SOUTHCO SOFT-LATCH™ FLEXIBLE COVER DRAW LATCH

DATE	DRAWN	CHKD	SCALE	DRAWING NUMBER
6-21-89	CLB	ACZ	NTS	TD-C7-1-J

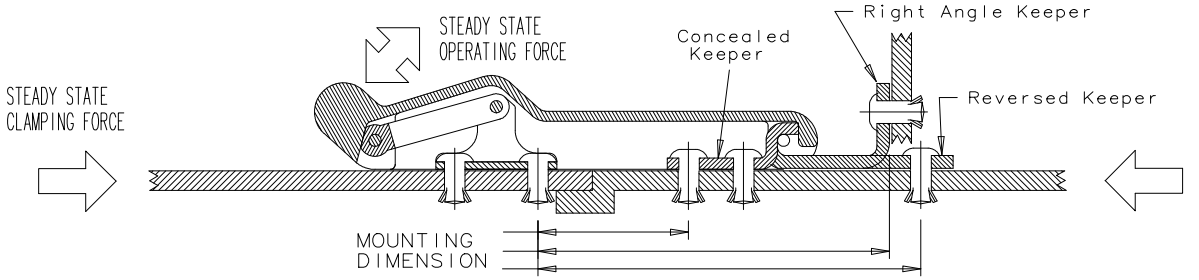
REV	DATE	DRAWN/CHKD	DESCRIPTION
B	09APR2002	GDM	UPDATE FORMAT

THIRD ANGLE PROJECTION

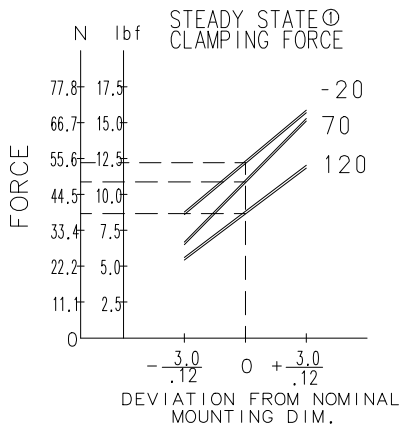
A PAPER SIZE

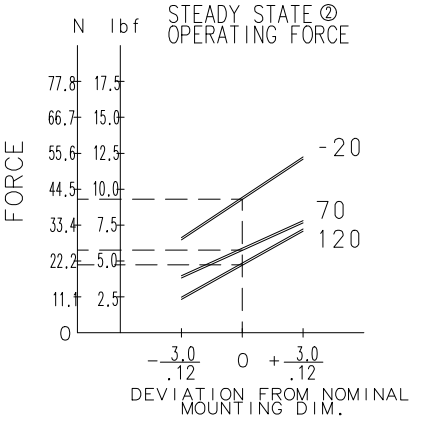
SOUTHCO PERFORMANCE GUIDELINES

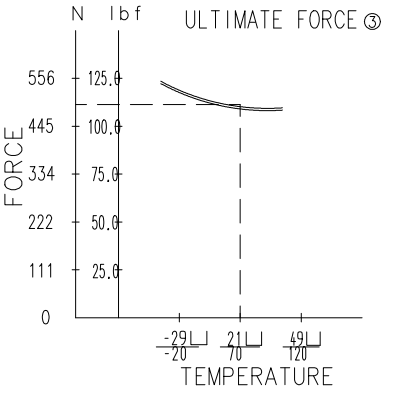
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED IT IS 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.



Keeper Style	Ass'y Part No.
Concealed	C7-10
Reversed	C7-11
Right Angle	C7-12







NOTE: *Steady state force is the long term force* after stress relaxation of the materials occur under a constant strain.

① Steady state clamping force is the compression applied on the mounting plates by the latch at the corresponding mounting dimension. The plates were guided coplanar during the test. The nature of the thermoplastic elastomer provides a wide range of clamping forces. The data shown are averages and are to be used as general guides only.

② Steady state operating force is the force required to latch or unlatch the C7. At room temperature the operating force during the first 24 hours will be as great as 1.9 to 2.3 times the steady state operating force.

③ The ultimate force is the greatest force held by the latch at failure. At this point, the pins bend excessively and slip out of the latch body or the thermoplastic elastomer body rips.

millimeter / inch

REF: C7-01, C7-05

southco

No. C7 FLEXIBLE DRAW LATCH CONCEALED KEEPER

DATE	DRAWN	CHKD	SCALE
4/10/89	RES		1.5:1

DRAWING NUMBER: J-C7-10

INCHES

ALL DIMENSIONS WITHOUT TOLERANCES ARE FOR REFERENCE ONLY.

