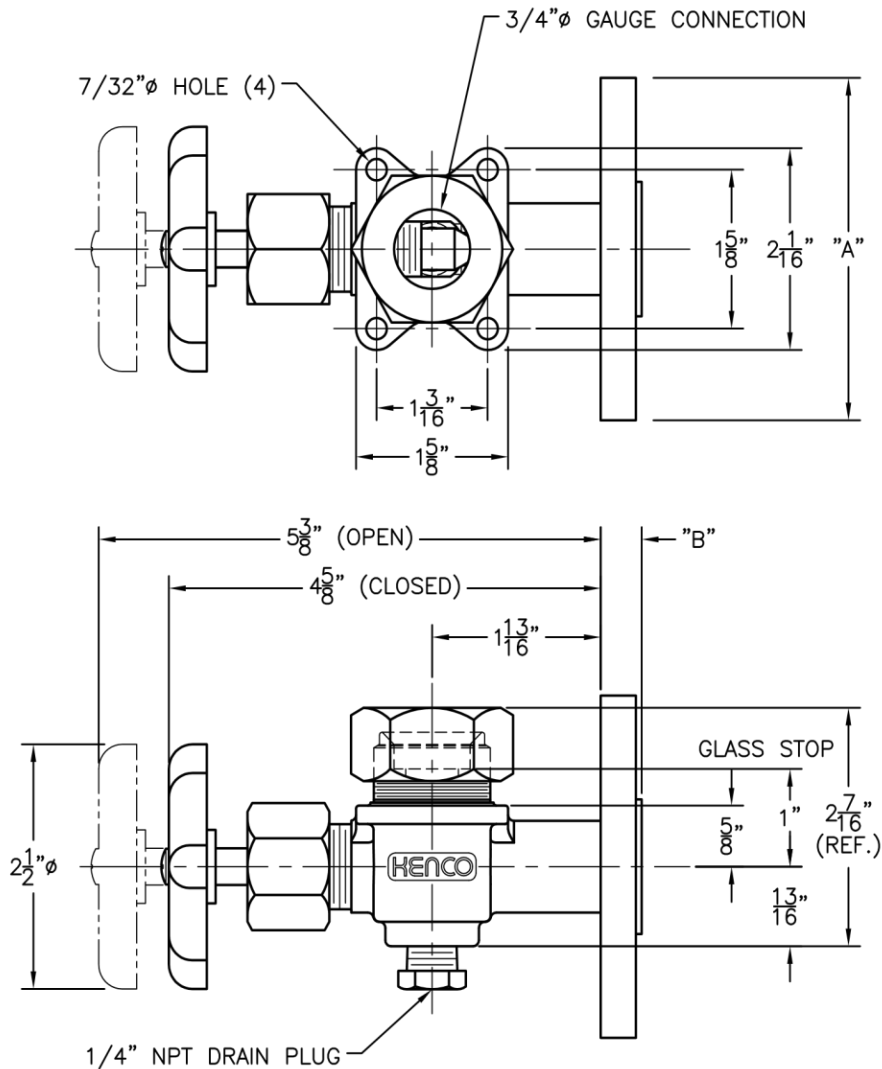
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

2" 300 LB. R.F. FLANGED
VESSEL CONNECTION

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (UPPER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN., AND BALL CHECK SHUTOFF		
					DATE: 03-29-07	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C-51127
					SCALE: NONE	REVISION:	

KTV50FL - LOWER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

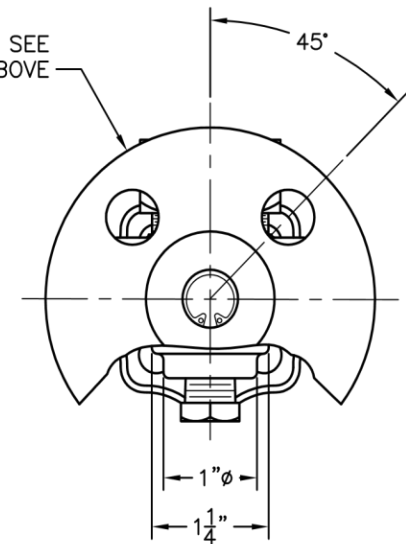
"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

