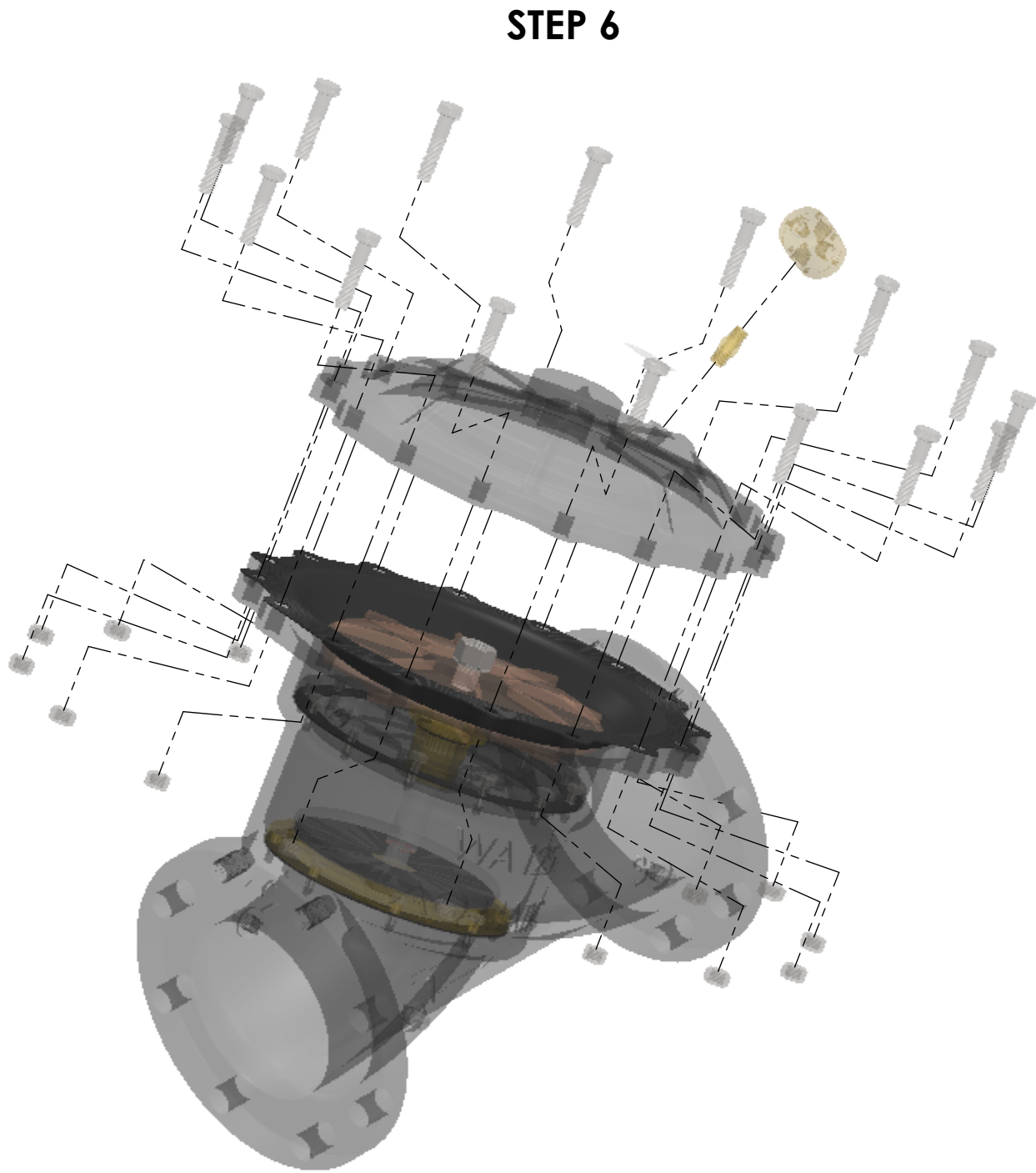
