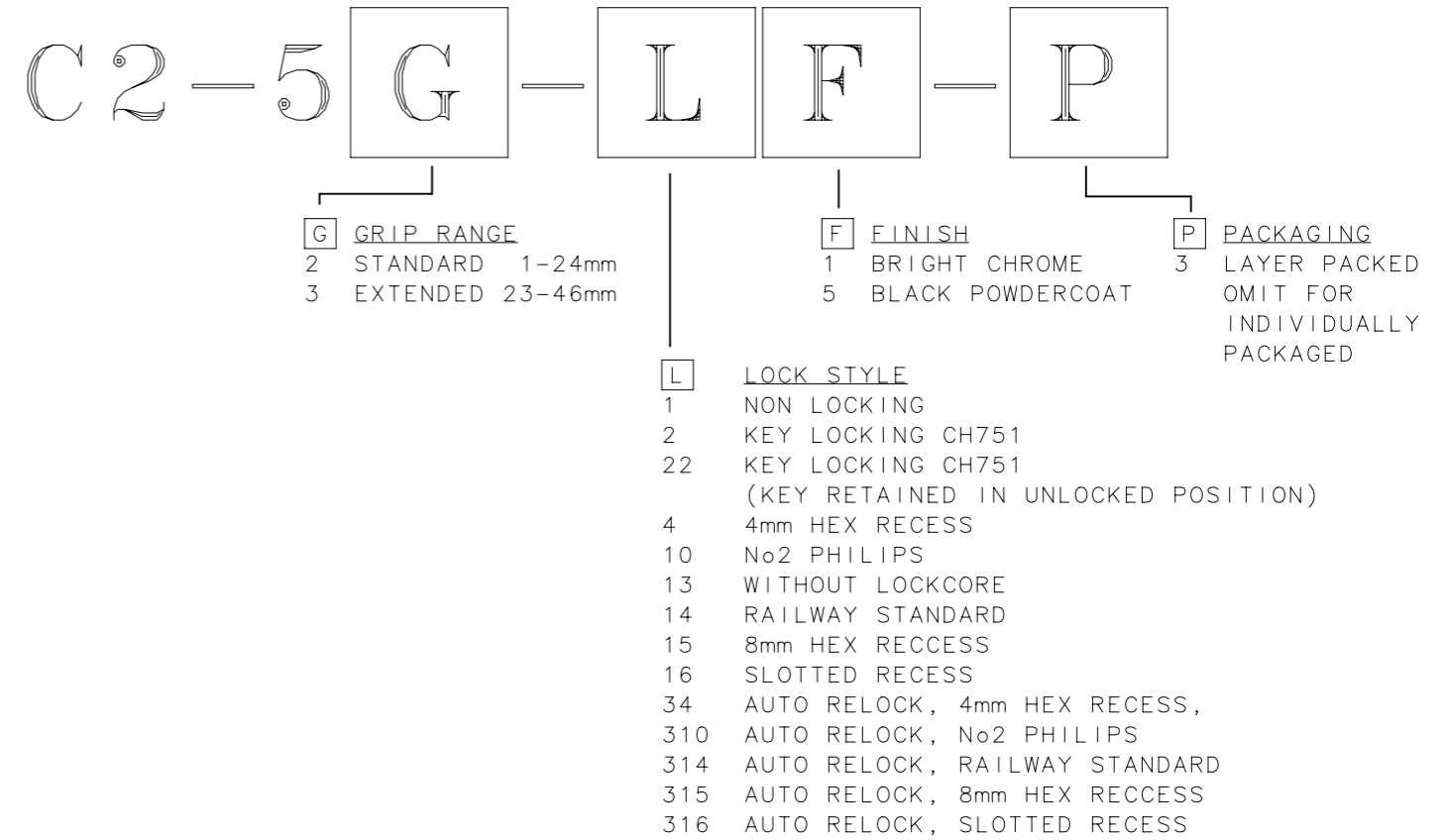


SOUTHCO PERFORMANCE GUIDELINES

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 OR 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

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
B	03AUG2022	JEM/AJT	PRN: P2022-1383



SPECIFICATION	RESULT	REF
RECOMMENDED PAWL LOAD (FOR ACTUATION)	200 N (45 lbf)	A
AVERAGE ULTIMATE PAWL LOAD	2000 N (450 lbf)	B
MAXIMUM MOUNTING BOLT TORQUE	4.5 N.m (40 lbf.in)	C
MAXIMUM JAM NUT TORQUE	4 N.m (35 lbf.in)	D
LEVER OPEN/CLOSE CYCLE LIFE AT RECOMMENDED PAWL LOAD	10,000	E
AUTO RELOCK MECHANISM OPEN/CLOSE CYCLE LIFE AT RECOMMENDED PAWL LOAD	10,000	F

DEFINITIONS

RECOMMENDED PAWL LOAD (FOR ACTUATION)

MAXIMUM FORCE APPLIED TO THE PAWL WHICH ALLOWS REASONABLE ACTUATION FORCES FOR THE USER.

