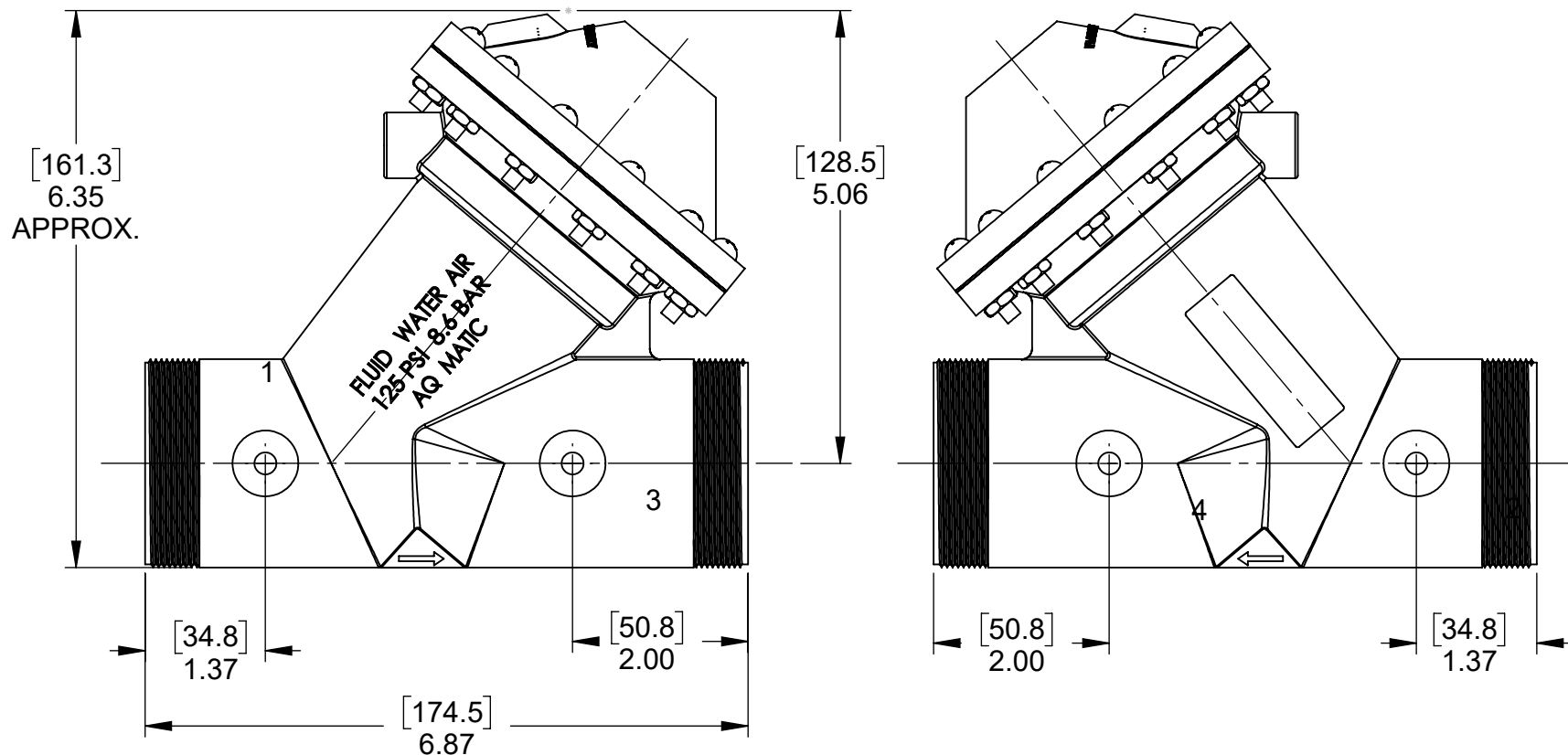


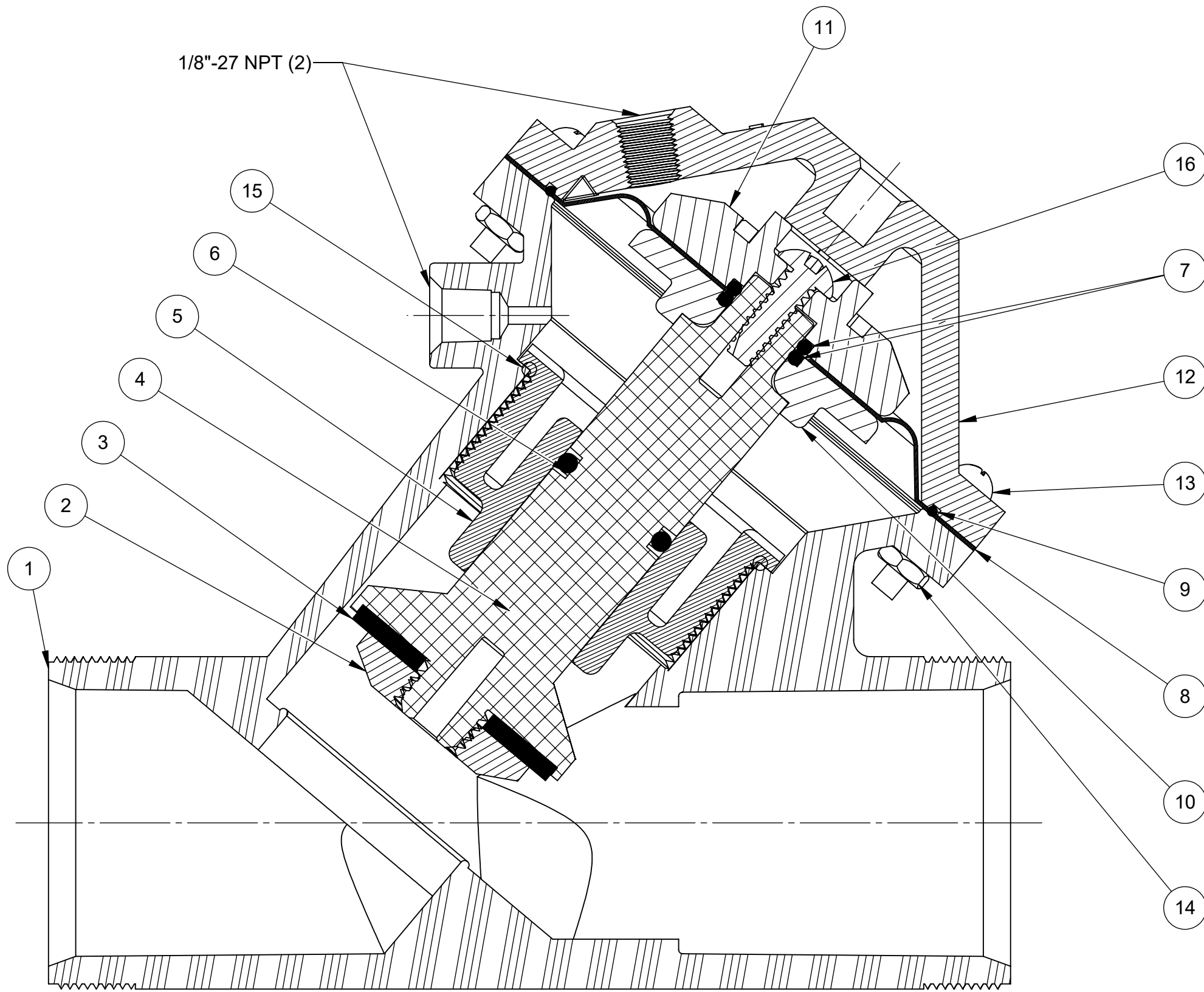
D



ASSEMBLY TOOLS	
DESCRIPTION	PART NO.
FOR INSTALLATION & REMOVAL OF SHAFT GUIDE (ITEM #5)	1075143 (524-Z)
TO HOLD SHAFT (ITEM #4) DURING ASSEMBLY/ DISASSEMBLY	1077837