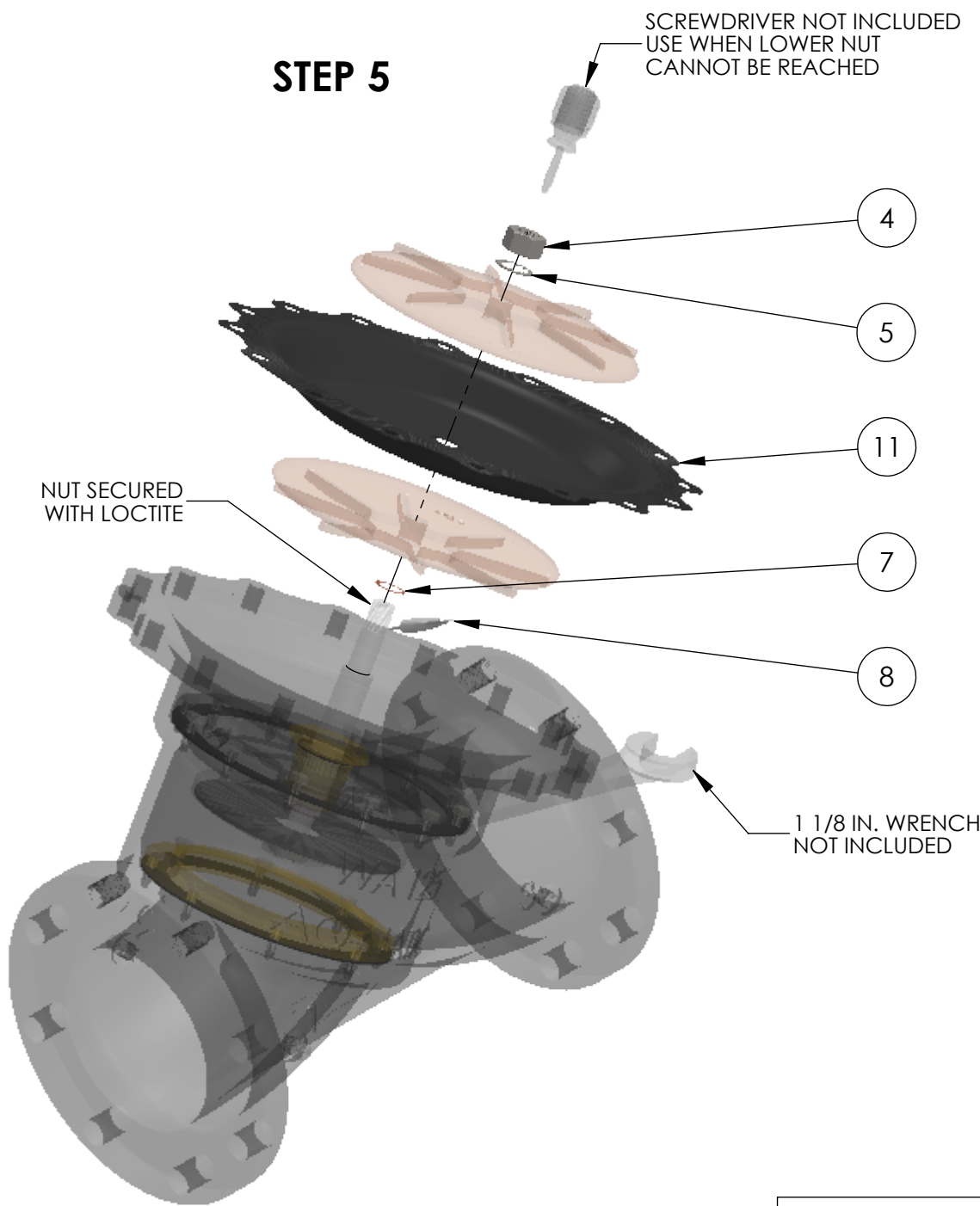
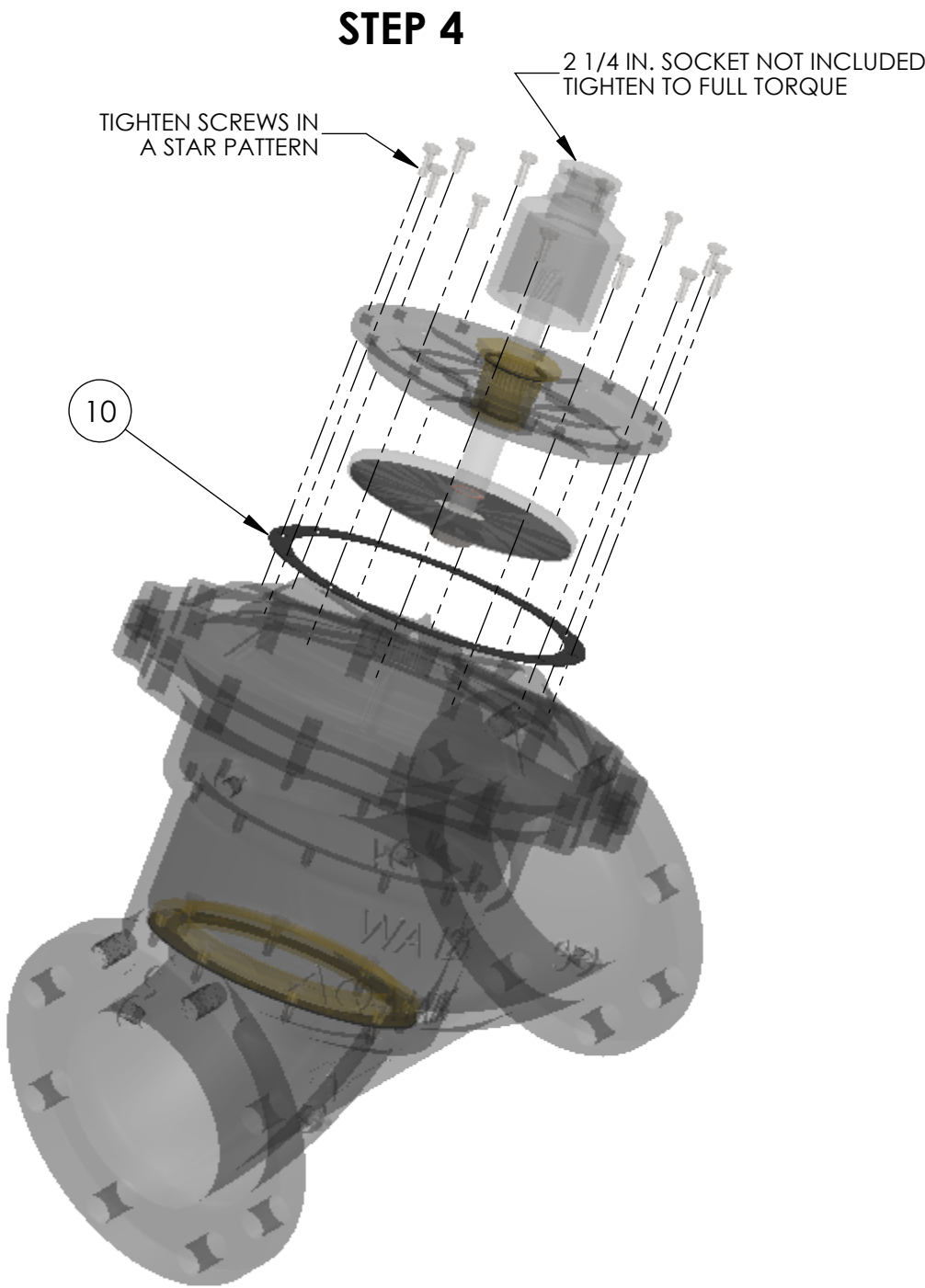
