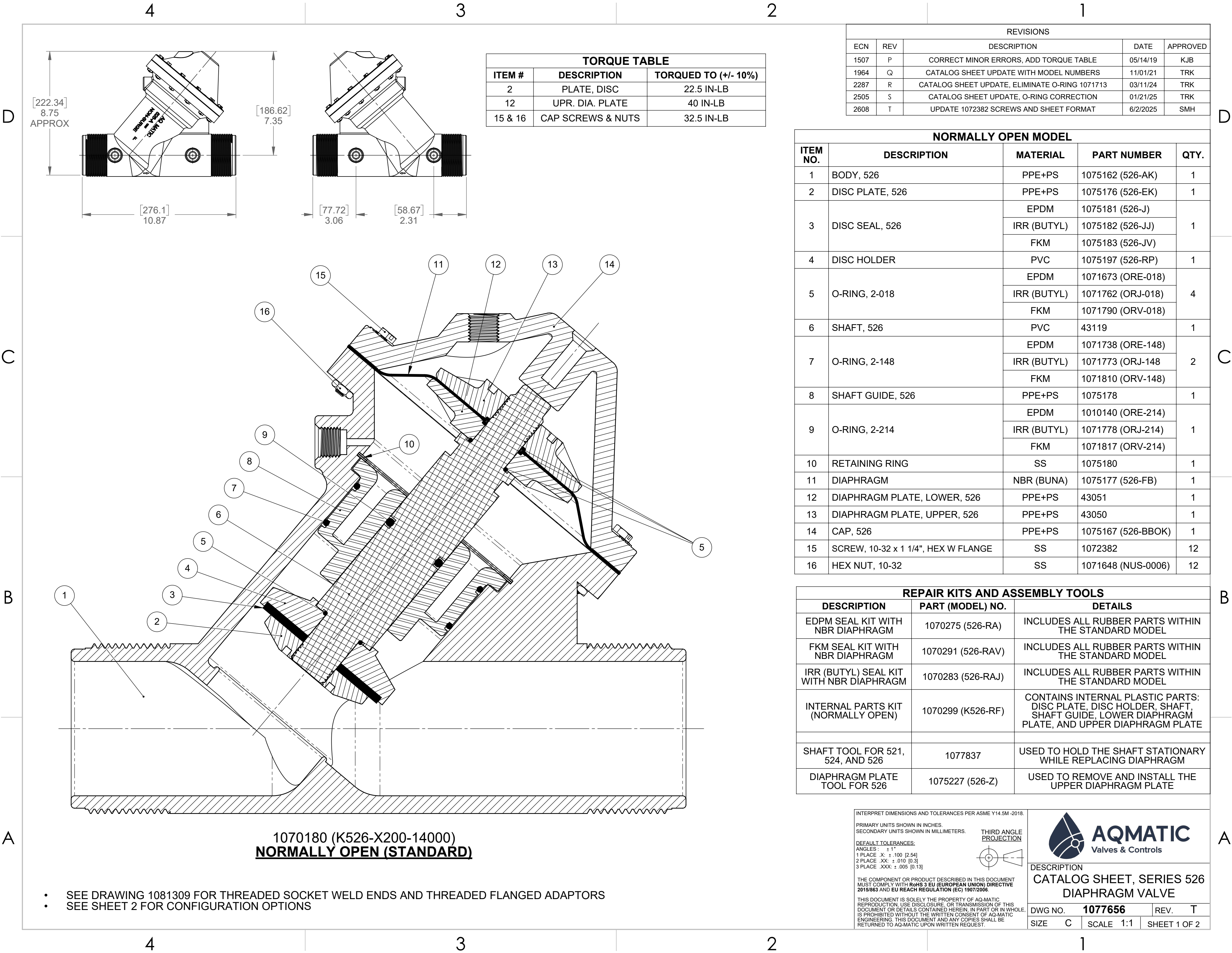




TORQUE TABLE		
ITEM #	DESCRIPTION	TORQUED TO (+/- 10%)
2	PLATE, DISC	22.5 IN-LB
12	UPR. DIA. PLATE	40 IN-LB
15 & 16	CAP SCREWS & NUTS	32.5 IN-LB

