

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	09OCT2018	CMS/ODW PRN: P2018-2334
G	07JAN2021	CMS/T/S PRN: P2021-0045
H	26SEP2022	SAKDMS PRN: P2022-1677

DESCRIPTION	MATERIAL	FINISH/COLOR	DESCRIPTION	MATERIAL	FINISH/COLOR
HANDLE	ZAMAC 3	BLACK POWDERCOAT	HANDLE COVER	STEEL	ZINC PLATE
HOUSING			DISC SPRING		
MOUNTING CUP			DUMMY CAM		
TOOL ACTUATOR			CAM SCREW		
SHAFT			WAVE SPRINGS		
LOCKING PAWL			HANDLE PIN		
LOCK PLUG			PAWL SPRING		
DIN LOCK ASSY			PADLOCK HASP		
PANEL GASKETS			RETAINER		
DIN DUST COVER	SANTOPRENE	NATURAL/BLACK	SHAFT O-RING	BUNA-N	NATURAL/BLACK
HANDLE BUMPER	BUNA-N		SCREW O-RINGS		

DRAWING NUMBER	DRAWING CHKD	SCALE	DATE	DRAWING CHKD	SCALE
J-H3-50-101-1	IR	ACH	15 MAY 08	IR	ACH

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

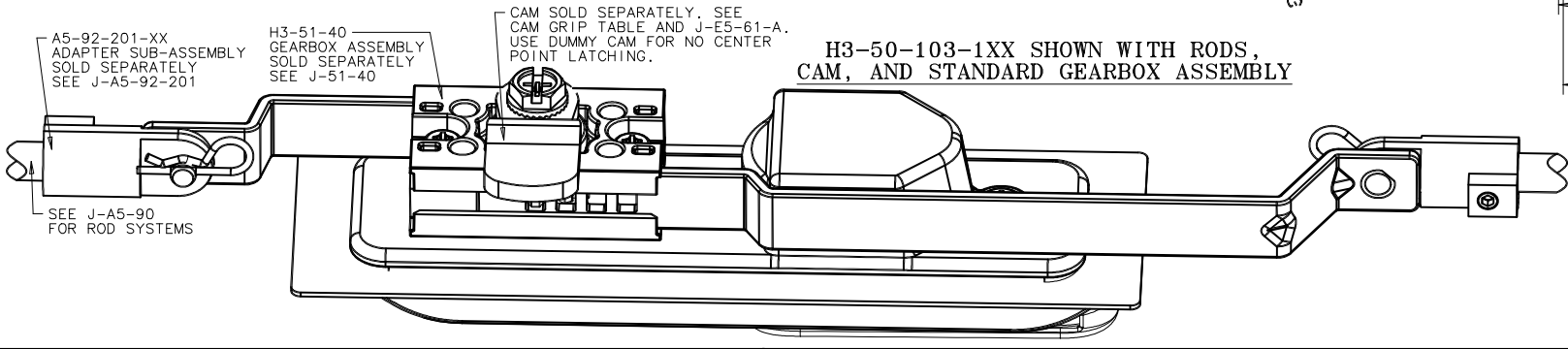
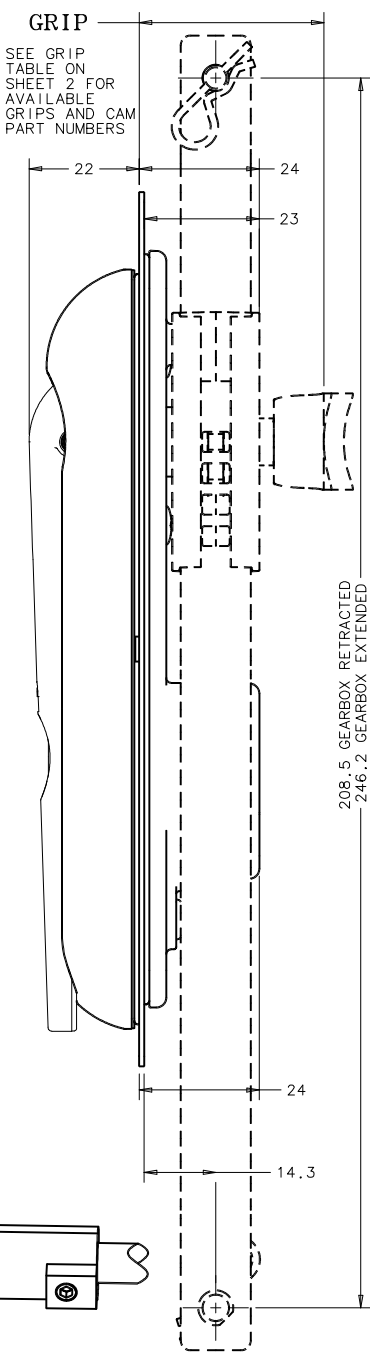
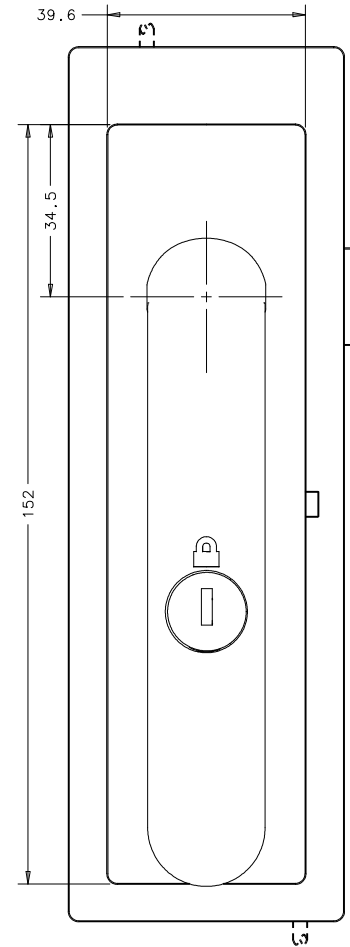
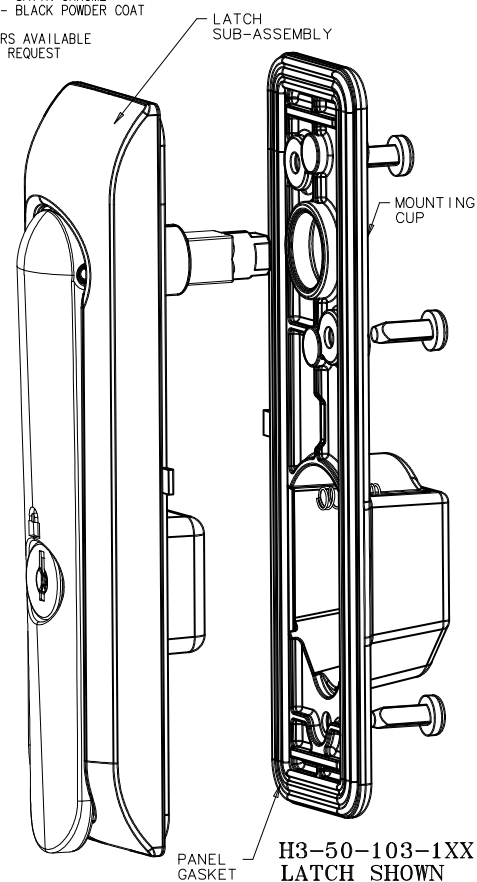
- PADLOCK/SERIES:**
- 1 = NO PADLOCK, MULTIPoint, GEARBOX
 - 2 = PADLOCK, MULTIPoint, GEARBOX
 - 3, 4 = ACTUATOR VERSIONS
- LOCKING OPTIONS:**
- 00 = NO LOCK PROVIDED (DIN ONLY)
 - 01 = CH751
 - 02 = 300
 - 03 = 333
 - 04 = NON LOCKING
 - 05 = L5001
 - 06 = L5002
 - 07 = L5003
 - 20 = NON LOCKING DIN WITH DETENT
 - 21 = DIN CH751
 - 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

