

140 IN/LBS

**TORQUE TABLE** 

(40)

(38)

(39)

DESCRIPTION

NUT, SPRG RETAINER

**NUT, LIMIT STOP** 

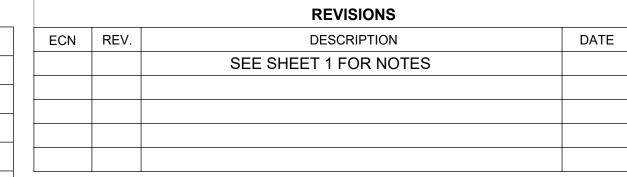
NUT, TOP, 428, PI

PI ROD GUIDE

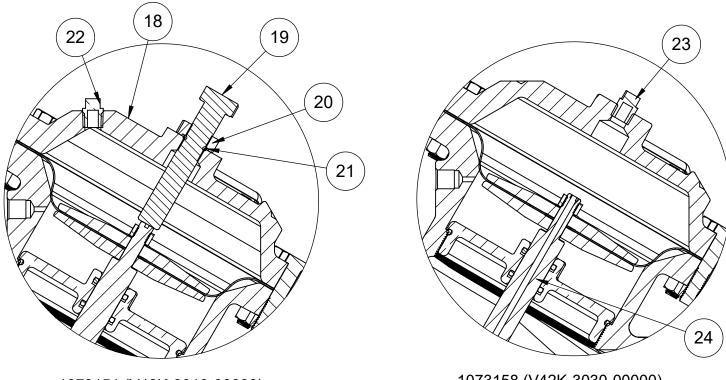
APP'D

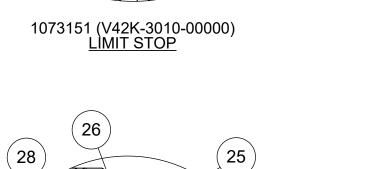
D

BLE	ECN	REV.	
TORQUED TO (+/- 10%)			SEE SHEE
140 IN/LBS			
140 IN/LBS			
140 IN/LBS			



**LIMIT STOP MODEL** 

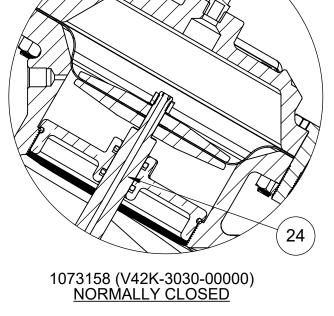


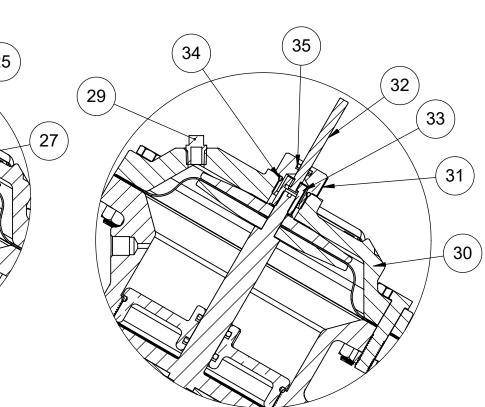


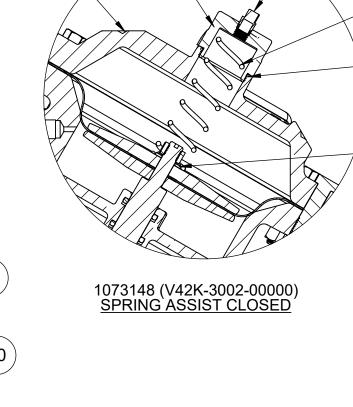
1073146 (V42K-3001-00000) SPRING ASSIST OPEN

D

В







ITEM#

20

31

33

37

36

1073156 (V42K-3021-00000)
POSITÌON INDICATOR (
FOSITION INDICATOR

REPAIR PARTS KITS		
DESCRIPTION	PART NO.	
INT. PARTS KIT (LIMITED STOP) CONSISTS OF STANDARD ITEM NO'S 19, 20, 21	1074583 (428-LS)	
INT. PARTS KIT (NORM. CLOSED) CONSISTS OF STANDARD ITEM NO'S 5(2), 7, 9, 10(2), 24	1070134 (428-RG)	
INT. PARTS KIT (SPRING ASSIST CLOSED) CONSISTS OF STANDARD ITEM NO'S 38, 39, 41	1074602 (428-SC)	
INT. PARTS KIT (SPING ASSIST OPEN) CONSISTS OF STANDARD ITEM NO'S 26, 27, 28	1074604 (428-SO)	
INT. PARTS KIT (POSTION INDICATOR)CONSISTS OF STANDARD ITEM NO'S 10(2), 31 THRU 35	1074591 (428-PI)	