REVISIONS				
ECN	REV	DESCRIPTION	DATE	APPROVED
1507	P	CORRECT MINOR ERRORS, ADD TORQUE TABLE	05/14/19	KJB
1964	Q	CATALOG SHEET UPDATE WITH MODEL NUMBERS	11/01/21	TRK
2287	R	CATALOG SHEET UPDATE, ELIMINATE O-RING 1071713	03/11/24	TRK
2505	S	CATALOG SHEET UPDATE, O-RING CORRECTION	01/21/25	TRK
2608	T	UPDATE 1072382 SCREWS AND SHEET FORMAT	6/2/2025	SMH

NORMALLY OPEN MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
1	BODY, 526	PPE+PS	1075162 (526-AK)	1
2	DISC PLATE, 526	PPE+PS	1075176 (526-EK)	1
3	DISC SEAL, 526	EPDM	1075181 (526-J)	1
		IRR (BUTYL)	1075182 (526-JJ)	
		FKM	1075183 (526-JV)	
4	DISC HOLDER	PVC	1075197 (526-RP)	1
5	O-RING, 2-018	EPDM	1071673 (ORE-018)	4
		IRR (BUTYL)	1071762 (ORJ-018)	
		FKM	1071790 (ORV-018)	
6	SHAFT, 526	PVC	43119	1
7	O-RING, 2-148	EPDM	1071738 (ORE-148)	2
		IRR (BUTYL)	1071773 (ORJ-148)	
		FKM	1071810 (ORV-148)	
8	SHAFT GUIDE, 526	PPE+PS	1075178	1
9	O-RING, 2-214	EPDM	1010140 (ORE-214)	1
		IRR (BUTYL)	1071778 (ORJ-214)	
		FKM	1071817 (ORV-214)	
10	RETAINING RING	SS	1075180	1
11	DIAPHRAGM	NBR (BUNA)	1075177 (526-FB)	1
12	DIAPHRAGM PLATE, LOWER, 526	PPE+PS	43051	1
13	DIAPHRAGM PLATE, UPPER, 526	PPE+PS	43050	1
14	CAP, 526	PPE+PS	1075167 (526-BBOK)	1
15	SCREW, 10-32 x 1 1/4", HEX W FLANGE	SS	1072382	12
16	HEX NUT, 10-32	SS	1071648 (NUS-0006)	12

REPAIR KITS AND ASSEMBLY TOOLS		
DESCRIPTION	PART (MODEL) NO.	DETAILS
EDPM SEAL KIT WITH NBR DIAPHRAGM	1070275 (526-RA)	INCLUDES ALL RUBBER PARTS WITHIN THE STANDARD MODEL
FKM SEAL KIT WITH NBR DIAPHRAGM	1070291 (526-RAV)	INCLUDES ALL RUBBER PARTS WITHIN THE STANDARD MODEL
IRR (BUTYL) SEAL KIT WITH NBR DIAPHRAGM	1070283 (526-RAJ)	INCLUDES ALL RUBBER PARTS WITHIN THE STANDARD MODEL
INTERNAL PARTS KIT (NORMALLY OPEN)	1070299 (K526-RF)	CONTAINS INTERNAL PLASTIC PARTS: DISC PLATE, DISC HOLDER, SHAFT, SHAFT GUIDE, LOWER DIAPHRAGM PLATE, AND UPPER DIAPHRAGM PLATE
SHAFT TOOL FOR 521, 524, AND 526	1077837	USED TO HOLD THE SHAFT STATIONARY WHILE REPLACING DIAPHRAGM
DIAPHRAGM PLATE TOOL FOR 526	1075227 (526-Z)	USED TO REMOVE AND INSTALL THE UPPER DIAPHRAGM PLATE

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M -2018.

