

southco

PROPRIETARY ITEM - EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING INFORMATION IS UNCLASSIFIED HEREON IS CONFIDENTIAL AND ALL RIGHTS PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.

REV	DATE	DRAWN/CHKD	DESCRIPTION	DESCRIPTION	MATERIAL	FINISH/COLOR	DESCRIPTION	MATERIAL	FINISH/COLOR
A	03NOV2008	IR/DLH	RELEASED FOR PRODUCTION	HANDLE	BLACK POWDERCOAT	DISC SPRING	BLACK POWDERCOAT	ZAMAC 3	STEEL
B	09 DEC 08	IR/ACH	PRN: 2008-1345	HOUSING	NATURAL	DUMMY CAM	NATURAL		STEEL
C	04 FEB 09	IR/ACH	PRN: 2009-0162	TOOL ACTUATOR		MIG - BRACKETS			STEEL
D	22AUG2011	MJS/MSR	PRN: P2011-1873	SHAFT		M4X0.7 SCREWS			STAINLESS
E	23SEP2014	CMS/BGL	PRN: P2014-1872	ROTATION LIMITER		CAM SCREW			STAINLESS
F	08OCT2018	CMS/CDW	PRN: P2018-2534	LOCKING PLUG		HANDLE PIN			STAINLESS
G	15JUL2021	CMS/DMS	PRN: P2021-1399	DIN LOCK ASSY		WAVE WASHER			STAINLESS
				PANEL GASKET	SANTOPRENE	PADLOCK HASP	NATURAL/BLACK		
				HANDLE BUMPER	BUNA-N	PADLOCK HASP	NATURAL/BLACK		
				SHAFT O-RING		RETAINER			

SWINGHANDLE LATCH, ACTUATOR, INDOOR, 25x150 SIZE

DRAWING NUMBER: J-H3-60-301-0
 MILLIMETERS
 ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.
 A3 PAPER SIZE
 THIRD ANGLE PROJECTION
 SHEET 1 OF 2

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

PADLOCK/SERIES:
 1, 2 = COVERED IN J-H3-60-101-0 OR J-H3-60-101-1
 3 = NO PADLOCK, ACTUATOR
 4 = PADLOCK, ACTUATOR

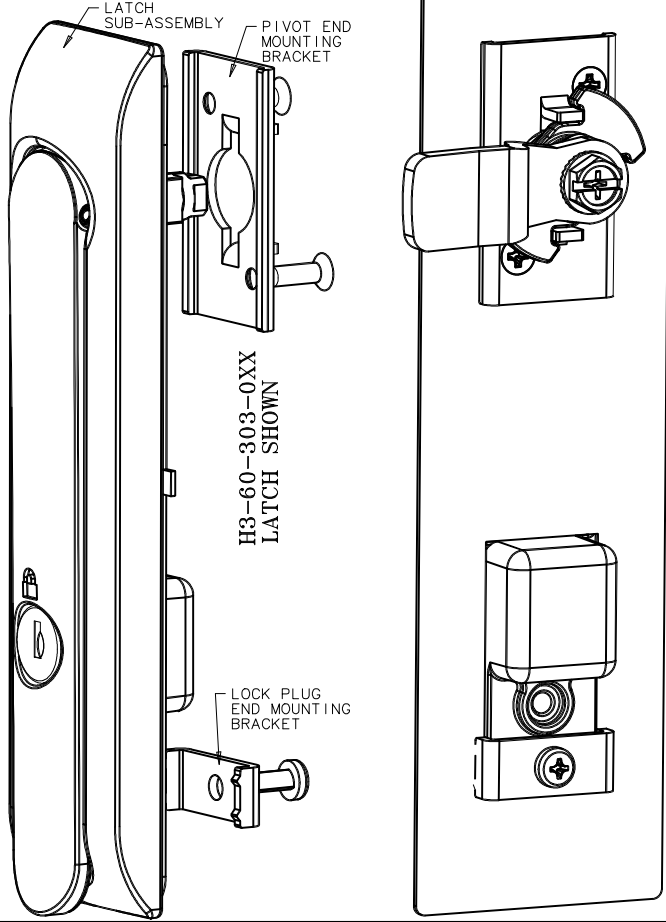
LOCKING OPTIONS:
 00 = NO LOCK PROVIDED (DIN ONLY)
 01 = CH751
 02 = 300
 03 = 333
 04 = NON LOCKING
 05 = HL450
 20 = NON LOCKING DIN WITH DETENT
 21 = DIN CH751
 22 = DIN 300
 23 = DIN 333
 24 = DIN W/O LOCK PLUG
 40 = TOOL, 3mm DOUBLE BIT
 41 = TOOL, 5mm DOUBLE BIT
 42 = TOOL, TELCORDIA 216 (BELLCORE)
 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
 OTHERS AVAILABLE UPON REQUEST