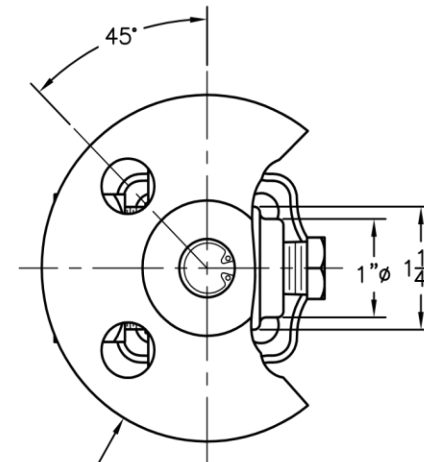
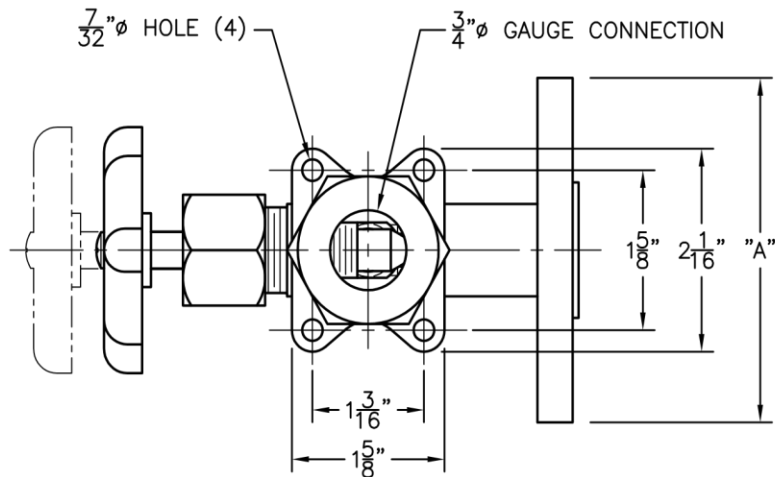
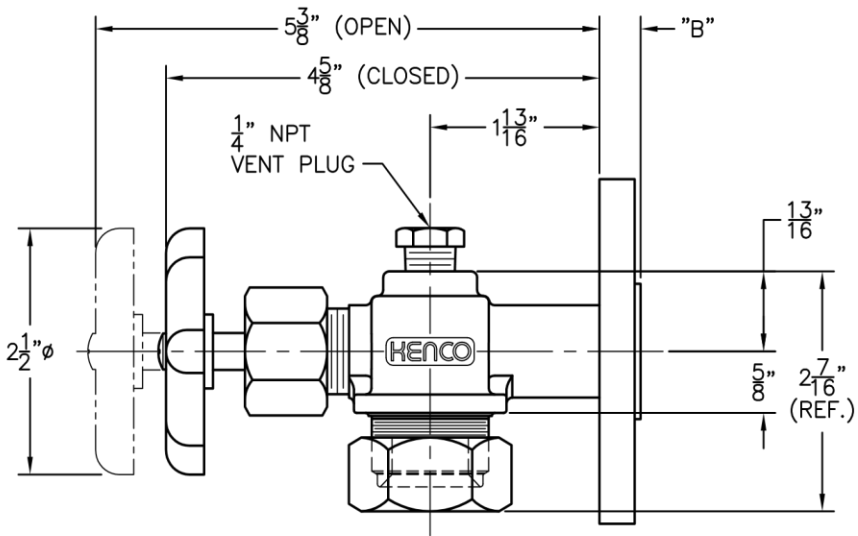
VESSEL CONNECTION SEE OPTIONS ABOVE



INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (LOWER) WITH 3/4" Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C-51061
					SCALE: NONE REVISION: C-51069