PRIMARY UNITS SHOWN IN INCHES.
SECONDARY UNITS SHOWN IN MILLIMETERS.

THIRD ANGLE PROJECTION

DEFAULT TOLERANCES:
ANGLES: ± 1°
1 PLACE .X: ± .100 [2.54]
2 PLACE .XX: ± .010 [0.3]
3 PLACE .XXX: ± .005 [0.13]

THE COMPONENT OR PRODUCT DESCRIBED IN THIS DOCUMENT MUST COMPLY WITH RoHS 3 EU (EUROPEAN UNION) DIRECTIVE 2015/863 AND EU REACH REGULATION (EC) 1907/2006.

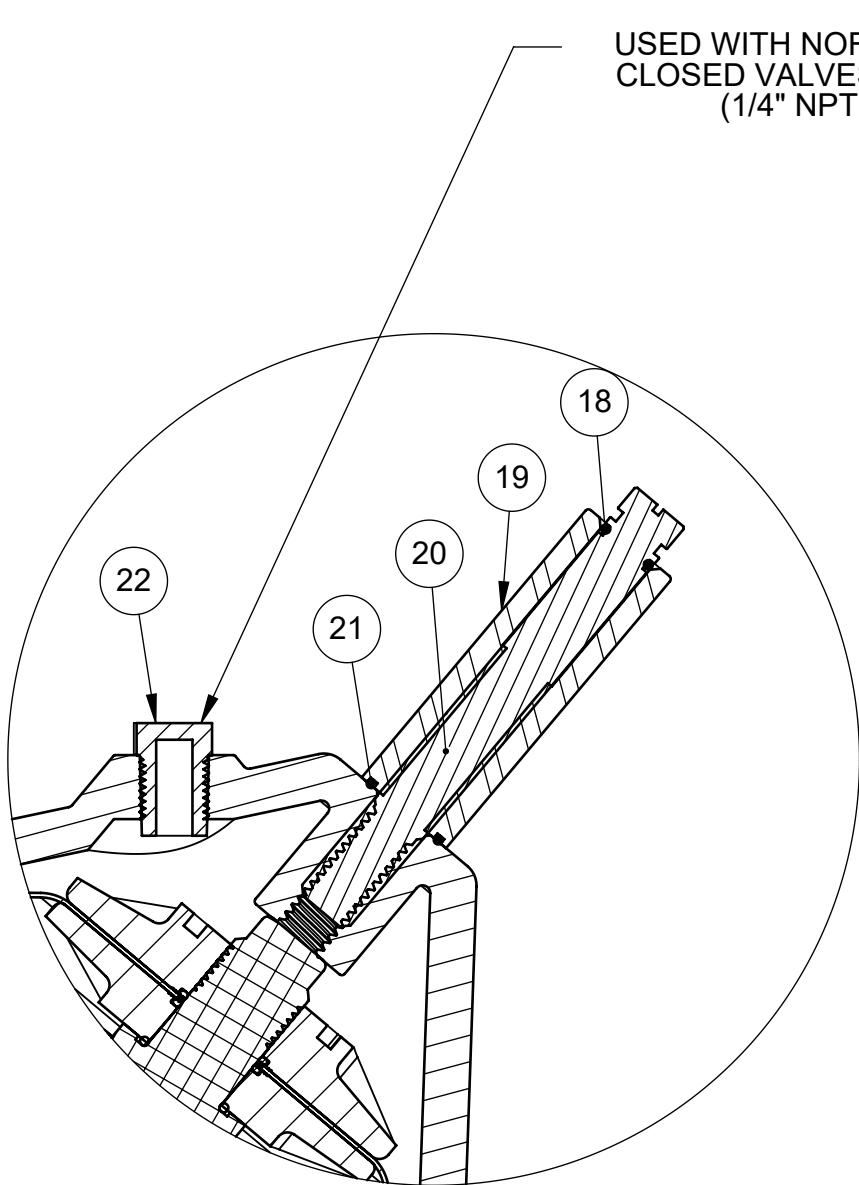
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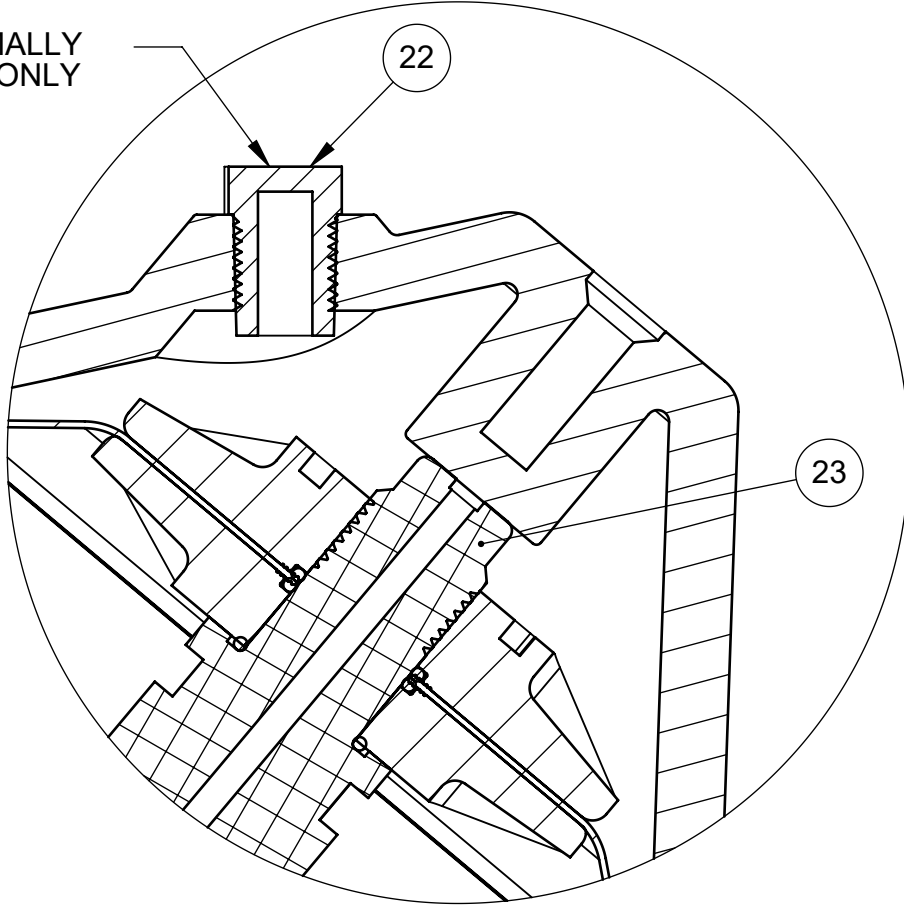
DESCRIPTION
CATALOG SHEET, SERIES 526
DIAPHRAGM VALVE