ASSEMBLY FINISH:
 44 = SATIN CHROME
 50 = BLACK POWDER COAT
 OTHERS AVAILABLE UPON REQUEST

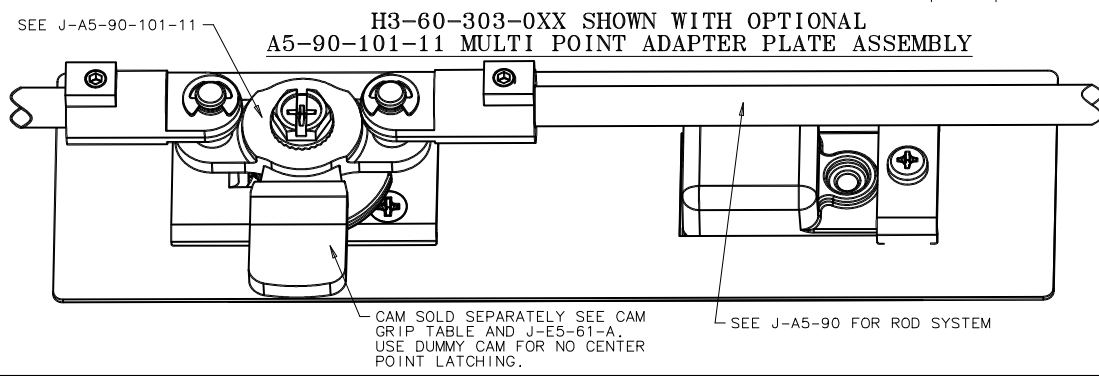
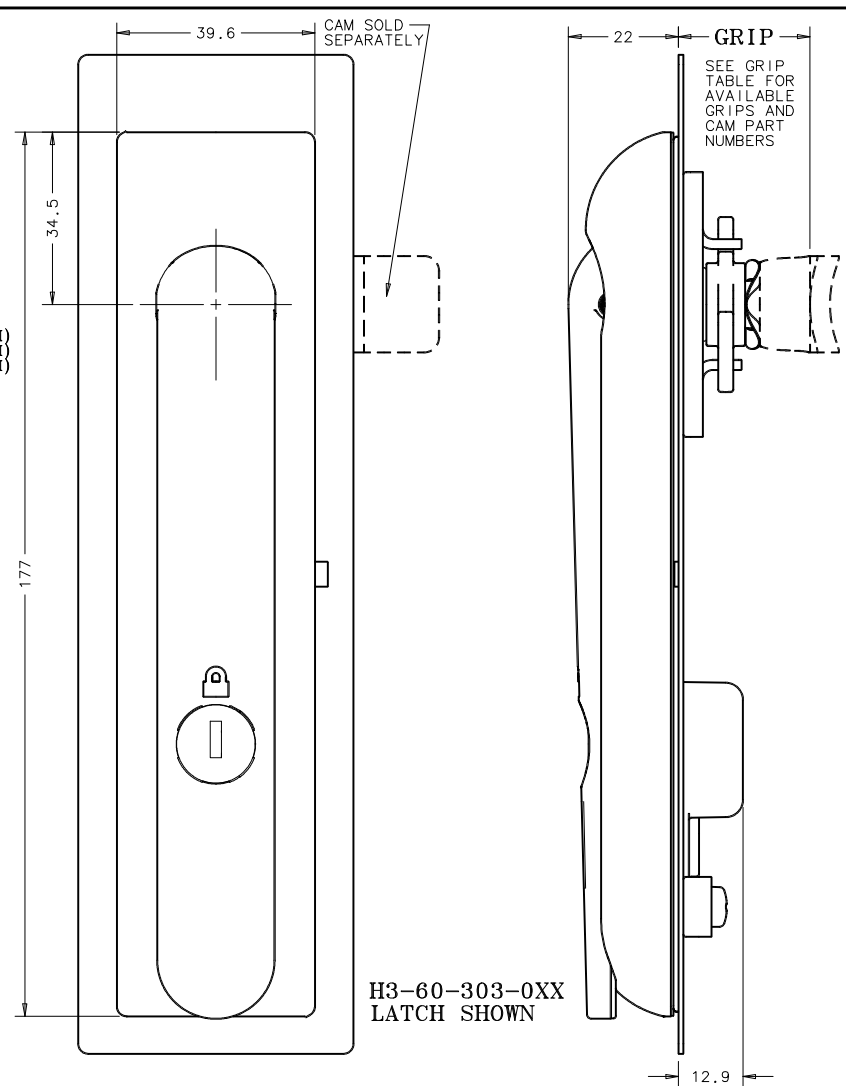
GRIP TABLE
CAM
PART No. E5-61YY-77

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-11-22, SEE J-E5-61-A (FLAT CAM)
 YY-09-22, SEE J-E5-71 (ROLLER CAM)



H3-60-303-0XX SHOWN AS A SINGLE POINT LATCH
 SEE SHEET 2 FOR VIEWS OF DIN AND TOOL ACCESS VERSIONS



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REV	DATE	DESCRIPTION	DATE	SCALE	DRAWING NUMBER
A	03NOV2008	IR/DLH RELEASED FOR PRODUCTION	26 JUN 08	1:1	J-H3-60-301-0
B	09 DEC 08	IR/ACH PRN: 2008-1345			
C	04 FEB 09	IR/ACH PRN: 2009-0162			
D	22AUG2011	MJS/MSR PRN: P2011-1073			
E	23SEP2014	CMS/BGL PRN: P2014-1872			
F	08OCT2018	CMS/CDM PRN: P2018-2534			
G	15JUL2021	CMS/DMS PRN: P2021-1399			

