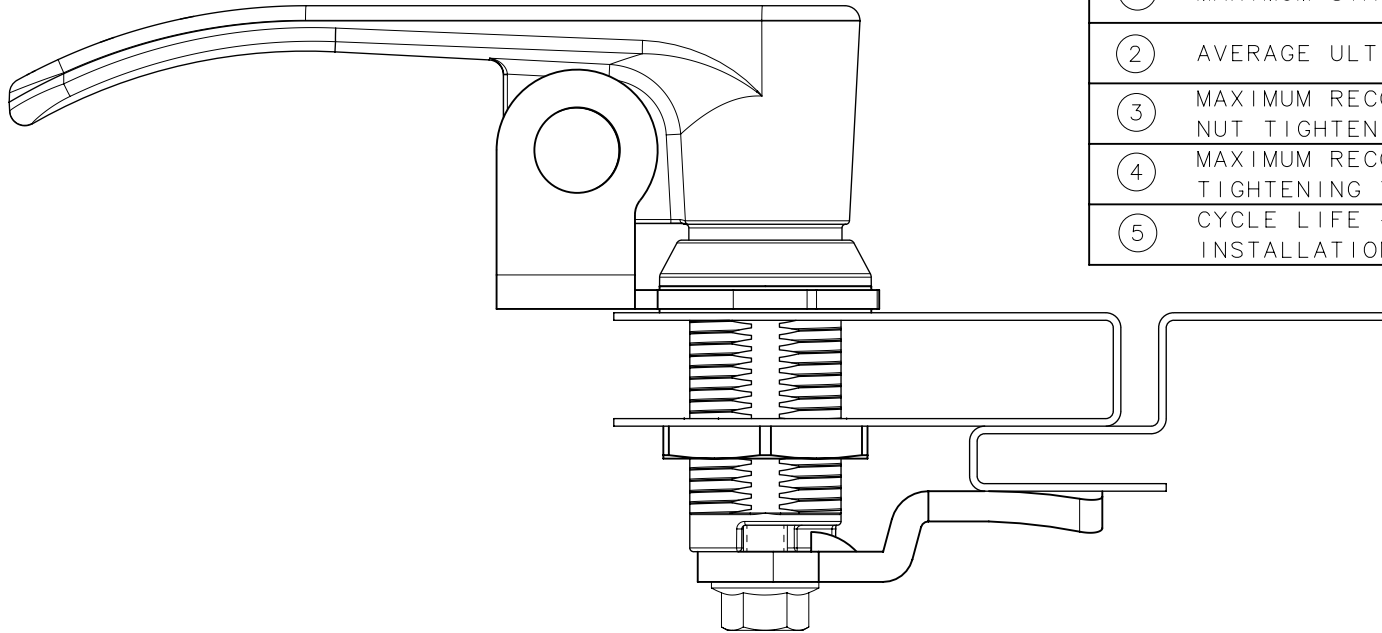


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
C	15DEC2022	VBC/LCR	PRN: P2022-2184

SOUTHCO PERFORMANCE GUIDELINES

THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION



TEST DESCRIPTION	E5-7A-WWX-UUY-1K
① MAXIMUM STATIC LOAD	330 N
② AVERAGE ULTIMATE LOAD	430 N
③ MAXIMUM RECOMMENDED MOUNTING NUT TIGHTENING TORQUE	10 N-m
④ MAXIMUM RECOMMENDED CAM SCREW TIGHTENING TORQUE	5 N-m
⑤ CYCLE LIFE - SINGLE POINT INSTALLATION	15,000 AT 67 N

NOTES:

1. MAXIMUM STATIC LOAD IS THE MAXIMUM RECOMMENDED LOAD AFTER ONE TIME APPLICATION AND REMOVAL OF WHICH THE PRODUCT CONTINUES TO FUNCTION PROPERLY.
2. AVERAGE ULTIMATE LOAD IS THE AVERAGE LOAD THAT CAUSES FAILURE OR EXCESSIVE DEFORMATION WHICH RENDERS THE PRODUCT INOPERABLE.
3. FAILURE OCCURRED WHEN THE PHILLIPS RECESS STRIPPED.
4. FAILURE OCCURRED WHEN THE THREADS OF THE HOUSING STRIPPED.
5. SINGLE POINT (L-HANDLE LATCH ONLY) CYCLE TESTING WAS CONDUCTED AS FOLLOWS: 5,000 CYCLES AT -35°C, 5,000 AT AMBIENT, AND 5,000 CYCLES AT 65°C.

CPB NUMBER 2017-1147	THIRD ANGLE PROJECTION	southco [®] CONNECT • CREATE • INNOVATE	
	MILLIMETERS [IN]		
	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION E5 CAM LATCH ASSEMBLY, EXTENDED HOUSING, L-HANDLE, PADLOCKABLE	
	UP TO 0.5 ±0.05	SIZE A4	SYSTEM NX
	OVER 0.5 UP TO 6 ±0.1	DWG NO. TD-E5-7A-J	
	OVER 6 UP TO 30 ±0.2		
	OVER 30 ±0.3		
PROPRIETARY ITEM EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	ANGLES ±1°		
	PER ASME Y14.5M-1994	DRAWN BY IR/	DATE 07SEP2020
		SCALE NONE	SHEET 1 OF 1

REF: trE5-34074