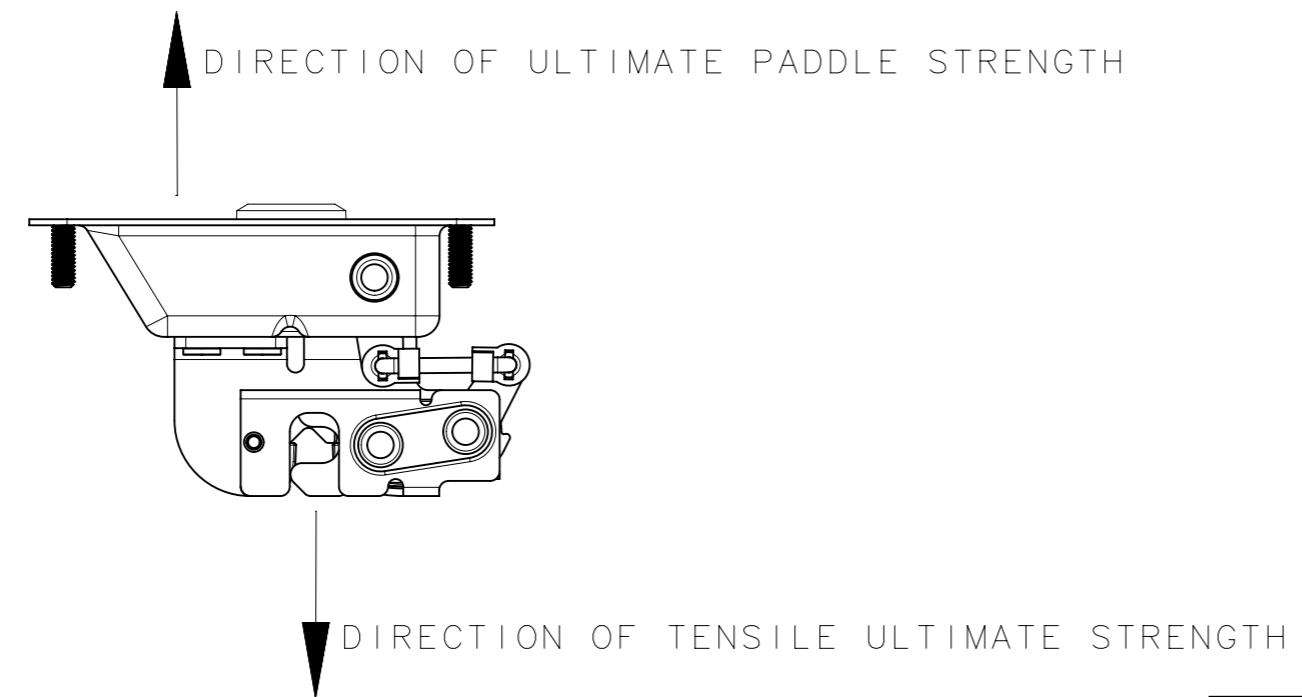


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	08AUG2019	ASM	PRN: P2019-1999

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 IS GIVEN FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE THE 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.

	AVERAGE TENSILE ULTIMATE STRENGTH ON THE PAWL - PRIMARY STAGE	AVERAGE TENSILE ULTIMATE STRENGTH ON THE PAWL - SECONDARY STAGE	AVERAGE ULTIMATE PADDLE STRENGTH (LOCKED)	RECOMMENDED INSTALLATION TORQUE	CYCLE LIFE AT 200N BUMPER LOAD FROM DOOR	AVERAGE ACTUATION FORCE TO OPEN AT 200N BUMPER LOAD FROM DOOR
R4-82	3500N	600N	1100N	7-10N-m (SEE NOTE 1)	50000	27N

1. INSTALLATION TORQUE REFERS TO MOUNTING NUT TORQUE WHEN USED WITH THREADED STUD VERSION OF LATCH. IF INSTALLING THRU-HOLE VERSION WITH SEPARATE HARDWARE, FOLLOW HARDWARE MANUFACTURERS RECOMMENDED TORQUE SPECS.
2. LATCH TESTED IN SIMULATED FIXTURES. MUST BE FULLY VERIFIED IN CUSTOMER APPLICATION SYSTEM.



TEST REPORT: trR4-37173 & trR4-37174

CPB NUMBER 2018-1008	THIRD ANGLE PROJECTION	southco [®] CONNECT • CREATE • INNOVATE		
	MILLIMETERS [IN]			
SURFACE AREA XXXXXmm ²	TOLERANCES UNLESS OTHERWISE NOTED UP TO 0.5 ±0.05 OVER 0.5 UP TO 6 ±0.1 OVER 6 UP TO 30 ±0.2 OVER 30 ±0.3 ANGLES ±1°	DESCRIPTION ROTARY PADDLE LATCH		
VOLUME XXXXXmm ³		SIZE A3	SYSTEM NX	DWG NO. TD-R4-82
PROPRIETARY ITEM <small>EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE ARE RESERVED BY SOUTHCO, INC.</small>		PER ASME Y14.5M-1994	DRAWN BY ASM	DATE 16JUN2019
			SCALE 1:1	SHEET 1 OF 1