KTV50FL - UPPER



VESEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

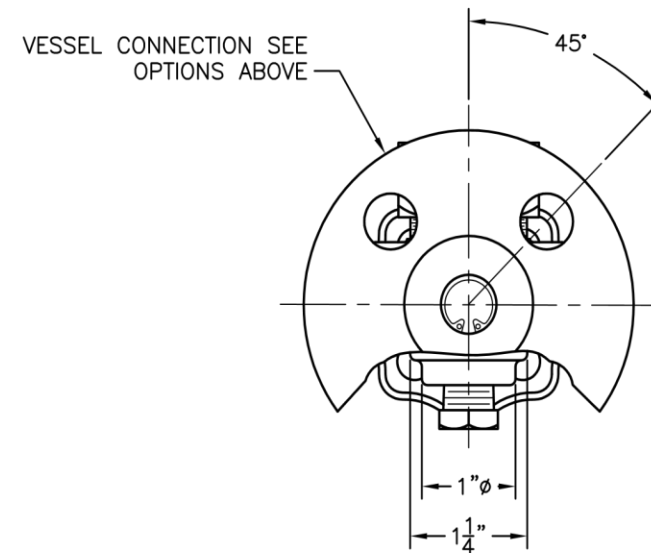
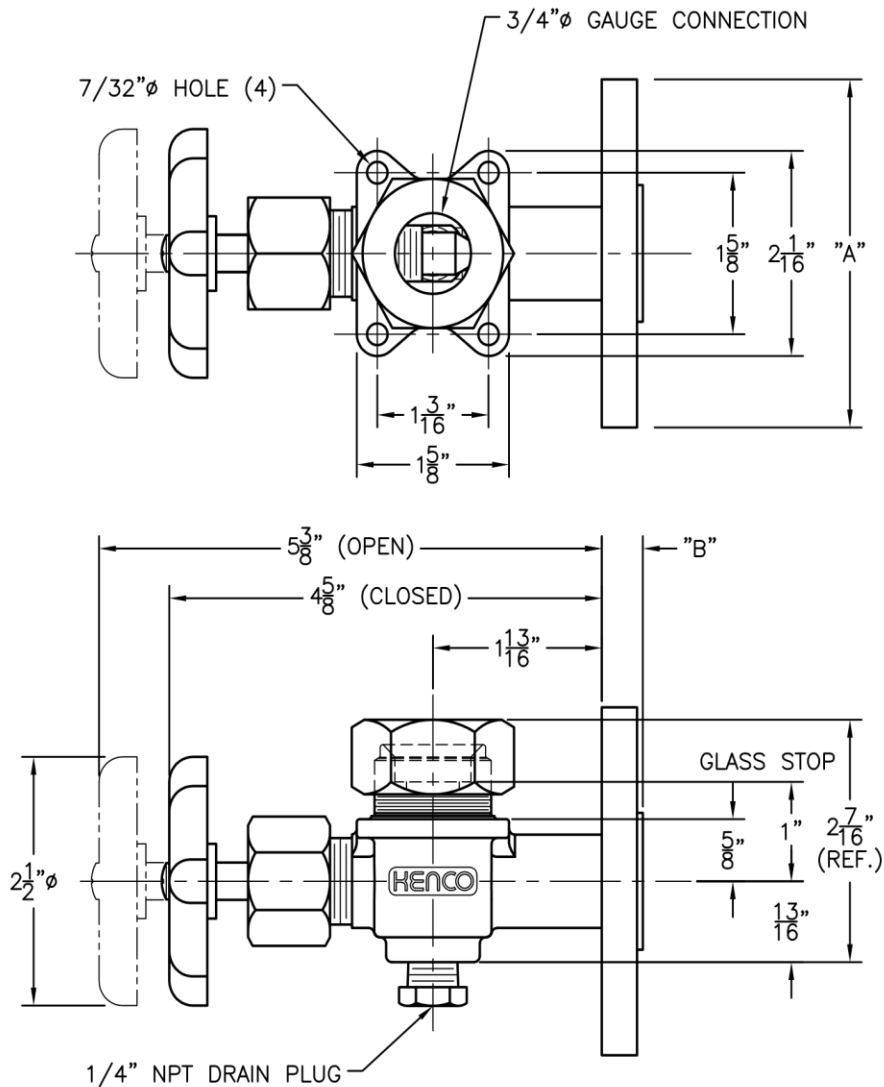
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C- 51110
					SCALE: NONE	REVISION:	51118