DWG NO.	1077656	REV.	T
SIZE	C	SCALE	1:1
		SHEET 1 OF 2	

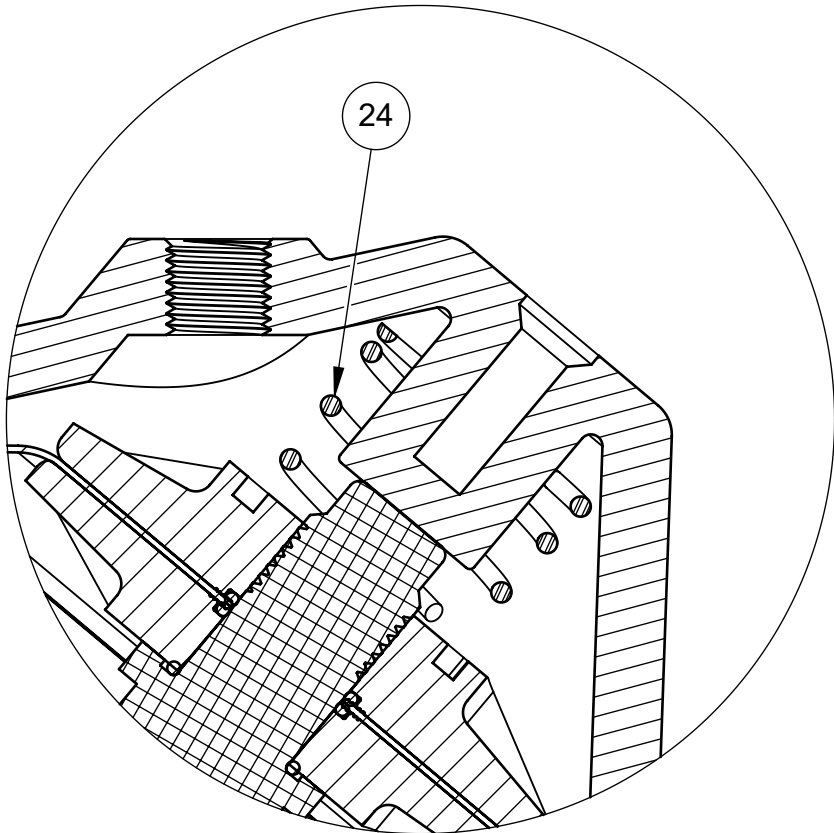
- SEE DRAWING 1081309 FOR THREADED SOCKET WELD ENDS AND THREADED FLANGED ADAPTORS
- SEE SHEET 2 FOR CONFIGURATION OPTIONS