THIRD ANGLE PROJECTION | A PAPER SIZE

REV	DATE	DRAWN/CHKD	DESCRIPTION
F	07FEB2006	AJH/MDY	PRN: P2006-0226
G	04SEP2018	CMS/MGG	PRN: P2018-2070

ITEM	PART NUMBER	MATERIAL	FINISH/COLOR
ASSEMBLY	C7-10	–	–
LATCH SUBASSEMBLY	C7-10-15	SEE NOTE 1	SEE NOTE 1
KEEPER	–	304 STAINLESS STEEL	PASSIVATED
ASSEMBLY	C7-10-02	–	–
LATCH SUBASSEMBLY	C7-10-15-02	SEE NOTE 1	SEE NOTE 1
KEEPER	–	304 STAINLESS STEEL	PASSIVATED
ASSEMBLY	C7-10-04	–	–
LATCH SUBASSEMBLY	C7-10-15-04	SEE NOTE 1	SEE NOTE 1
KEEPER		304 STAINLESS STEEL	PASSIVATED

NOTES:

1. LATCH SUBASSEMBLY MATERIAL AND FINISH:

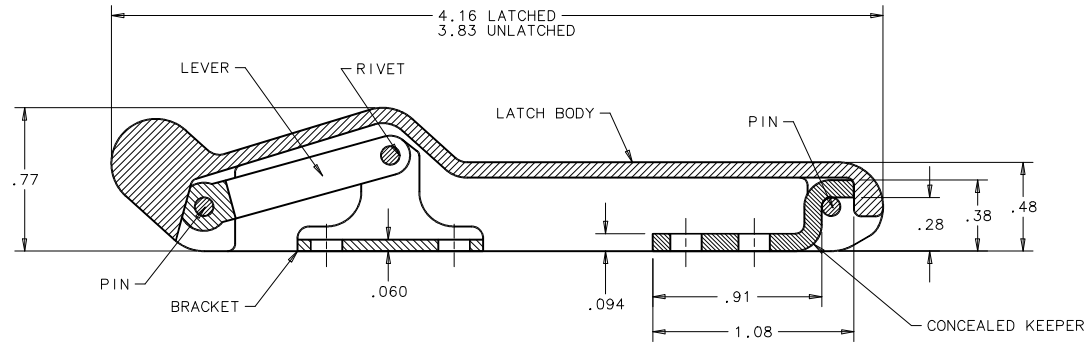
   LEVER: GLASS REINFORCED NYLON, BLACK
   PINS: 300 SERIES STAINLESS STEEL, PASSIVATED
   RIVET: 430 STAINLESS STEEL, PASSIVATED
   BRACKET: 304 STAINLESS STEEL, PASSIVATED

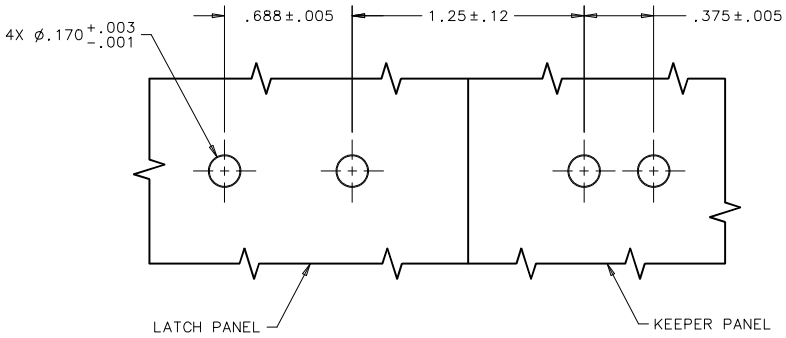
LATCH BODY / BUSHING MATERIAL AND COLOR

SUBASSEMBLY PART NUMBER	ITEM	MATERIAL	COLOR
C7-10-15	LATCH BODY	THERMOPLASTIC ELASTOMER	BLACK
	BUSHING	GLASS REINFORCED NYLON	
C7-10-15-02	LATCH BODY	UV RESISTANT THERMOPLASTIC ELASTOMER	APPLIANCE WHITE
	BUSHING	GLASS REINFORCED NYLON	
C7-10-15-04	LATCH BODY	THERMOPLASTIC ELASTOMER	GRAY (RAL 7040)
	BUSHING	GLASS REINFORCED NYLON	

2. LATCH APPLIES APPROX. 16 lb STEADY STATE CLAMP LOAD AT ROOM TEMPERATURE.

3. LATCH SUBASSEMBLY IS SUPPLIED WITHOUT KEEPER.





PANEL PREPARATION

(MOUNT USING 4mm OR 5/32 DIAMETER RIVETS OR No. 8 OR M4 SIZE HARDWARE.)