KTV50FL300 - LOWER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

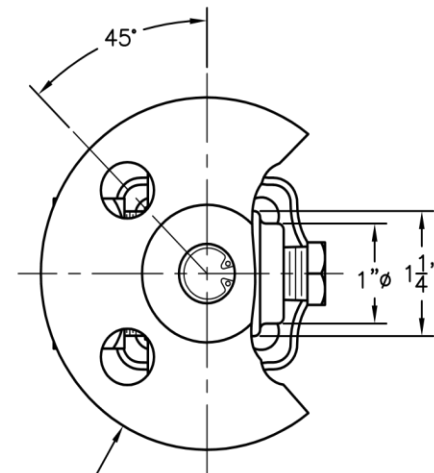
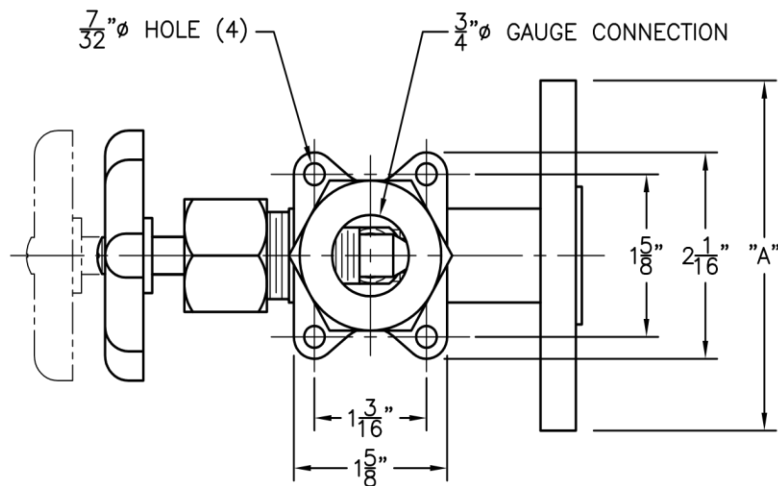
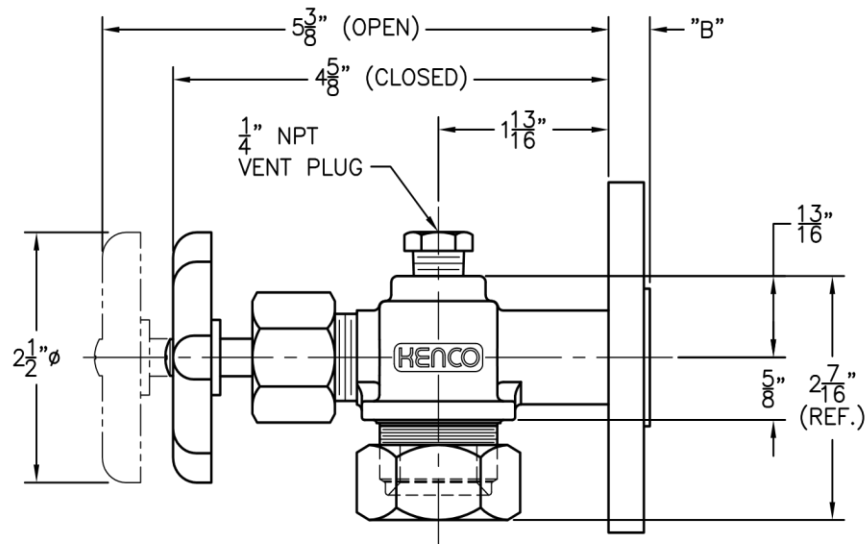
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (LOWER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C- 51061
					SCALE: NONE REVISION: C- 51069

