

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.

REV	DATE	DESCRIPTION
A	03NOV2008	IR/DLH RELEASED FOR PRODUCTION
B	25NOV2008	IR/ACH PRN: P2008-1345
C	04 FEB 09	IR/ACH PRN: P2009-0162
D	22SEP2014	CMS/BGL PRN: P2014-1872
E	03AUG2016	CMS/LOCK PRN: P2016-1781
F	08OCT2018	CMS/CDW PRN: P2018-2334

DRAWING NUMBER	DRAWING CHKD	SCALE	DATE	DRAWN	IR	ACH	DNS	FINISH/COLOR	DESCRIPTION	MATERIAL	DESCRIPTION	HANDLE COVER	DESCRIPTION	MATERIAL	FINISH/COLOR	DESCRIPTION	HANDLE COVER	DESCRIPTION	MATERIAL	FINISH/COLOR	
J-H3-50-101-1			15 MAY 08						SWINGHANDLE LATCH, MULTI POINT, GEARBOX, OUTDOOR, 25x125 SIZE	ZAMAC 3	BLACK POWDERCOAT	DISC SPRING	STEEL	STEEL		DISC SPRING	STEEL				
											NATURAL	NATURAL	STAINLESS	PASSIVATED							
											CHROME PLATE	NATURAL/BLACK	BUNA-N	BUNA-N							
											NATURAL/BLACK	NATURAL/BLACK									

DRAWING NUMBER: J-H3-50-101-1
 MILLIMETERS
 ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
 A3 PAPER SIZE
 THIRD ANGLE PROJECTION
 SHEET 1 OF 2