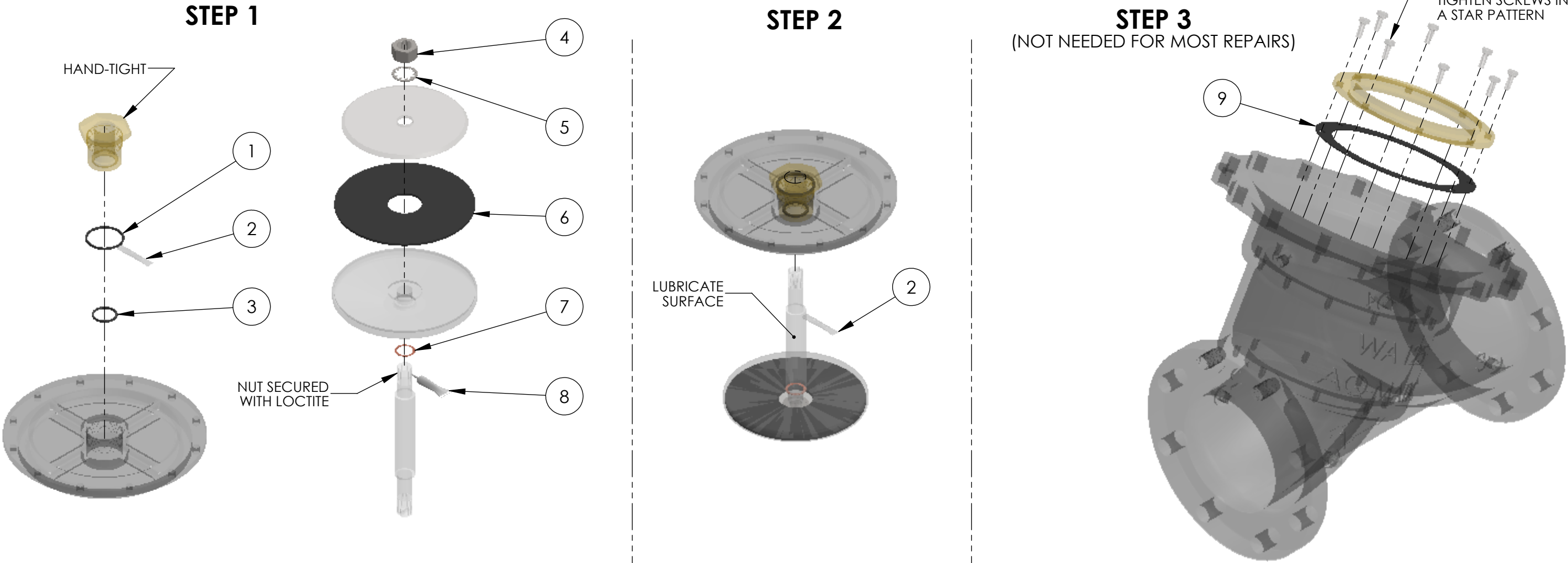