KTV50FL300 - UPPER



VESSEL CONNECTION
SEE OPTIONS ABOVE

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

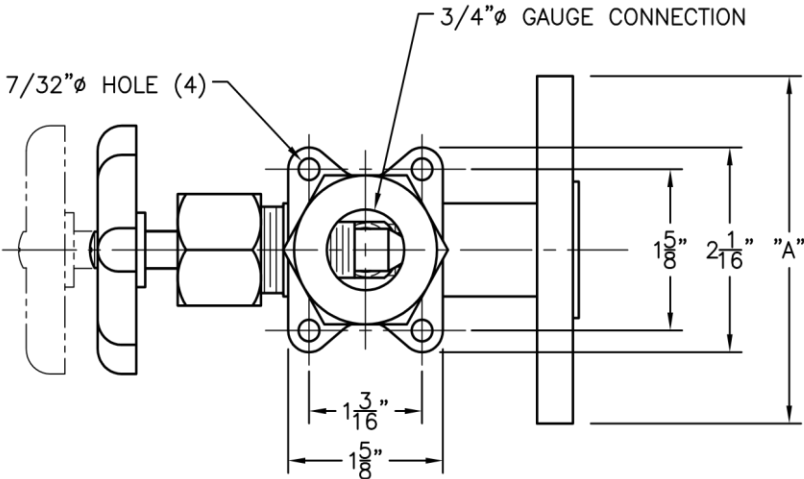
VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C-51110
					SCALE: NONE	REVISION:	C-51118

KTV75FL - LOWER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

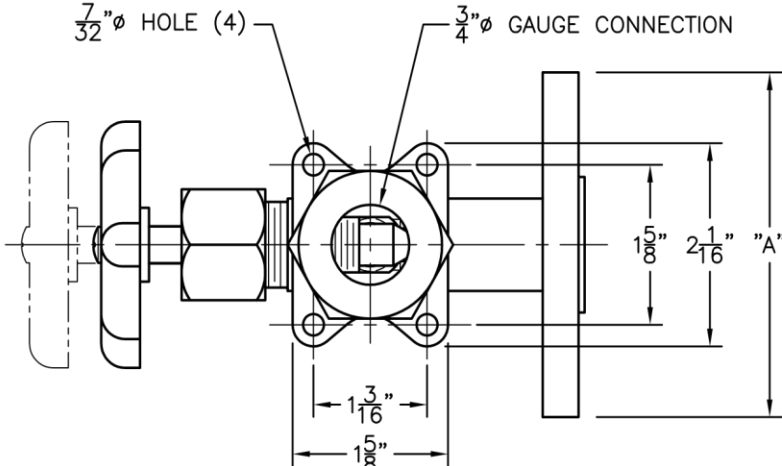
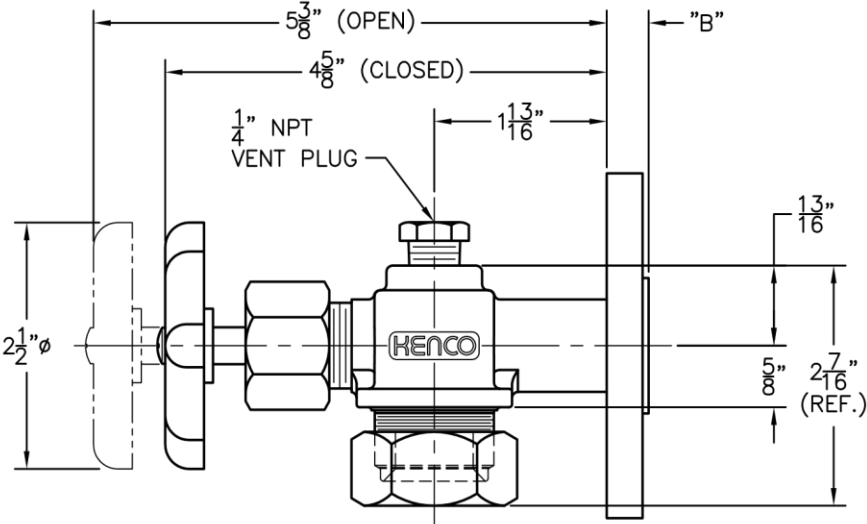
"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA VALVE, GAUGE GLASS (LOWER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER DRN. BY: DS CHKD. BY: BC C- 51061 SCALE: NONE REVISION: 51069