PART NUMBER: H3-50- A LL -1 FF

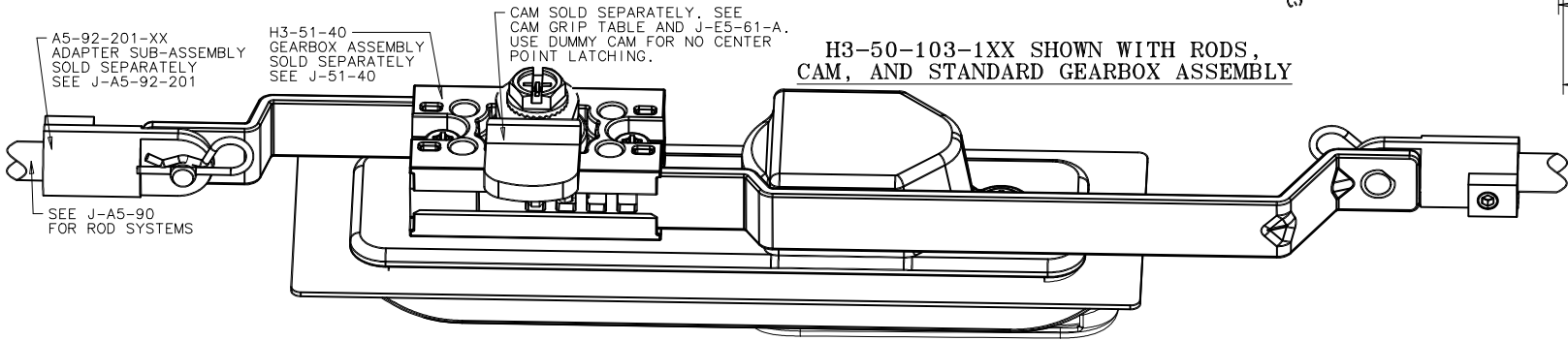
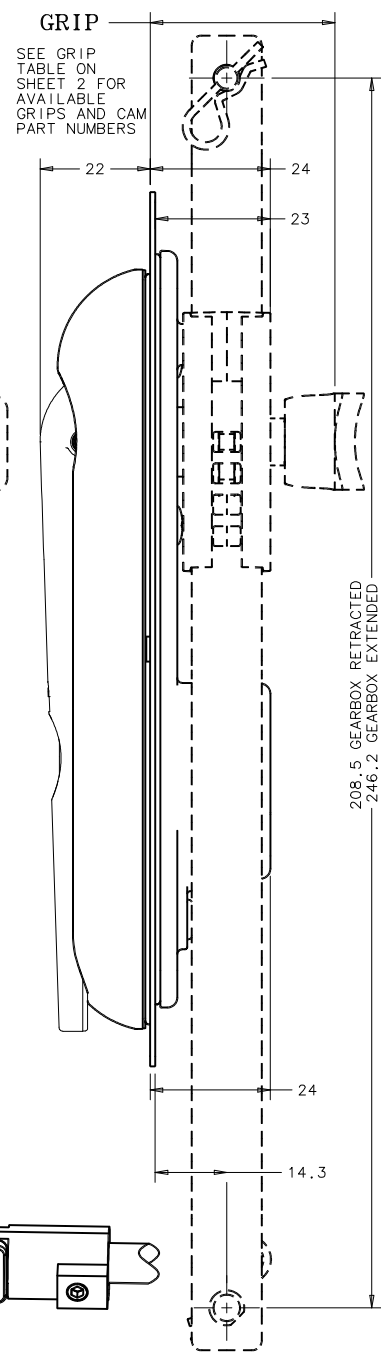
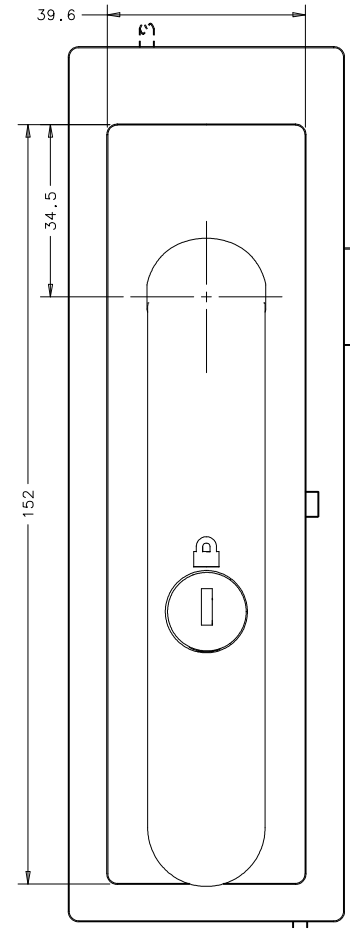
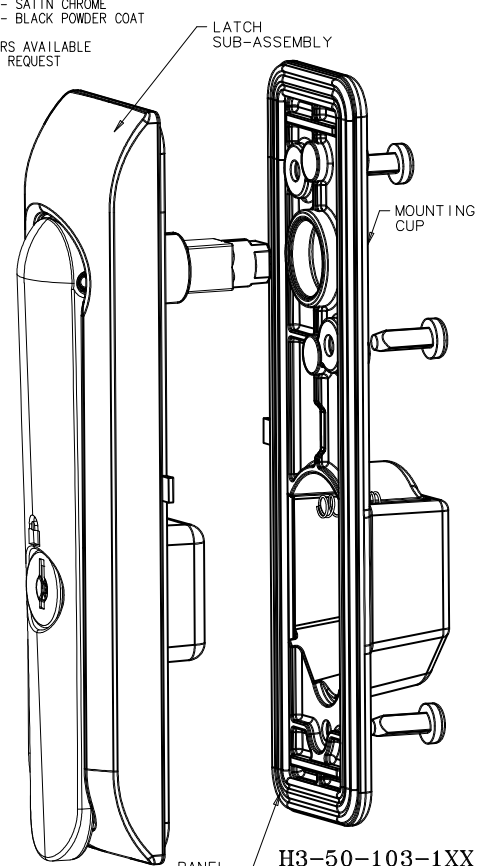
- PADLOCK/SERIES:**
- 1 = NO PADLOCK, MULTIPOINT, GEARBOX
 - 2 = PADLOCK, MULTIPOINT, GEARBOX
 - 3, 4 = ACTUATOR VERSIONS
- LOCKING OPTIONS:**
- 00 = NO LOCK PROVIDED (DIN ONLY)
 - 02 = 300
 - 03 = 333
 - 04 = NON LOCKING
 - 20 = NON LOCKING DIN WITH DETENT
 - 21 = DIN GH751
 - 22 = DIN 300
 - 23 = DIN 333
 - 24 = DIN W/O LOCK PLUG
 - 40 = TOOL, 3mm DOUBLE BIT
 - 41 = TOOL, 5mm DOUBLE BIT
 - 42 = TOOL, TELCORDIA 216 (BELLCORE)
 - 43 = TOOL, ELECTRONICS KEY
 - 47 = TOOL, 8mm TRIANGLE
 - 70 = DIN TOOL, 3mm DOUBLE BIT
 - 71 = DIN TOOL, 5mm DOUBLE BIT
 - 72 = DIN TOOL, TELCORDIA 216
 - 73 = DIN TOOL, ELECTRONICS KEY
 - 77 = DIN TOOL, 8mm TRIANGLE
 - 78 = DIN TOOL, 7mm SQUARE
- ASSEMBLY FINISH:**
- 44 = SATIN CHROME
 - 50 = BLACK POWDER COAT
- OTHERS AVAILABLE UPON REQUEST