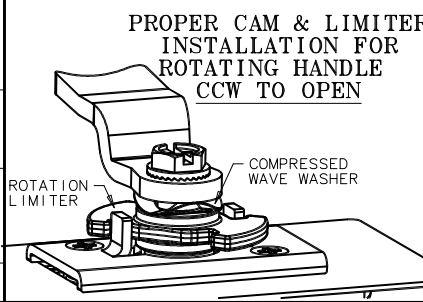
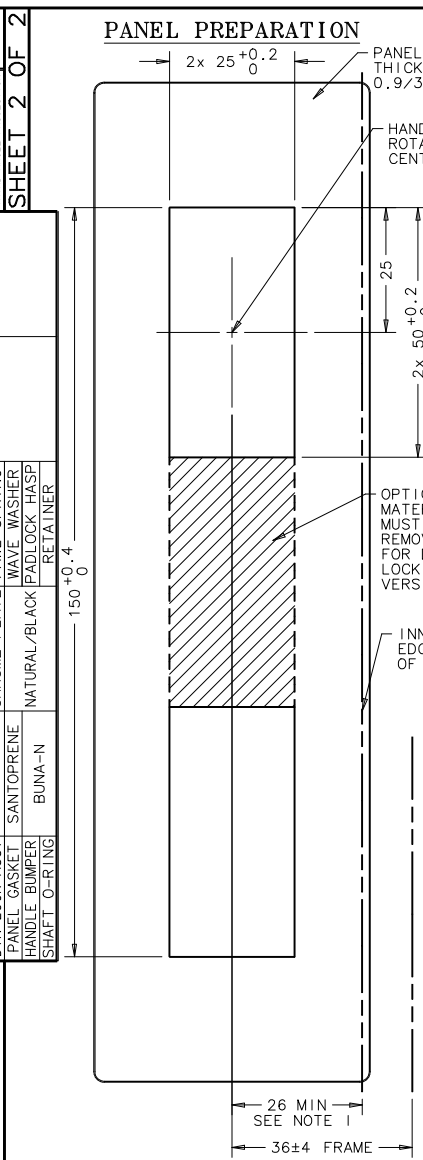
DRAWING NUMBER
 J-H3-60-301-0

MILLIMETERS
 ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

FINISH/COLOR	DESCRIPTION	MATERIAL
BLACK POWDERCOAT	DISC COVER	STEEL
NATURAL	DUMMY CAM	STAINLESS
CHROME PLATE	MIG-BRACKETS	
NATURAL/BLACK	M4x0.7 SCREWS	
	CAM SCREW	
	HANDLE PIN	
	PAWL SPRING	
	WAVE WASHER	
	PADLOCK HASP	
	RETAINER	

DESCRIPTION	MATERIAL	FINISH/COLOR
HANDLE	ZAMAC 3	BLACK POWDERCOAT
HOUSING		NATURAL
TOOL ACTUATOR		CHROME PLATE
SHAFT		NATURAL/BLACK
ROTATION LIMITER		
LOCKING PANEL		
LOCK PLUG		
DIN LOCK ASSY		
PANEL CASKET	SANTOPRENE	
HANDLE BUMPER	BUNA-N	
SHAFT O-RING		

DATE	FINISH/COLOR	DESCRIPTION
26 JUN 08	STEEL	STEEL
	STAINLESS	STAINLESS
	PASSIVATED	PASSIVATED



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 THE TWO FLAT HEAD M4x0.7x12 SCREWS PROVIDED. ATTACH THE LOCK PLUG END MOUNTING BRACKET TO THE HOUSING AS SHOWN AND SECURE IN PLACE WITH PAN HEAD M4x0.7x12 SCREW. MAX MOUNTING BRACKET SCREW TORQUE 1.5 N-m.
 - PLACE THE ROTATION LIMITER ONTO THE HANDLE SHAFT. THE ROTATION LIMITER ALSO SETS THE ROTATION ACTUATION DIRECTION OF THE LATCH. TO FLIP ACTUATION DIRECTION, SIMPLY REMOVE THE ROTATION LIMITER FROM THE SHAFT, ROTATE IT 90°, AND PLACE BACK ONTO SHAFT.
 - PLACE SHAFT WAVE WASHER ONTO HANDLE SHAFT AGAINST THE TOP OF THE ROTATION LIMITER, FOLLOWED BY THE CAM, THEN THE ACTUATOR PLATE ASSEMBLY IF USED. SECURE EVERYTHING TO THE SHAFT USING M6x1x14 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.
 - IF USED WITH SOUTHCO A5-90-101-11 ADAPTER PLATE ASSEMBLY.
- 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-121-02 FOR CHROME PLATING
 - S-121-02 FOR ZINC PLATING
 - S-121-03 FOR POWDER COATING
 - S-121-05 FOR STAINLESS STEEL PARTS