YY=09-10, SEE J-E5-61-B
 YY=11-22, SEE J-E5-61-A

SEE SHEET 2 FOR VIEW OF DIN AND TOOL ACCESS VERSIONS

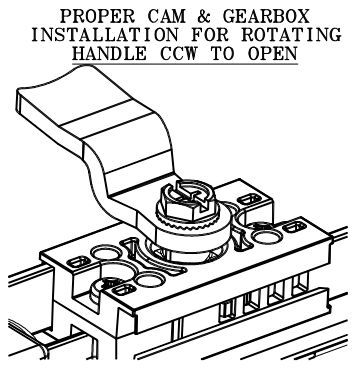
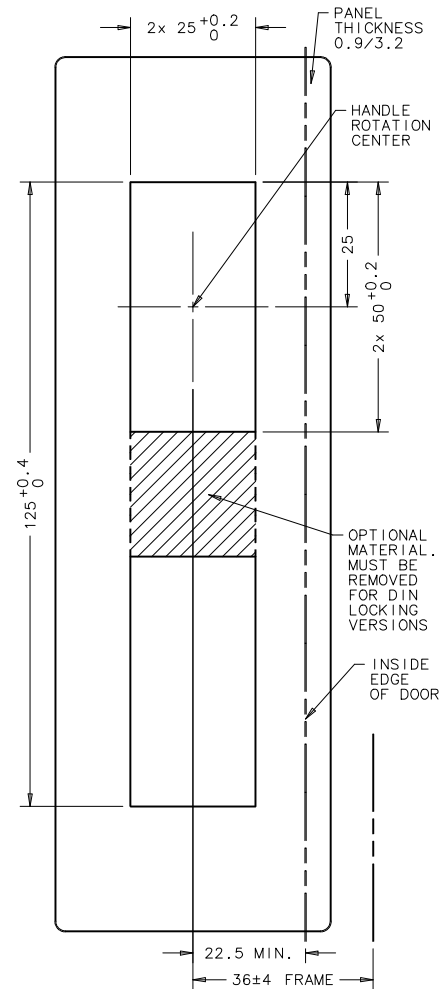


