

PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS RESERVED BY SOUTHCORP, INC.

REV	DATE	DESCRIPTION
A	03NOV2008	IR/DLH RELEASED FOR PRODUCTION
B	09 NOV 08	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/ODM PRN: P2018-2534
G	15JUL2021	CMS/DMS PRN: P2021-1399

DESCRIPTION	MATERIAL	FINISH/COLOR	DESCRIPTION	FINISH/COLOR
HANDLE	ZAMAC 3	BLACK POWDERCOAT	HANDLE COVER	STEEL
HOUSING		NATURAL	DUMMY CAM	PASS IVATED
TOOL ACTUATOR		CHROME PLATE	MIG - BRACKETS	
SHAFT		NATURAL/BLACK	M4X0.7 SCREWS	
LOCKING PAWL			CAM SCREW	
LOCK PLUG			HANDLE PIN	
DIN LOCK ASSY			PAWL SPRING	
PANEL GASKET	SANTOPRENE		RETAINER	
HANDLE BUMPER	BUNA-N			
SHAFT O-RING				

DRAWING NUMBER	DRAWING CHKD	SCALE	DATE	DATE	IR	ACH	DMS	FINISH/COLOR	MATERIAL	DESCRIPTION
J-H3-60-101-0			24 JUN 08					STEEL	STEEL	SWINGHANDLE LATCH, GEARBOX, INDOOR, 25X150 SIZE
MILLIMETERS										

PART NUMBER: H3-60- **A** **LL** -0 **FF**

- PADLOCK/SERIES:**
- 1 = NO PADLOCK, MULTIPOINT, GEARBOX
 - 2 = PADLOCK, MULTIPOINT, GEARBOX
 - 3, 4 = ACTUATOR VERSIONS
- COVERED IN**
J-H3-60-301-0
OR
J-H3-60-301-1
- LOCKING OPTIONS:**
- 00 = NO LOCK PROVIDED (DIN ONLY)
 - 01 = CH751
 - 02 = 300
 - 03 = 333
 - 04 = NON LOCKING
 - 20 = NON LOCKING DIN WITH DETENT
 - 21 = DIN CH751
 - 22 = DIN 300
 - 23 = DIN 333
 - 24 = DIN W/O LOCKPLUG
 - 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