GRIP TABLE
CAM
PART No. E5-61YY

YY	GRIP	YY	GRIP
09	24.9	16	38.9
10	26.9	17	40.9
11	28.9	18	42.9
12	30.9	19	44.9
13	32.9	20	46.9
14	34.9	21	48.9
15	36.9	22	50.9

SEE J-E5-61-A (FLAT CAM)
 SEE J-E5-71 (ROLLER CAM)

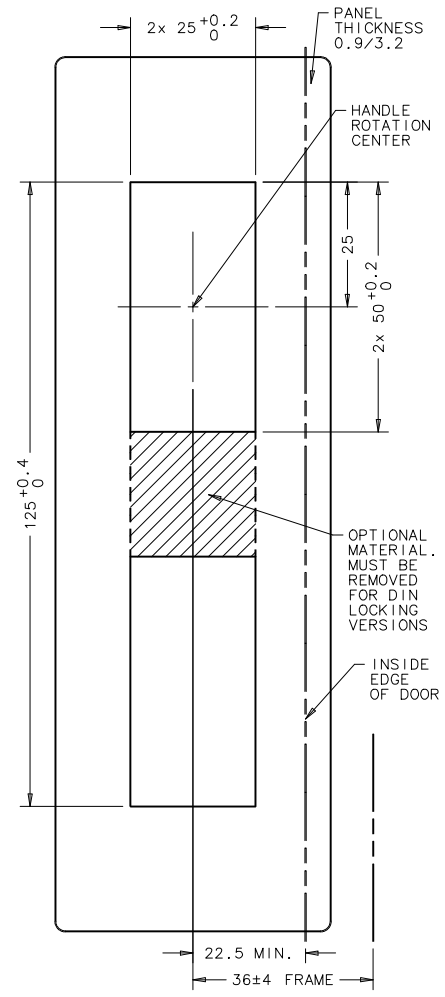
SEE SHEET 2 FOR VIEW OF DIN AND TOOL ACCESS VERSIONS



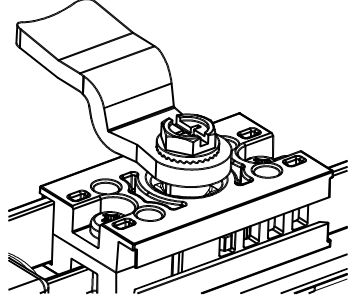
southco		PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION IS UNCLASSIFIED HEREON IS CONFIDENTIAL AND ALL RIGHTS RESERVED BY SOUTHCORE, INC.	
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F	08OCT2018	CMS/CDW	PRN: P2018-2334