SEE J-A5-90 FOR ROD SYSTEMS

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DRAWING NUMBER J-H3-50-101-1		SCALE DN5	
DATE 15 MAY 08		MATERIAL STEEL	
DRAWING TITLE SWINGHANDLE LATCH, MULTI POINT, GEARBOX, OUTDOOR, 25x125 SIZE		FINISH/COLOR BLACK POWDERCOAT	
DESCRIPTION HANDLE		HANDLE COVER DISC SPRING	
HOUSING		DUMMY CAM	
MOUNTING CUP		CAM SCREW	
TOOL ACTUATOR		HANDLE PIN	
SHAFT		HANDLE SPRING	
LOCKING PAVIL		PADLOCK HASP	
LOCK PLUG		RETAINER	
DIN LOCK ASSY		SHAFT O-RING	
PANEL GASKETS		SCREW O-RINGS	
DIN DUST COVER		NATURAL/BLACK	
HANDLE BUMPER		SANTOPRENE	
ZINC PLATE		BUNA-N	
PASSIVATED		NATURAL/BLACK	

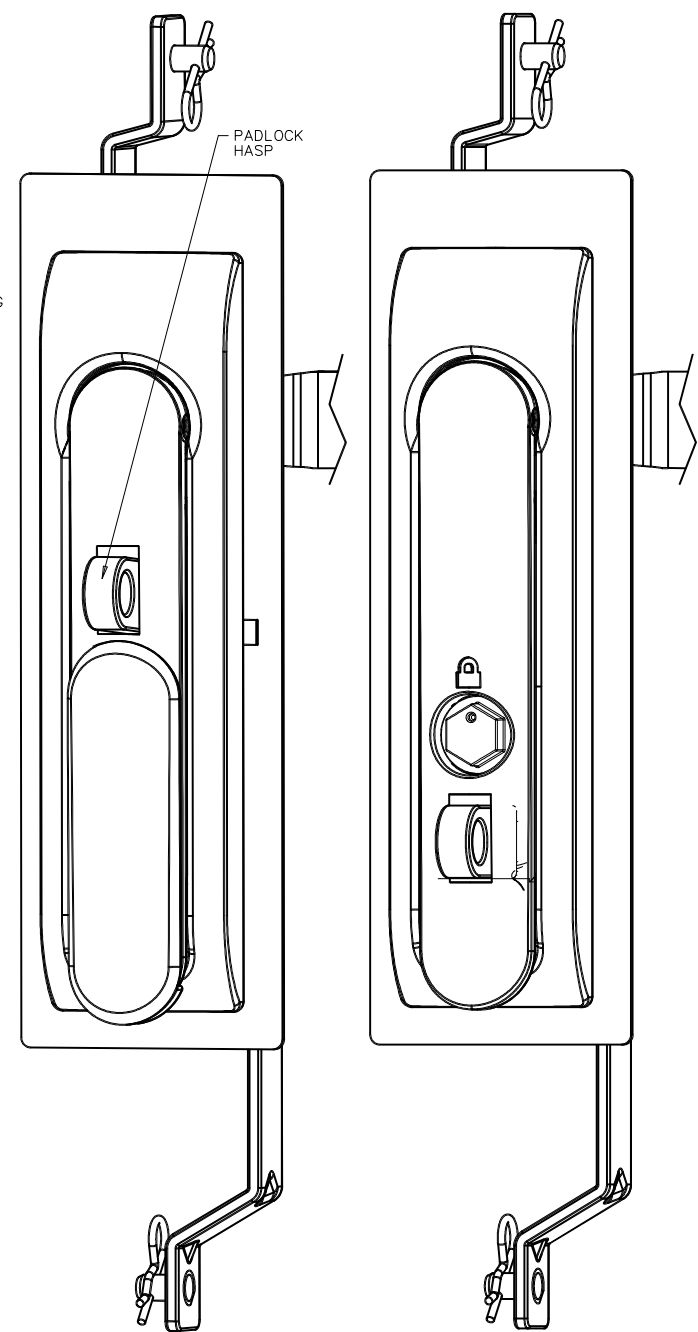
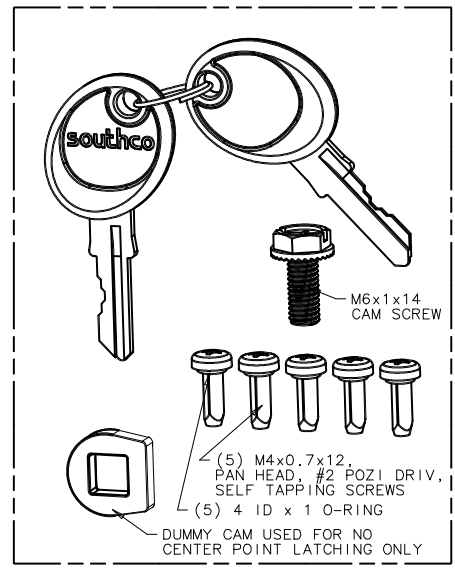
PANEL PREPARATION



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 SOUTHCO 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