CONVERSION KITS					
DESCRIPTION	PART NO.				
CONVERSION KIT (LIMITED STOP) CONSISTS OF STANDARD ITEM NO'S 18, 19, 20, 21	1074584 (428-LSC)				
CONVERSION KIT (SPRING ASSIST CLOSED) CONSISTS OF STANDARD ITEM NO'S 36 THRU 41	1074603 (428-SCC)				
CONVERSION KIT (SPRING ASSIST OPEN) CONSISTS OF STANDARD ITEM NO'S 26, 27, 28	1074606 ( 428-SOC)				
CONVERSION KIT (POSITION INDICATOR) CONSISTS OF STANDARD ITEM NO'S 10(2), 29 THRU 35	1074592 (428-PIC)				

## NOTE:

- 1. SPRING ASSIST CLOSED MODEL CANNOT BE COMBINED WITH LIMITED STOP OR POSITION INDICATOR MODELS.
- 2. VALVES AVAILABLE WITH B.S.P. END CONNECTIONS.

	FIIVII	1 310P MODEL			
ITEM NO.	DESCRIPTION		STD.	PART NUMBER	QTY.
18	CAP, 428, LS	CAST IRON	*	1074542	1
19	SCREW, 5/8-18 X 3.50 HEX HD.	STAINLESS STEEL	* .	1072365	1
20	NUT, LIMIT STOP	STAINLESS STEEL	* .	1074434	1
21	O-RING, 2-112	NITRILE	* .	1071690	1
22	MALE PIPE PLUG, 1/4 NPT	PLATED STEEL	* .	1071918 (PLZ-0008)	1
	NORMAL	LY CLOSED MODE		,	
ITEM NO.	DESCRIPTION		STD.	PART NUMBER	QTY.
23	MALE PIPE PLUG, 1/4 NPT	PLATED STEEL	*	1071918 (PLZ-0008)	1
24	NORMALLY CLOSED COMBINATION SHAFT	STAINLESS STEEL	*	4510302-02 (428-LLA)	1
	SPRING A	SSIST OPEN MOD	EL		
ITEM NO.	DESCRIPTION		STD.	PART NUMBER	QTY.
25	MALE PIPE PLUG, 1/4 NPT	PLATED STEEL	*	1071918 (PLZ-0008)	1
26	WASHER	BRASS	*	1074610	1
27	GASKET, CDA 110	COPPER	*	1073950	1
28	SPRING, COMPRESSION	STAINLESS STEEL	*	1074600	1
	POSITION	I INDICATOR MOD	EL		l
ITEM NO.	DESCRIPTION	I	STD	. PART NUMBER	QTY
29	MALE PIPE PLUG, 1/4 NPT	PLATED STEEL	*	1071918 (PLZ-0008)	1
30	CAP, 428, PI	CAST IRON	*	1074549	1
31	PI ROD GUIDE, V42	BRASS	*	1074121	1
32	SHAFT, 428	STAINLESS STEEL	. *	1074593	1
33	NUT, TOP, 428, PI	BRASS	*	1074608	1
34	O-RING, 2-116	BUNA-N	*	1071692	1
35	O-RING, 2-108, TEFLON COAT	BUNA N	*	1071688	1
	SPRING AS	SSIST CLOSED MO	DEL		
ITEM NO.	DESCRIPTION		STD.	PART NUMBER	QTY
36	CAP, 428, CI	CAST IRON	*	1074540 (428-CC)	1
37	NUT, SPRING RTNR	STAINLESS STEEL	*	1074433	1
38	COMPRESSION SPRING, 428 SAC	STAINLESS STEEL	*	1074607	1
39	O-RING, 2-025	BUNA N	*	1071677 (ORB-025)	1
40	MALE PIPE PLUG, 1/8" NPT	BRASS	*	1071903	1
41	WASHER, CENTERING, BRASS	BRASS	*	1074530	1

THE COMPONENT, PART, OR ASSEMBLY DESCRIBED IN THIS DOCUMENT MUST COMPLY WITH THE EU (EUROPEAN UNION) DIRECTIVE: RoHS DIRECTIVE 2011/65/EC,

SCALE 1:5 | SOLIDWORKS FORMAT

DATE

10/27/20

SIZE

APPROVALS

TRK

DRAWN

CHECKED BY

APPROVED

SEE REVERSE SIDE FOR STANDARD NORMALLY OPEN MODEL

UNLESS OTHERWISE SPECIFIED: CORNER FILLETS R.005-.020 [.127-.508] TOLERANCES:
ANGLES: ± 1°
1 PLACE .X: ± .100 [2.54]
2 PLACE .XX: ± .010 [0.25]
3 PLACE .XXX: ± .005 [0.13]

REQUEST.

SHEET 2 OF 2

REV.

CATALOG SHEET, 428 DIAPHRAGM VALVE STANDARD MODEL

1077618

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

DO NOT SCALE DRAWING. DIMS. ARE IN INCHES [mm]
INTERPRET DIMS AND TOLERANCES PER ASME Y14.5M -1994

DOCUMENT AND ANY COPIES SHALL BE RETURNED TO AQ-MATIC UPON WRITTEN