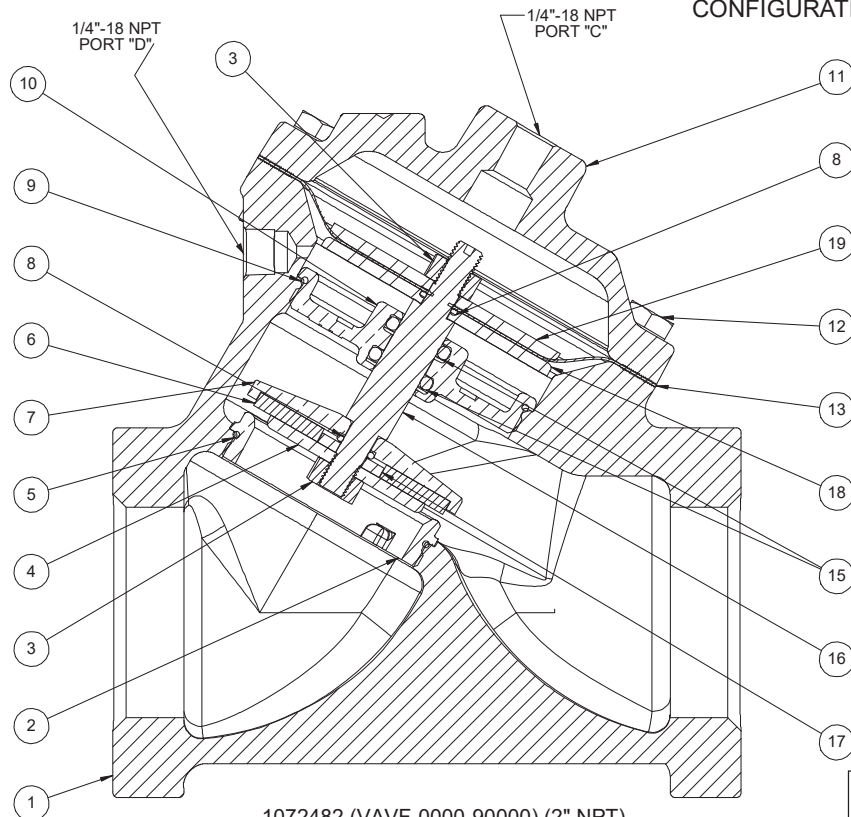
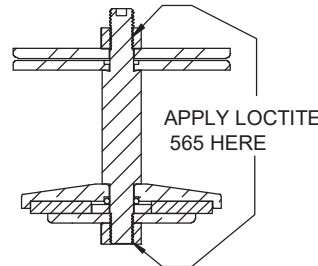


SEE REVERSE SIDE FOR
CONFIGURATION OPTIONS



1072482 (VAVF-0000-90000) (2" NPT)
NORMALLY OPEN (STANDARD)



DO NOT APPLY TO O-RING SEALS

ITEM NO.	Default/QTY.	PART NUMBER	DESCRIPTION
1	1	BR1074277	BODY 425, 2" NPT
2	1	BR1074321	SEAT, 425, BRASS
3	2	BR1263853	NUT, HEX, 5/16"-24, SS
4	1	BR1074313	PLATE, DISC, AV5, BRASS, MCHD
5	1	BR1071794	O-RING, -035, FKM
6	1	BR1074310	DISC, 425, HYCAR
		BR1074311	DISC, 425, TEFLON
7	1	BR1074304	DISC HOLDER, AV5
8	2	BR1071786	O-RING, -011, FKM
9	1	BR1071795	O-RING, -038, FKM
10	1	BR43243	GUIDE, SHAFT, 425, BRASS
11	1	BR1074281	CAP, 425, NPT TAP TOP, CI
12	6	BR1072400	SCREW, 5/16-18X1 1/8", HX HD,
		BR1074296	DIAPHRAGM, SERIES 425
13	1	BR1074297	DIAPHRAGM, DOUBLE COATED
14	6	BR1071657	HEX NUT, 5/16"-18, ZINC PLATED
15	2	BR1071664	O-RING, AFLAS, -206
16	1	BR1074314	SHAFT, 425, NO
17	1	BR1074382	SPACER, BRASS
18	1	BR1074295	PLATE, LOWER DIAPHRAGM
19	1	BR1074294	PLATE, UPPER DIAPHRAGM