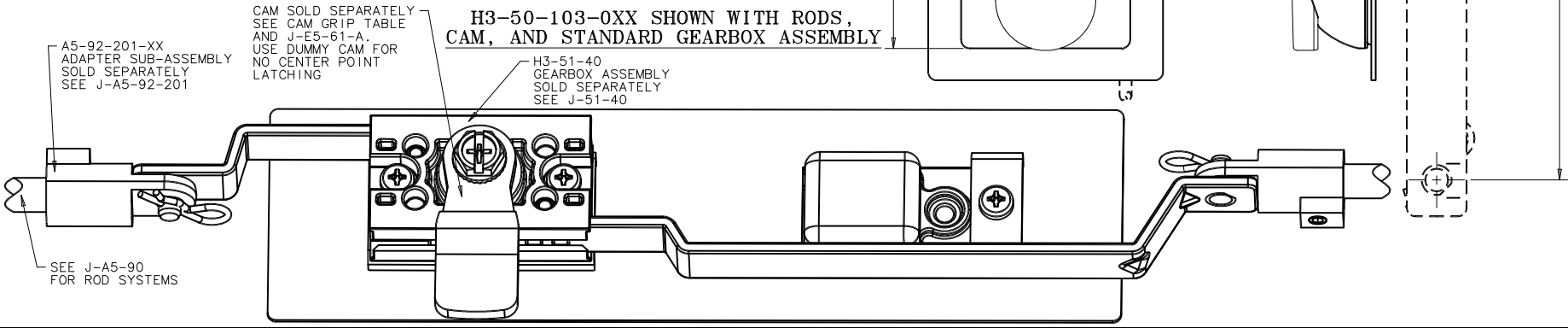
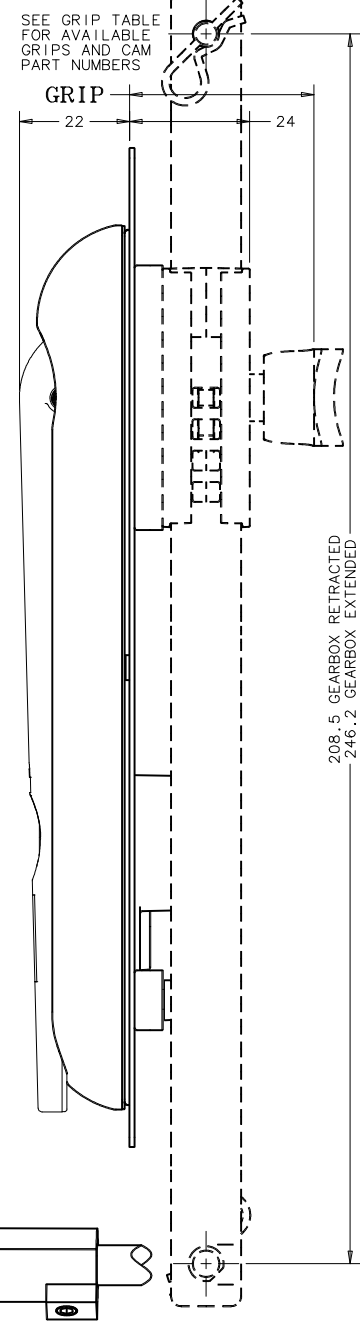
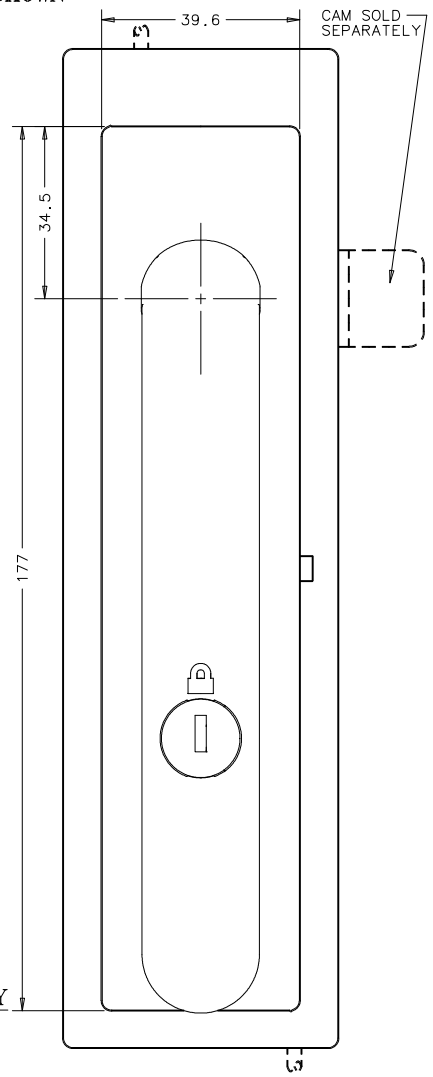
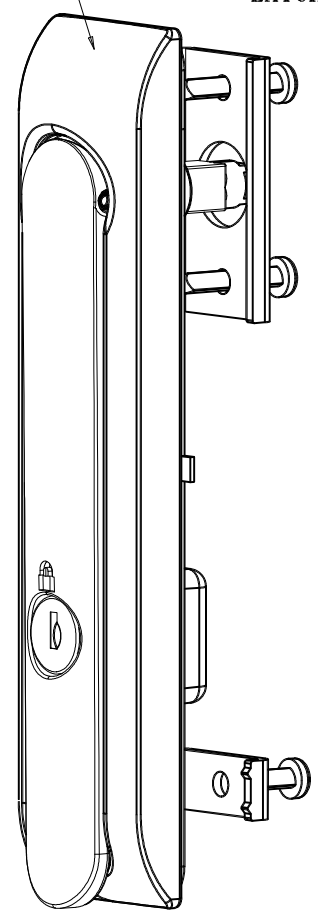
GRIP TABLE
CAM
PART No. E5-61YY-77

YY	GRIP	YY	GRIP
09	14.3	16	28.3
10	16.3	17	30.3
11	18.3	18	32.3
12	20.3	19	34.3
13	22.3	20	36.3
14	24.3	21	38.3
15	26.3	22	40.3