DRAWING NUMBER J-H3-50-101-1		SCALE DN5	
MILLIMETERS		FINISH/COLOR	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		Z INC PLATE	
A.3 THIRD ANGLE PROJECTION		MATERIAL	
PAPER SIZE		STEEL	
SHEET 2 OF 2		STAINLESS	
		PASSIVATED	
		BUNA-N	
		NATURAL/BLACK	
DRAWING TITLE SWINGHANDLE LATCH, MULTI POINT, GEARBOX, OUTDOOR, 25x125 SIZE		DESCRIPTION	
MATERIAL		HANDLE COVER	
ZAMAC 3		DISC SPRING	
		DUMMY CAM	
		CAM SCREW	
		M4x7 SCREWS	
		HANDLE PIN	
		PANEL SPRING	
		PADLOCK HASP	
		RETAINER	
		SHAFT O-RING	
		SCREW O-RINGS	

PANEL PREPARATION



PROPER CAM & GEARBOX INSTALLATION FOR ROTATING HANDLE CCW TO OPEN

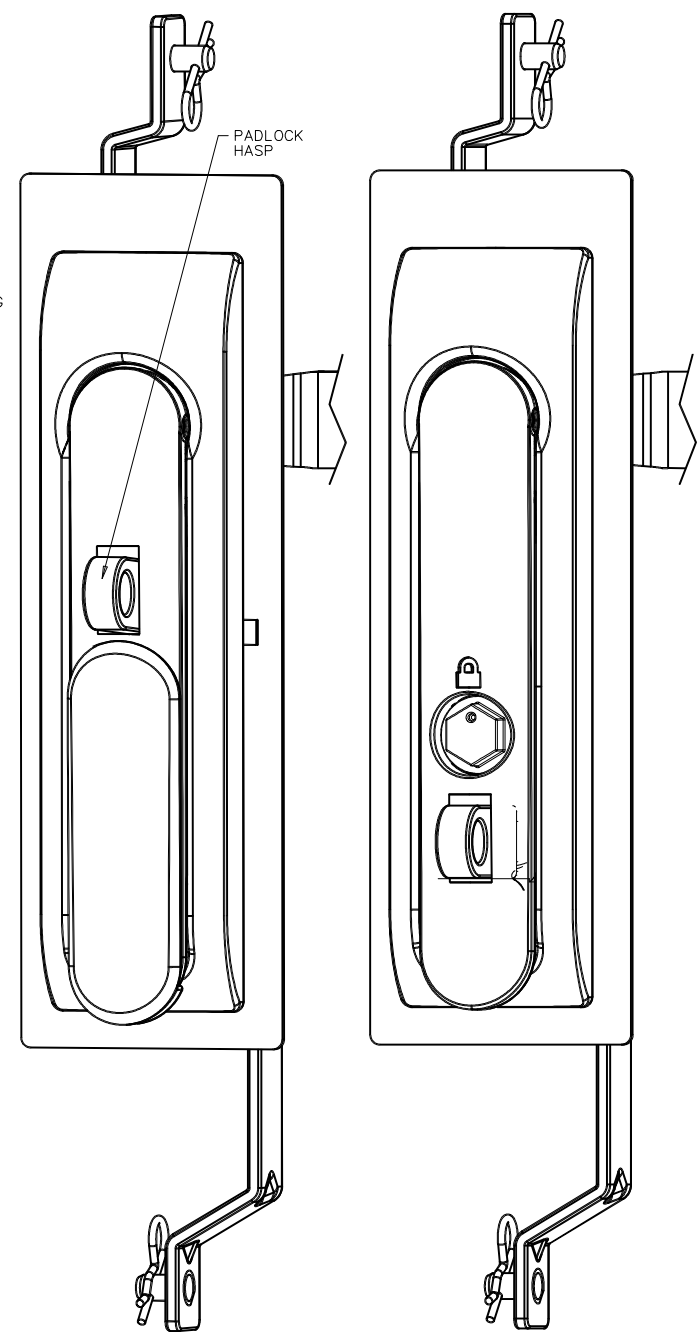
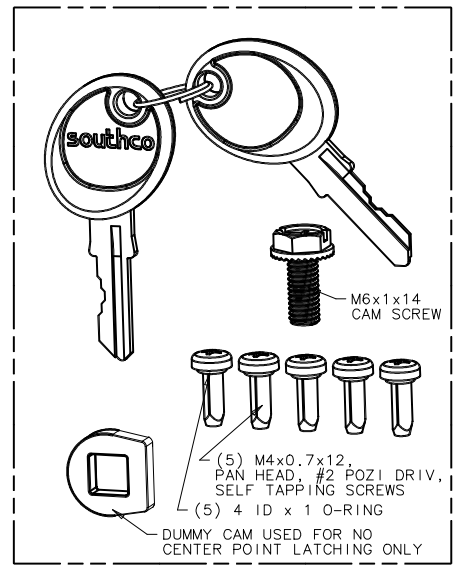