REPAIR PARTS KITS



DESCRIPTION	PART NO.	
DIAPHRAGM & SEALS KIT CONSIST OF ITEM NO'S 3(2), 5, 6, 8(2), 9, 14, 16(2)	1070108 (AV5-RA)	1070503 (AV5-RAHT)
	INCLUDES DISC 1074310 (425-JH) DIAPHRAGM 1074296 (425-FB)	INCLUDES DISC 1074311 (425-JT) DIAPHRAGM 1074297 (425-FV)
INT. PARTS KIT (NORM. OPEN) CONSIST OF STANDARD ITEM NO'S 4, 7, 10, 17, 18, 19, 20	1070504 (AV5-RF)	
SEAT (ITEM NO. 2)	1074321 (425-MO)	

ASSEMBLY TOOLS

DESCRIPTION	PART NO.
FOR INSTALLATION & REMOVAL OF SEAT (ITEM #2) (TOOL NOT SHOWN)	1074411 (426-MT)
FOR INSTALLATION & REMOVAL OF SHAFT GUIDE (ITEM #10) (TOOL NOT SHOWN)	1074299 (425-GAT)

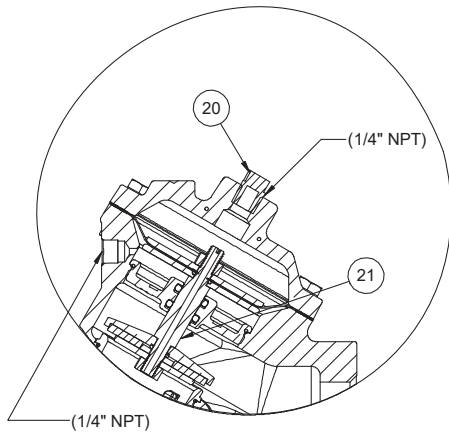
NOTE:

1. AMERICAN NATIONAL STANDARD TAPER PIPE THREADS (NPT) PER ANSI B2.1-1968
2. VALVES AVAILABLE WITH B.S.P.T. END CONNECTIONS.

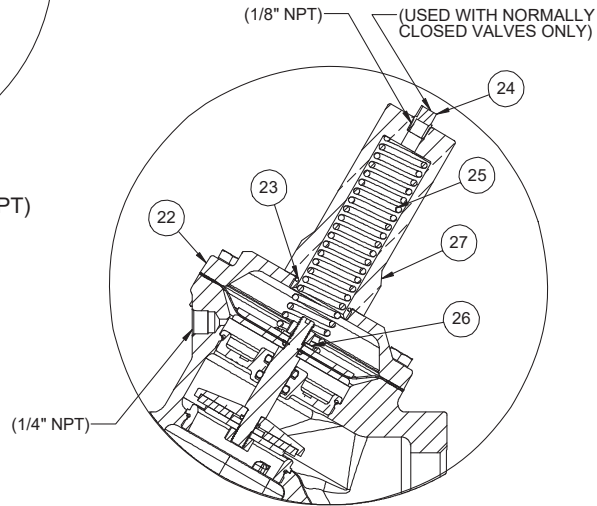
THIRD ANGLE PROJECTION									
APPROVALS		DATE		SERIES VAV5 DIAPHRAGM VALVE 2" NPT OR BSPT					
DRAWN NE		08-25-12							
APPROVED									
CHECKED									
		SIZE	C		DWG NO.	BR1077637	REV	J.	
		SCALE	2:5					SHEET 1 OF 2	

DO NOT SCALE DRAWING. DIMS. ARE IN INCHES [mm]
INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M -2009
UNLESS OTHERWISE SPECIFIED:

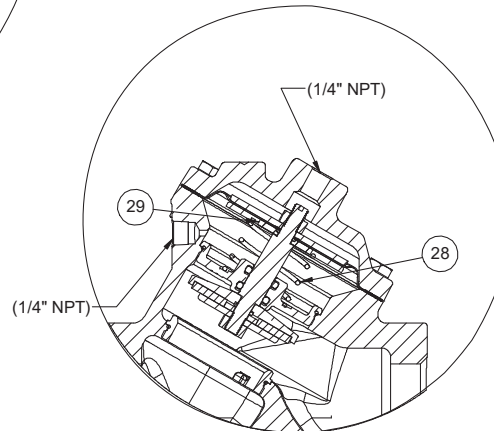
TOLERANCES:
ANGLES: ± 1°
1 PLACE .X
2 PLACE .XX
3 PLACE .XXX



1072486 (VAVF-0030-90000) (2\" NPT)
NORMALLY CLOSED



1072485 (VAVF-0002-90000) (2\" NPT)
SPRING ASSIST CLOSED



1072484 (VAVF-0001-90000) (2\" NPT)
SPRING ASSIST OPEN

NORMALLY CLOSED MODEL

ITEM NO.	Default (normally closed)/QTY.	PART NUMBER	DESCRIPTION
20	1	BR1071918	MALE PIPE PLUGS,
21	1	BR1074317	VALVE SHAFT, STANDARD, NC

SPRING ASSIST CLOSED MODEL

ITEM NO.	Default (spring assist closed)/QTY.	PART NUMBER	DESCRIPTION
22	1	BR1074284	CAP, 425,SPRING ASSIST CLOSED, CI
23	1	BR1071677	O-RING, 2-025,NITRILE
24	1	BR1071903	MALE PIPE PLUGS,
25	1	BR1074429	COMPRESSION SPRING, SERIES
26	1	BR1074083	WASHER,
27	1	BR1074431	SPRING RETAINER NUT, 425 & 426

SPRING ASSIST OPEN MODEL

ITEM NO.	Default (spring assist open)/QTY.	PART NUMBER	DESCRIPTION
28	1	BR1078692	SPRING, COMPRESSION
29	1	BR1074436	WASHER, CENTERING,BRASS



SEE REVERSE SIDE FOR
STANDARD NORMALLY OPEN MODEL

REPAIR PARTS KITS

DESCRIPTION	PART NO.
INT. PARTS KIT (NORM. CLOSED) CONSISTS OF STANDARD ITEM NO'S 4, 7, 10, 18, 19, 20, 24	1070505 (AV-RG)
INT. PARTS KIT (SPRING ASSIST CLOSED) CONSISTS OF STANDARD ITEM NO'S 22, 25, 26	1070506 (AV5-SC)
INT. PARTS KIT (SPRING ASSIST OPEN) CONSISTS OF STANDARD ITEM NO'S 28, 29	1070508 (AV5-SO)

CONVERSION KITS

DESCRIPTION	PART NO.
CONVERSION KIT (SPRING ASSIST CLOSED) CONSISTS OF STANDARD ITEM NO'S 22 THRU 37	1070507 (AV5-SCC)
CONVERSION KIT (SPRING ASSIST OPEN) CONSISTS OF STANDARD ITEM NO'S 28, 29	1070508 (AV5-SO)

<div>DO NOT SCALE DRAWING. DIMS. ARE IN INCHES [mm] INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M -2009 UNLESS OTHERWISE SPECIFIED:</div> <div>TOLERANCES: ANGLES : ± 1° 1 PLACE .X: 2 PLACE .XX: 3 PLACE .XXX:</div>	THIRD ANGLE PROJECTION		<div></div> <div></div>	
	APPROVALS			
	DRAWN NE		08-25-12	
	APPROVED			
	CHECKED			
	SIZE		C	DWG NO.
	SCALE		2:5	BR1077637
				REV J.
				SHEET 2 OF 2