KTV75FL - UPPER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

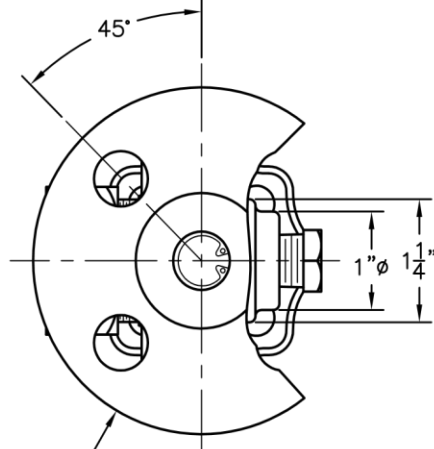
"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

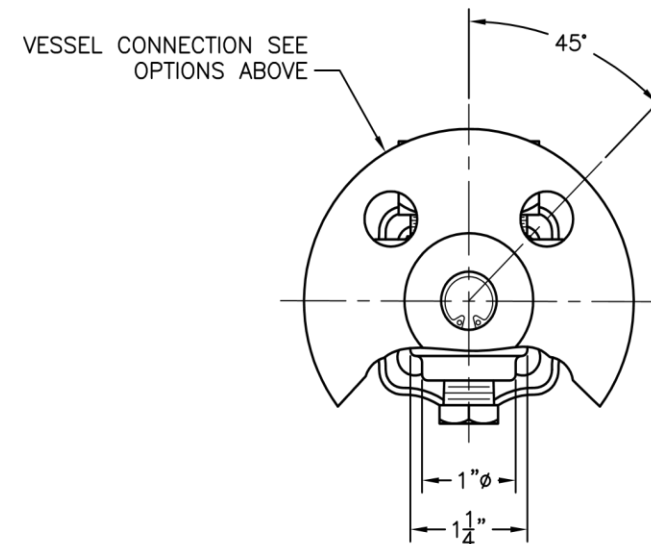
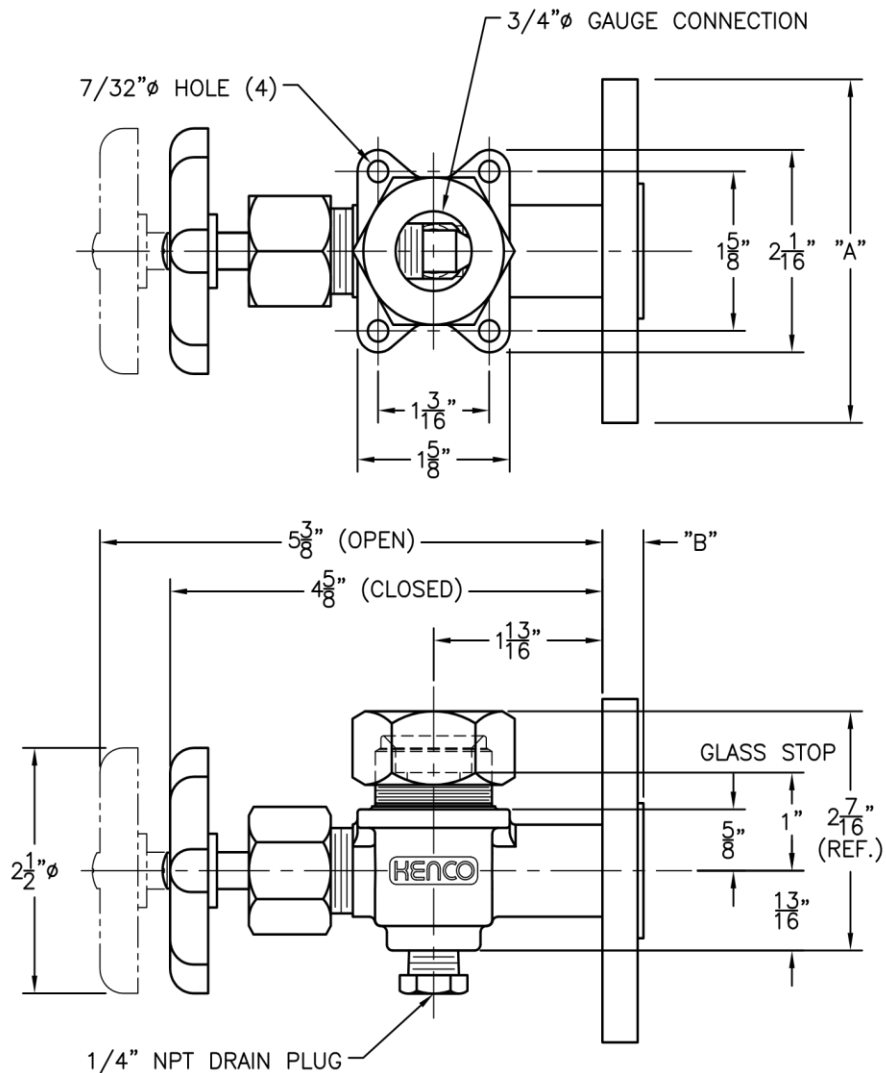