NOTES:

- ALL LATCH COMPONENTS ARE RoHS COMPLIANT.
- LATCH INSTALLATION:
 - PREPARE A BURR FREE PANEL OPENING AS SHOWN.
 - INSTALL LATCH SUB-ASSEMBLY FROM THE FRONT SIDE OF THE PANEL AND HOLD IN PLACE.
 - SLIDE THE MOUNTING CUP ONTO THE HANDLE SHAFT.
 - SECURE THE CUP IN PLACE WITH THE THREE M4x0.7x12 SCREWS PROVIDED. MAX SCREW TORQUE 1.5 N-m.
 - PLACE THE GEARBOX ASSEMBLY ONTO HANDLE SHAFT. PLEASE NOTE THAT THE GEARBOX ORIENTATION ALSO SETS THE LATCH OPENING DIRECTION. THE DIRECTION CAN BE EASILY CHANGED FROM CW TO OPEN TO CCW TO OPEN BY SIMPLY REMOVING THE GEARBOX AND REINSTALLING IT WITH THE LONG ARM ON THE OPPOSITE SIDE FROM WHAT IS SHOWN. SECURE THE GEARBOX IN PLACE WITH THE TWO M4x0.7x12 SCREWS PROVIDED. MAX SCREW TORQUE 1.5 N-m.
 - PLACE CAM ONTO HANDLE SHAFT. SECURE CAM TO SHAFT USING M6x14 SCREW. MAX SCREW TORQUE 2.0 N-m.
 - CYCLE THE LATCH FROM OPEN TO CLOSE TO MAKE SURE EVERYTHING MOVES FREELY.
 - FOR TWO POINT LATCHING (NO CENTER LATCHING), A 'DUMMY CAM' MUST BE USED TO MAINTAIN PROPER ASSEMBLY SPACING.
- COSMETIC SPECIFICATION: ALL POWDERCOATED OR CHROME PLATED SURFACES, UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS "B" DESIGNATION. ALL OTHER SURFACES, UNLESS OTHERWISE NOTED, ARE TO CONFORM TO A CLASS "C" DESIGNATION AS DESCRIBED IN SOUTHCORE COSMETIC SPECIFICATIONS:

- S-121-01 FOR CHROME PLATING
- S-121-02 FOR ZINC PLATING
- S-121-03 FOR POWDER COATING
- S-121-05 FOR STAINLESS STEEL PARTS

HARDWARE PACK



**H3-50-223-1XX
DIN 333 WITH
PADLOCK HASP AND
H3-51-40 GEARBOX**

**H3-50-242-1XX
BELLCORE/TELCORDIA 216
WITH PADLOCK HASP
AND H3-51-40 GEARBOX**