

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
B	17JUN2024	IR/DMS	PRN: P2024-1043

SOUTHCO PERFORMANCE GUIDELINES

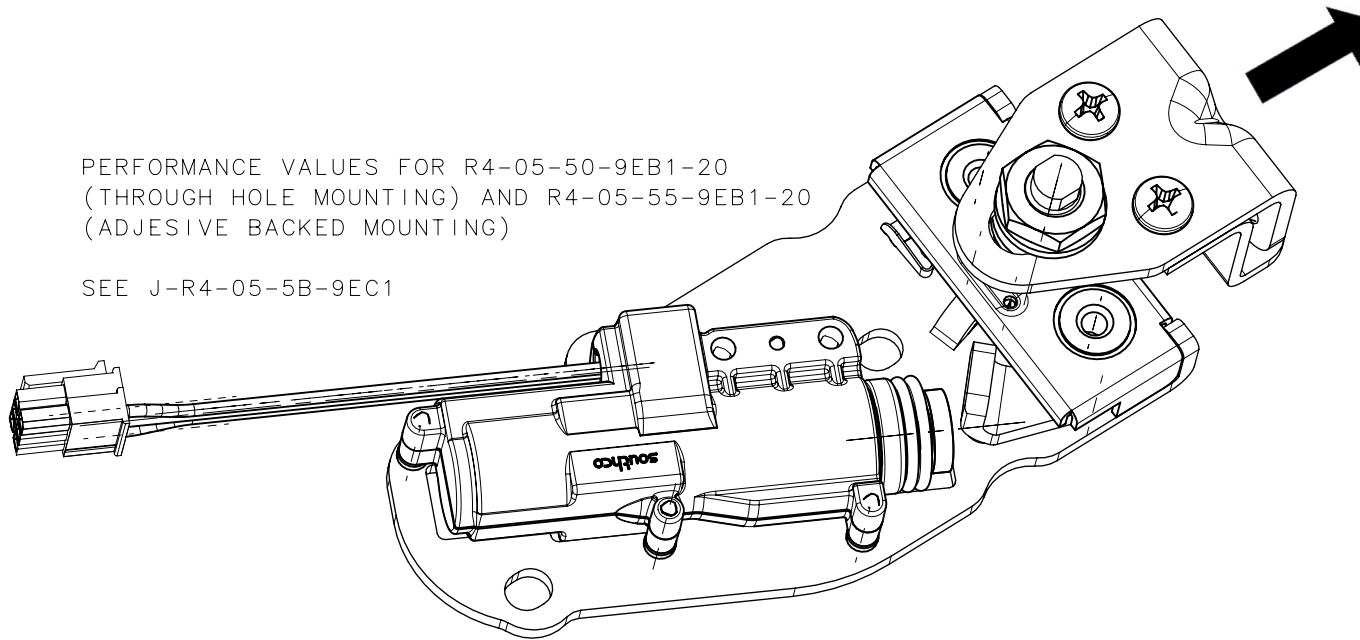
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT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

MAXIMUM STATIC LOAD IS THE MAXIMUM RECOMMENDED LOAD AFTER ONE TIME APPLICATION AND REMOVAL OF WHICH THE PRODUCT CONTINUES TO FUNCTION PROPERLY.

MINIMUM ULTIMATE LOAD IS THE LOAD THAT CAUSES FAILURE OR EXCESSIVE DEFORMATION WHICH RENDERS THE PRODUCT INOPERABLE.

PERFORMANCE VALUES FOR R4-05-50-9EB1-20  
(THROUGH HOLE MOUNTING) AND R4-05-55-9EB1-20  
(ADJESIVE BACKED MOUNTING)

SEE J-R4-05-5B-9EC1



DIRECTION OF TENSILE  
FORCE ON STRIKER

MINIMUM ULTIMATE TENSILE LOAD ON  
THE A5-95-102 STRIKER BEFORE FAILURE:

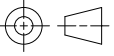

1390 N (313 LBF) FOR R4-05-50-9EB1-20  
(THROUGH HOLE MOUNTING VERSION)

546 N (123 LBF) FOR R4-05-55-9EB1-20  
(VHB TAPE MOUNTING VERSION)

CYCLE LIFE, NO LOAD ON CAM

TEMPERATURE	CYCLE LIFE
-40°	5,000
AMBIENT, 25° C (77° F)	10,000
80° C (176° F)	5,000

REF: trR4-51829

CPB NUMBER 2020-0061	THIRD ANGLE PROJECTION			 CONNECT • CREATE • INNOVATE	
	MILLIMETERS [IN]				
	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION R4-05 ELECTROMECHANICAL LATCH, EXTEND AND HOLD, PULL TO OPEN			
	UP TO 0.5 ±0.05	SIZE	SYSTEM	DWG NO.	
	OVER 0.5 UP TO 6 ±0.1	A4	NX	TD-R4-05-5B-9EC1-J	
	OVER 6 UP TO 30 ±0.2	DRAWN BY			
	OVER 30 ±0.3	IR/			
	ANGLES ±1°	DATE			
	PER ASME Y14.5M-2009	06AUG2021			
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		DNS		1 OF 1	