VESEL CONNECTION
SEE OPTIONS ABOVE

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA VALVE, GAUGE GLASS (UPPER) WITH 3/4"Ø GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 DRN. BY: DS SCALE: NONE
					SHEET: 1 OF 2 CHKD. BY: BC REVISION:
					DRAWING NUMBER C-51110 51118

KTV75FL300 - LOWER



VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

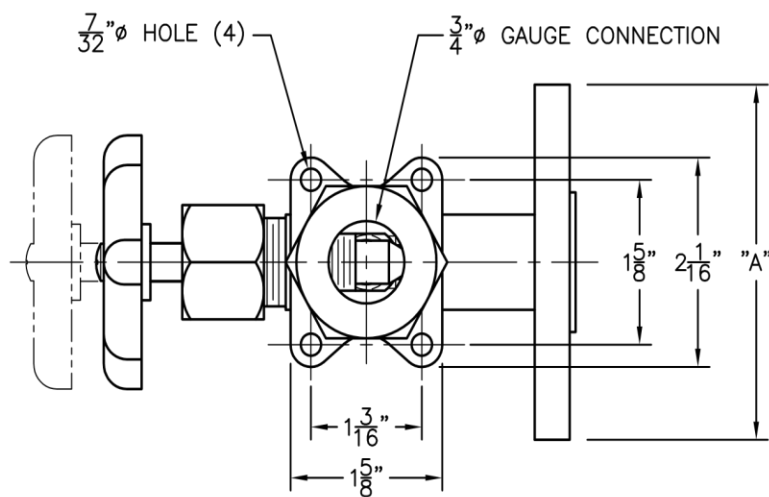
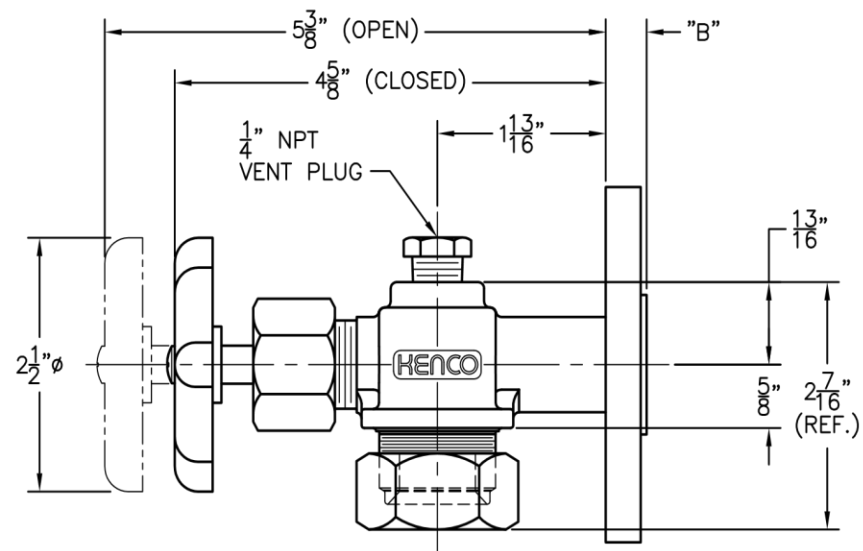
GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51061	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51062	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51063	1" 150 LB. R.F.	4-1/4"	9/16"
C-51064	1-1/2" 150 LB. R.F.	5"	11/16"
C-51065	2" 150 LB. R.F.	6"	3/4"
C-51066	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51067	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51068	1" 300 LB. R.F.	4-7/8"	11/16"
C-51069	1-1/2" 300 LB. R.F.	6-1/8"	13/16"