ITEM NO.	PART NO.	MODEL	DESCRIPTION	QTY.
1	1071820	ORV-223	O-RING, 2-223	1
2	42561	-	LUBRICANT,SILICONE,PACKET	1
3	1071817	ORV-214	O-RING,-214, FKM	1
4	3001991	-	NUT,HEX,3/4-16,SS	2
5	1073592	WAS-0011	LOCKWASHER,3/4,SS	2
6	1074633	429-JV	DISC,429,FKM	1
7	1073952	201-M	GASKET,COPPER,110-COA	2
8	1262436	-	LOCTITE 565 POLYTUBE	1
9	1074643	429-NV	GASKET,429,SEAT,FKM	1
10	1074645	429-OV	GASKET,429,CTRG PLATE,FKM	1
11	1074623	429-FV	DIAPHRAGM,429,FKM	1

1070099 DIAPHRAGM & SEAL KIT
ASSEMBLY INSTRUCTION
MODEL NO. 429-RAV



- NOTES:
- ALL O-RINGS MUST BE INSTALLED WITH 42561 SILICONE LUBRICANT.
 - ACTUAL TORQUE MAY BE WITHIN 10% OF NOMINAL VALUE IN TABLE.
 - TIGHTEN SEAT, GUIDE, AND CAP SCREWS IN A STAR PATTERN TO ASSURE EVEN COMPRESSION ON GASKETS AND DIAPHRAGM.

TORQUE TABLE	
PART	TORQUE
SEAT & GUIDE SCREWS	11.7 FT-LBS
UPPER SHAFT NUT	49 FT-LBS
LOWER SHAFT NUT	49 FT-LBS
SHAFT GUIDE	10 FT-LBS
CAP SCREWS & NUTS	49 FT-LBS

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

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

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.

THIS DOCUMENT IS SOLELY THE PROPERTY OF AQ-MATIC. REPRODUCTION, USE DISCLOSURE, OR TRANSMISSION OF THIS DOCUMENT OR DETAILS CONTAINED HEREIN, IN PART OR IN WHOLE, IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF AQ-MATIC ENGINEERING. THIS DOCUMENT AND ANY COPIES SHALL BE RETURNED TO AQ-MATIC UPON WRITTEN REQUEST.

AQMATIC
Valves & Controls

DESCRIPTION
KIT,429,D&S,FKM

DWG NO. **1070099** REV. **A**

SIZE **C** SCALE **1:5** SHEET **1 OF 1**