TORQUE TABLE		
ITEM #	DESCRIPTION	TORQUED TO (+/- 10%)
2	PLATE, DISC	24 IN-LB
5	GUIDE, SHAFT	80 IN-LB
13 & 14	CAP SCREW & NUT	30 IN-LB
16	SCREW, CUTTING	35 IN-LB

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1070168 (K524-X200-14000)
NORMALLY OPEN (STANDARD)

- SEE DRAWING 1081309 FOR UNION END CONNECTORS AND GROOVED ADAPTORS
- SEE DRAWING 1078150 FOR THREADED SOCKET WELD ENDS AND THREADED FLANGED ADAPTORS
- SEE SHEET 2 FOR CONFIGURATION OPTIONS

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]

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DESCRIPTION			
CATALOG SHEET, 524, VALVE			
DWG NO.	1077655	REV.	R
SIZE	C	SCALE	1:2
		SHEET 1 OF 2	

REVISIONS

ECN	REV	DESCRIPTION	DATE	APPROVED
1001	K	AQ MATIC BRANDING UPDATE, AQ DRAWING TEMPLATE CONVERSION	01/17/17	MGS
1507	L	AQ MATIC BRANDING UPDATE, CORRECT ERRORS, ADD TORQUE TABLE	05/03/19	KJB
	M	RESTRUCTURE CATALOG SHEET	4/14/21	TRK
2357	N	UPGRADED ITEM #16	2/23/2024	RFT
2505	P	CATALOG SHEET UPDATE ITEM 27 AND 34	1/21/2025	TRK
2618	R	REPAIR KIT CORRECTION	10/30/2025	PMJ

NORMALLY OPEN MODEL

ITEM NO.	DESCRIPTION		PART NUMBER	QTY.
1	BODY, VALVE, 524	NORYL	1075079 (524-AK)	1
2	PLATE, DISC, 524	NORYL	1076198	1
3	DISC	EPDM	1075107 (524-J)	1
		BUTYL	1075108 (524-JJ)	
		FKM	1075109 (524-JV)	
4	SHAFT, 524	NORYL	1076205	1
5	GUIDE SHAFT, SERIES 5524	NORYL	1075106 (524-GK)	1
6	O-RING, 2-210	BUTYL	1071776	1
		EPDM	1071744 (ORE-210)	
		FKM	1071815 (ORV-210)	
7	O-RING, 2-113	EPDM	1071728 (ORE-113)	2
8	DIAPHRAGM, 524	BUNA	1078393 (524-FB)	1
		FKM	1075105 (524-FV)	
9	O-RING, 2-043	BUNA	1071686 (ORB-043)	1
10	PLATE, DIAPHRAGM, LOWER, 524	NORYL	1076197	1
11	PLATE, DIAPHRAGM, UPPER, 524	NORYL	43041	1
12	CAP, 524, VALVE	NORYL	1075086	1
13	SCREW, #10-32 X 1", RND HD	SS	1072381 (SCS-0097)	12
14	HEX NUT, 10-32	SS	1071648 (NUS-0006)	12
15	O-RING, 2-137	EPDM	1071735 (ORE-137)	1
		BUTYL	1071771 (ORJ-137)	
		FKM	1071807 (ORV-137)	
16	SCREW, 1/4"-14 x .75", CUTTING TYPE BT	SS	1077101	1

REPAIR PARTS KITS

DESCRIPTION	PART NO.	
DIAPHRAGM & SEALS KIT CONSISTS OF ITEM NO'S 3,6,7(2),8,9,15	1070274 (524-RAN) E.P.D.M. INCLUDES DIAPHRAGM 1078393 (524-FB)	1077592 (524-RAJN) BUTYL INCLUDES DIAPHRAGM 1078393 (524-FB)
	1070290 (524-RAVN) VITON INCLUDES DIAPHRAGM 1078393 (524-FB)	1077593 (524-RAVFN) VITON INCLUDES DIAPHRAGM 1075105 (524-FV)
INT. PARTS KIT (NORM. OPEN) CONSISTS OF ITEM NO'S 2,4,5,10,11,16	1070298 (K524-RFN)	

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