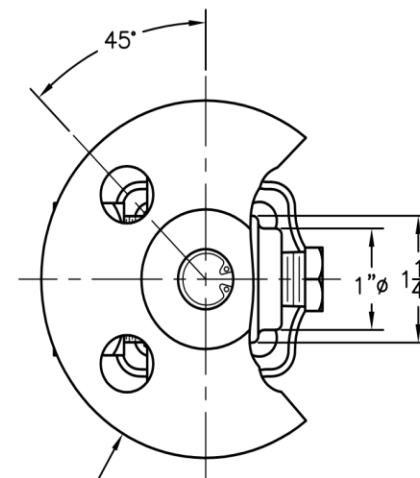
REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA		
					VALVE, GAUGE GLASS (LOWER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF		
					DATE: 12-18-06	SHEET: 1 OF 2	DRAWING NUMBER
					DRN. BY: DS	CHKD. BY: BC	C-51061
					SCALE: NONE	REVISION:	C-51069

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

KTV75FL300 - UPPER



ASSEMBLY NUMBER	VESSEL CONNECTION FLANGE SIZE	"A"	"B"
C-51110	1/2" 150 LB. R.F.	3-1/2"	7/16"
C-51111	3/4" 150 LB. R.F.	3-7/8"	1/2"
C-51112	1" 150 LB. R.F.	4-1/4"	9/16"
C-51113	1-1/2" 150 LB. R.F.	5"	11/16"
C-51114	2" 150 LB. R.F.	6"	3/4"
C-51115	1/2" 300 LB. R.F.	3-3/4"	9/16"
C-51116	3/4" 300 LB. R.F.	4-5/8"	5/8"
C-51117	1" 300 LB. R.F.	4-7/8"	11/16"
C-51118	1-1/2" 300 LB. R.F.	6-1/8"	13/16"



VESSEL CONNECTION
SEE OPTIONS ABOVE

VALVE BODY MATERIAL:

ADD SUFFIX "-CS" OR "-SS" TO ASSEMBLY NUMBER TO DESIGNATE MATERIALS OF CONSTRUCTION.

"-CS" (DESIGNATES ZINC PLATED CARBON STEEL)

"-SS" (DESIGNATES 316 STAINLESS STEEL)

VALVE STEM PACKING MATERIAL: PTFE

GAUGE CONNECTION SEAL MATERIAL: SPECIFIED BY CUSTOMER

INFORMATION IS PROPRIETARY TO KENCO ENGINEERING CO.

REV.	DATE	BY	ECN	EXPLANATION:	KENCO ENGINEERING COMPANY TULSA, OKLAHOMA
					VALVE, GAUGE GLASS (UPPER) WITH 3/4" GAUGE CONN., FLANGED VESSEL CONN. AND BALL CHECK SHUTOFF
					DATE: 12-18-06 SHEET: 1 OF 2 DRAWING NUMBER
					DRN. BY: DS CHKD. BY: BC C-51110