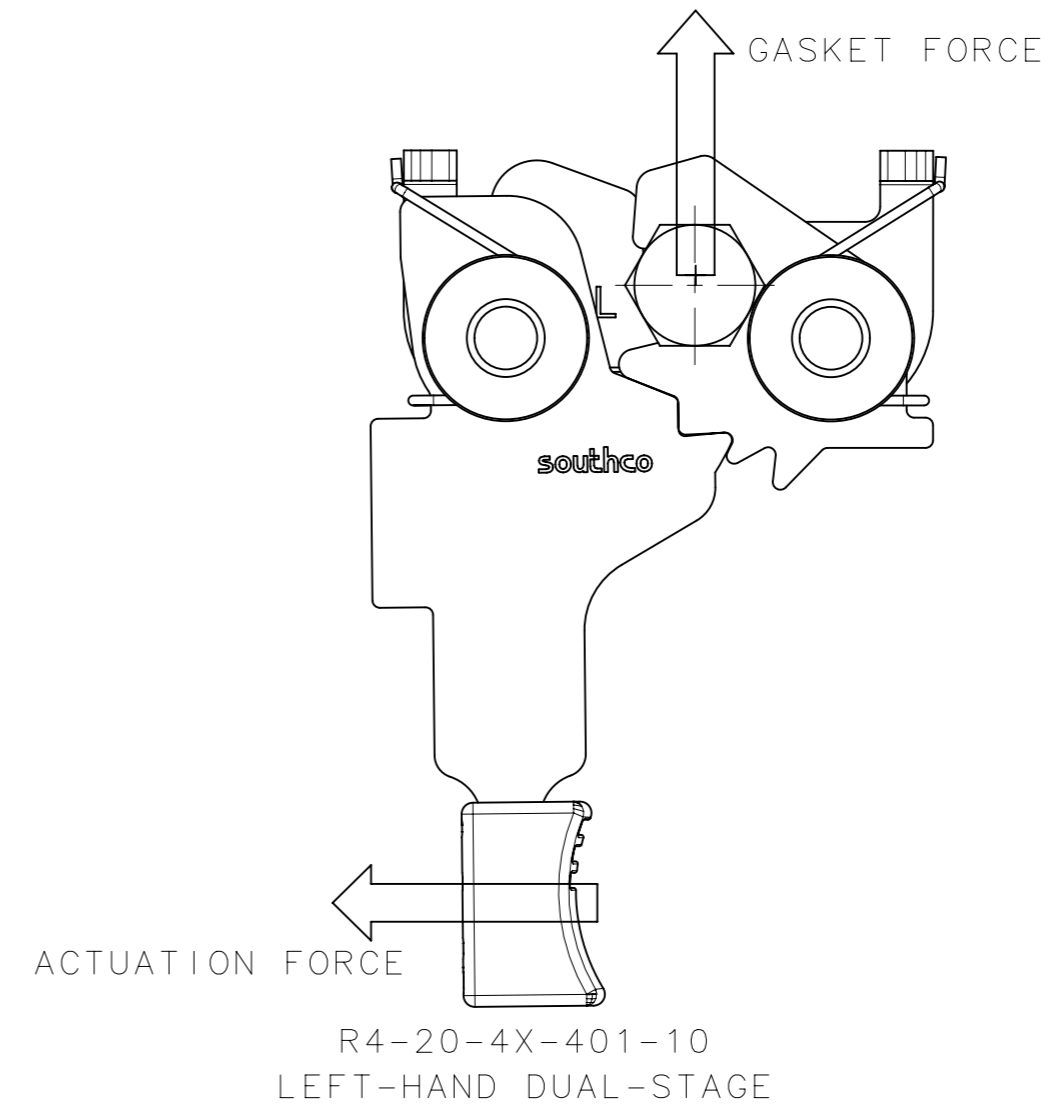
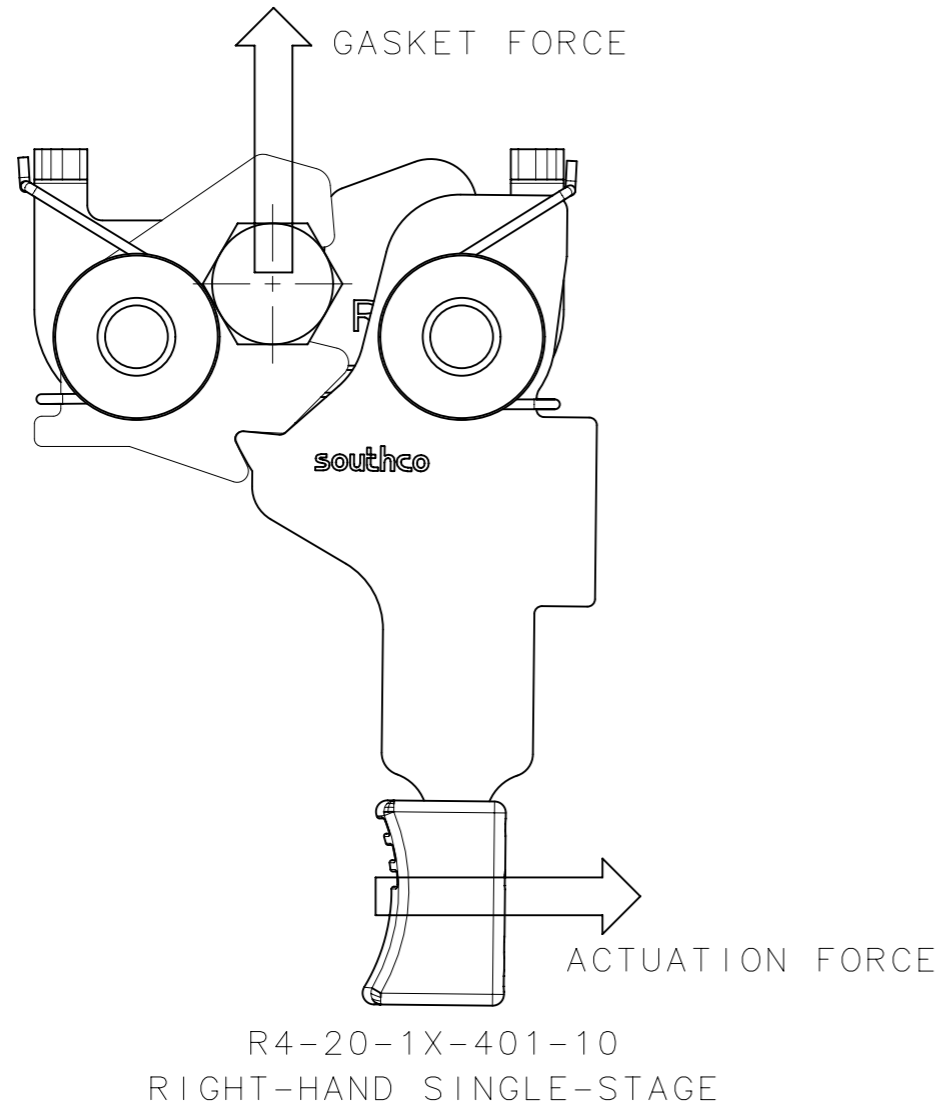