YY=07-10, SEE J-E5-61-B (FLAT CAM)
YY=11-23, SEE J-E5-61-A (FLAT CAM)
YY=09-22, SEE J-E5-71 (ROLLER CAM)

SEE SHEET 2 FOR VIEWS OF
DIN AND TOOL ACCESS VERSIONS

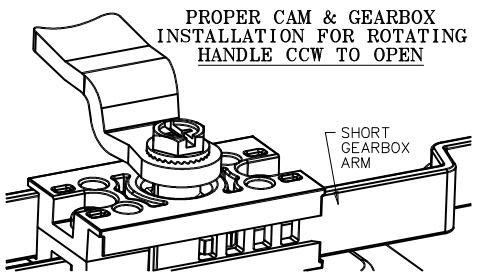
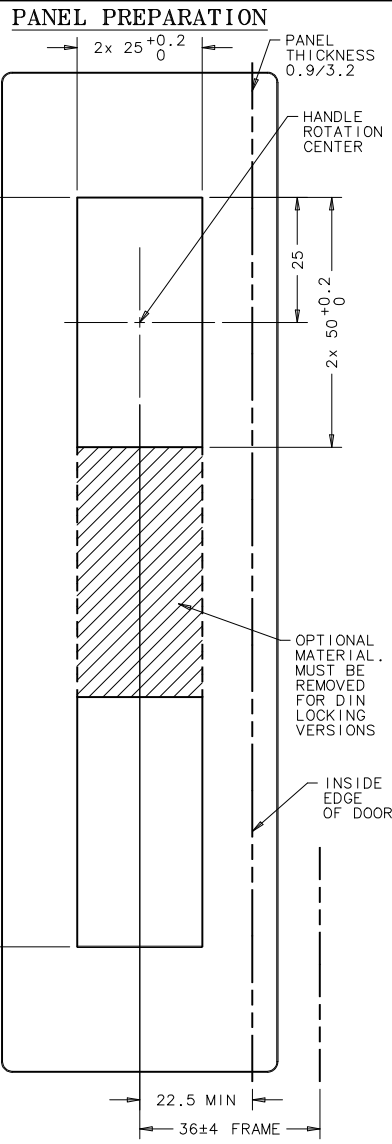
H3-60-103-0XX
LATCH SHOWN



208.5 GEARBOX RETRACTED
246.2 GEARBOX EXTENDED

southco®		PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS RESERVED BY SOUTHCO, INC.	
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DRAWING NUMBER		SCALE		DATE		FINISH/COLOR		DESCRIPTION		MATERIAL	
J-H3-60-101-0		1:1		24 JUN 08		Z INC PLATE		HANDLE COVER		ZAMAC 3	
MILLIMETERS		DMS		08		STEEL		DISC SPRING		BUNA-N	
ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.		IR		08		PASS IVATED		DUMMY CAM		SANTOPRENE	
A.3 PAPER SIZE		ACH		08		STAINLESS		MIG BRACKETS		SHAFT O-RING	
THIRD ANGLE PROJECTION		DMS		08		CHROME PLATE		M4x0.7 SCREWS		HANDLE BUMPER	
SHEET 2 OF 2		DMS		08		NATURAL/BLACK		CAM SCREW		HANDLE PIN	
		DMS		08		NATURAL/BLACK		HANDLE PIN		RETAINER	



- 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.
 - FROM THE BACK SIDE OF THE PANEL, SLIDE THE PIVOT END MOUNTING BRACKET ONTO THE HANDLE SHAFT.
 - SECURE THE PIVOT END MOUNTING BRACKET IN PLACE WITH TWO OF THE M4x0.7x12 SCREWS PROVIDED. ATTACH THE LOCK PLUG END MOUNTING BRACKET TO THE HOUSING AS SHOWN. MAX MOUNTING BRACKET 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 WITH THE LONG ARM ON THE OPPOSITE DIRECTION FROM WHAT IS SHOWN. SECURE THE GEARBOX IN PLACE WITH THE TWO M4x0.7x25 SCREWS PROVIDED. MAX SCREW TORQUE 1.5 N-m.
 - PLACE SHAFT WAVE WASHER ONTO HANDLE SHAFT AGAINST THE TOP OF THE GEARBOX HOUSING FOLLOWED BY THE CAM. SECURE CAM TO SHAFT USING M6x1x12 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