AVERAGE ULTIMATE PAWL LOAD

LOAD CAUSES FAILURE OF THE PRODUCT OR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE.

MAXIMUM MOUNTING BOLT TORQUE

TORQUE THAT STRIPPED THE HEAD OF THE MOUNTING SCREW.

MAXIMUM JAM NUT TORQUE

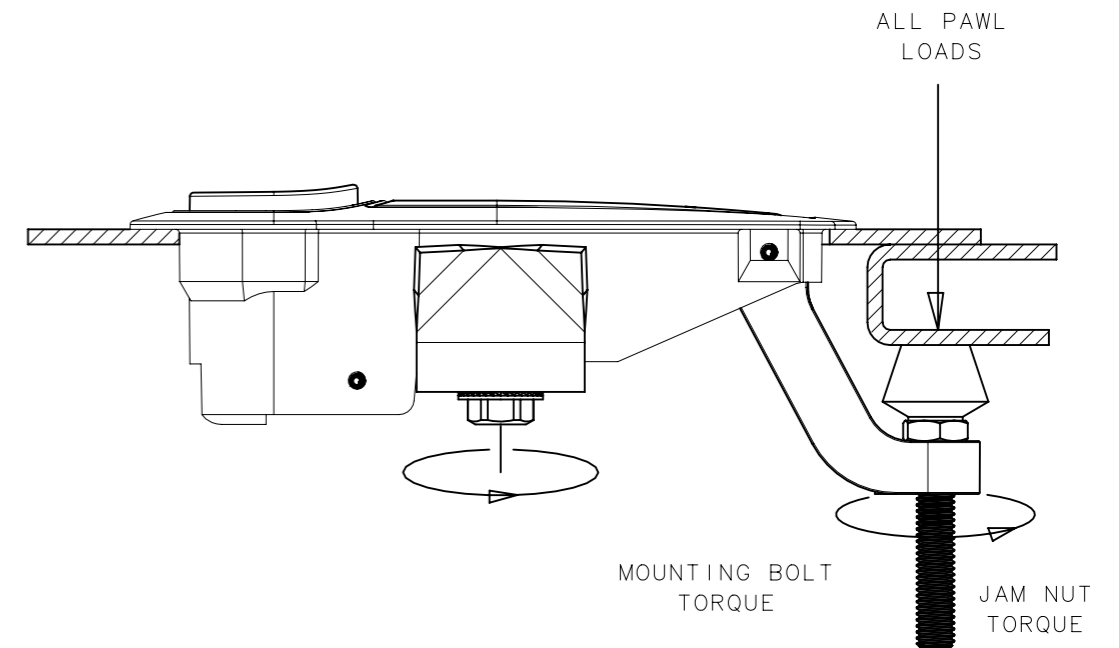
TORQUE THAT FAILED THE INTERNAL THREADS IN THE PAWL.

LEVER OPEN/CLOSE CYCLE

TESTED WHILE UNDER 200N PAWL LOAD,

AUTO RELOCK MECHANISM

TESTED BY OPENING WITH TOOL AND AUTO RETURNING TO HOME POSITION



REF	REPORT
A	trC2-44915, trC2-44916 trC2-44917, trC2-44918,
B	trC2-34396
C	trC2-34396
D	trC2-34396
E	trC2-44915, trC2-44916 trC2-44917, trC2-44918,
F	trC2-48121, trC2-49102

CPB NUMBER 2015-1278	THIRD ANGLE PROJECTION	southco [®] CONNECT · CREATE · INNOVATE	
	MILLIMETERS [IN]		
SURFACE AREA -	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION C2 ADJUSTABLE LEVER LATCH	
VOLUME -	ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.	SIZE A3	SYSTEM NX
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		DRAWN BY JEM	SCALE 1:1
			SHEET 1 OF 1