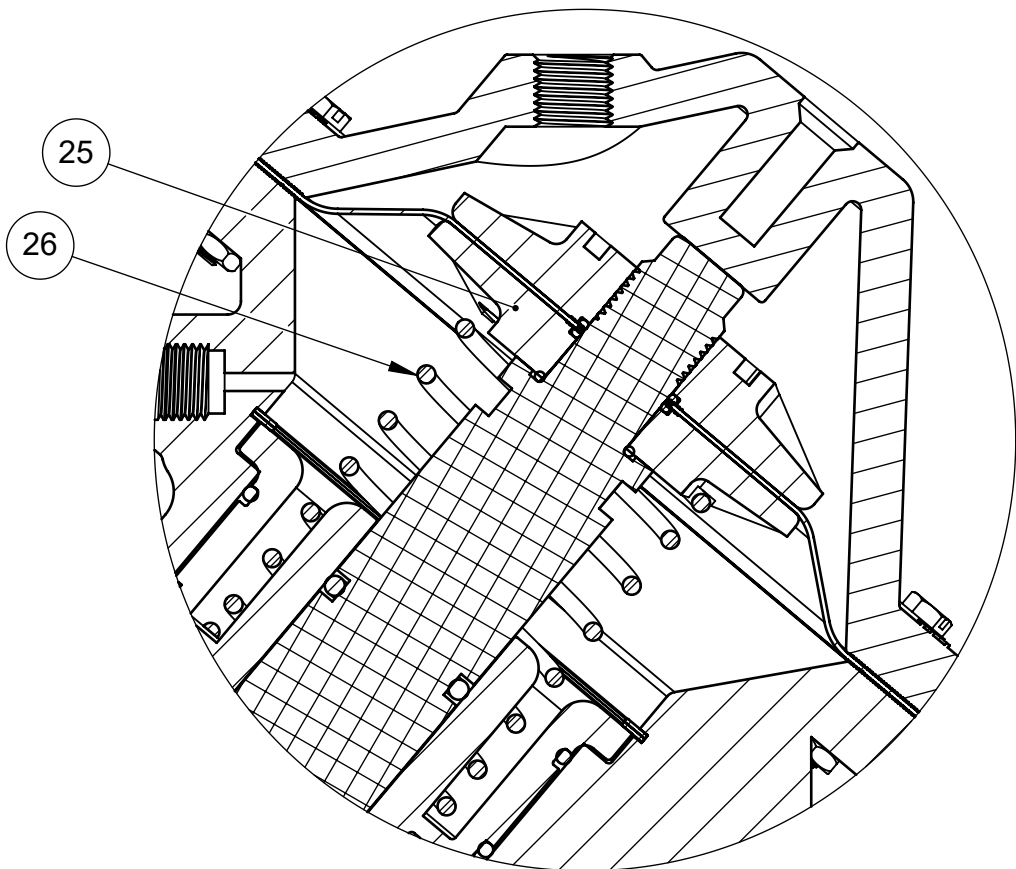
1070181 (K526-X210-14000)
LIMIT STOP



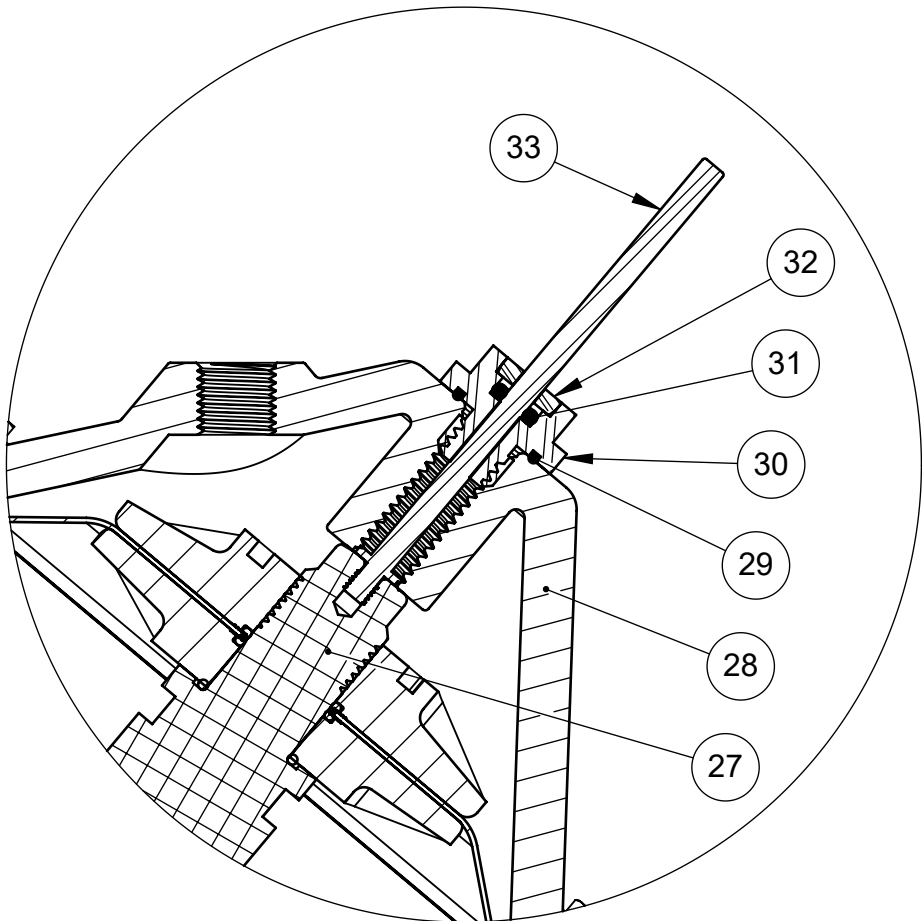
1071256 (K526-X230-14000)
NORMALLY CLOSED