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	09JUL2018	VK/YGC	PRN: P2018-1642

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



PERFORMANCE VALUES FOR R4-20-YX-401-10

TYPE OF LATCH	GASKET FORCE	AVERAGE FORCE REQUIRED TO ACTUATE (OPEN) LATCH	AVERAGE ULTIMATE TENSILE FORCE		CYCLE LIFE
			PRIMARY	SECONDARY	
SINGLE - STAGE	111 N (25 lb)	6.5 N - 8.6 N (1.5 lb - 1.9 lb)	7,500 N (1,686 lb)	N/A	25,000
DUAL - STAGE	111 N (25 lb)	7.2 N - 8.1 N (1.6 lb - 1.8 lb)	7,500 N (1,686 lb)	4,000 N (900 lb)	25,000

- ACTUATION FORCE TESTS AND CYCLE TEST WERE PERFORMED WITH PART NUMBERS R4-20-10-401-10, R4-20-20-401-10, R4-20-30-401-10, AND R4-20-40-401-10.
- MAXIMUM ALLOWABLE TORQUE ON THREADED MOUNTING SCREWS IS 120 in-lbs (13.56 N-m).

REF: trR4-33710, trR4-33597 and trR4-25583

THIRD ANGLE PROJECTION		 CONNECT • CREATE • INNOVATE
MILLIMETERS [IN]		
SURFACE AREA	TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION R4-20 TEST DATA SHEET STEEL, HAND-ACTUATED
VOLUME	PER ASME Y14.5M-1994	SIZE A3 SYSTEM NX DWG NO. TD-R4-20-4-1
PROPRIETARY ITEM EXCEPT FOR USES EXPRESSLY GRANTED IN WRITING, INFORMATION DISCLOSED HEREON IS CONFIDENTIAL AND ALL RIGHTS, PATENT AND OTHERWISE, ARE RESERVED BY SOUTHCO, INC.	DRAWN BY VK	DATE 28JUN2018 SCALE 1:1 SHEET 1 OF 1