1071246 (K526-X202-14000)
SPRING ASSIST CLOSED



1071242 (K526-X201-14000)
SPRING ASSIST OPEN



1071255 (K526-X221-14000)
POSITION INDICATOR

LIMIT STOP MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
17	CAP, LIMIT STOP	PPE+PS	1075167 (526-BBOK)	1
18	O-RING, 2-012	NBR	1071668	1
19	LIMIT STOP NUT	SS	1075222	1
20	LIMIT STOP SCREW	SS	1075223	1
21	O-RING,-016,BUNA	NBR	1071671	1
22	MALE PIPE PLUG, 1/4"	HDPE	1071913 (PLP-0010)	1

NORMALLY CLOSED MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
22	MALE PIPE PLUG, 1/4"	HDPE	1071913 (PLP-0010)	1
23	SHAFT, 526, NORMALLY CLOSED	PVC	43143	1

SPRING ASSIST CLOSED MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
24	SPRING, COMPRESSION	SS	1075202 (K526-T)	1

SPRING ASSIST OPEN MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
25	LOWER DIAPHRAGM PLATE, 526, SAO	PPE+PS	1075175	1
26	SPRING, COMPRESSION	SS	1267399 (526-SS)	1

POSITION INDICATOR MODEL				
ITEM NO.	DESCRIPTION	MATERIAL	PART NUMBER	QTY.
27	SHAFT, 526, POSITION INDICATOR	PPE+PS	43142	1
28	CAP, LIMIT STOP	PPE+PS	1075167 (526-BBOK)	1
29	O-RING,-016,BUNA	NBR	1071671	1
30	GUIDE HOUSING, 521	SS	1075038	1
31	O-RING, 2-106	NBR	1071687	1
32	PLUG, GUIDE HOUSING, 520	SS	1074971	1
33	ROD, PI, 526	SS	1075184 (526-KD)	1

NOTES:

- POSITION INDICATOR MODEL CANNOT BE COMBINED WITH NORMALLY CLOSED OR LIMIT STOP OPTIONS.
- POSITION INDICATOR MODEL FURNISHED WITH SPRING ASSIST OPEN OPTION.

- SEE DRAWING 1081309 FOR THREADED SOCKET WELD ENDS AND THREADED FLANGED ADAPTORS
- SEE SHEET 1 FOR STANDARD NORMALLY OPEN MODEL

CONVERSION KITS	
DESCRIPTION	PART NO.
CONVERSION KIT (LIMIT STOP) CONSISTS OF ITEM NO'S 18 THRU 22	1071225 (526-LSC)
CONVERSION KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO 24	1075200 (526-SC)
CONVERSION KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO'S 25 & 26	1071227 (526-SO)
CONVERSION KIT (POSITION INDICATOR) CONSISTS OF ITEM NO'S 27 THRU 33	1079674 (K526-PIC)

REPAIR PARTS KITS	
DESCRIPTION	PART NO.
INT. PARTS KIT (LIMIT STOP) CONSISTS OF NO'S 18 THRU 21	1075191 (526-LS)
INT. PARTS KIT (NORM. CLOSED) CONSISTS OF ITEM NO'S 3,4,7,11,12, 23	1071226 (K526-RG)
INT. PARTS KIT (SPRING ASSIST CLOSED) CONSISTS OF ITEM NO. 24	1075200 (526-SC)
INT. PARTS KIT (SPRING ASSIST OPEN) CONSISTS OF ITEM NO'S 25 & 26	1071227 (526-SO)
INT. PARTS KIT (POSITION INDICATOR) CONSISTS OF ITEM NO'S 27 THRU 31, 33	1081804 (526-PI)

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M -2018.

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**AQMATIC**
Valves & Controls

DESCRIPTION
CATALOG SHEET, SERIES 526
DIAPHRAGM VALVE

DWG NO. **1077656**REV. **T**

SIZE **C**SCALE **1:1**SHEET **2 OF 2**