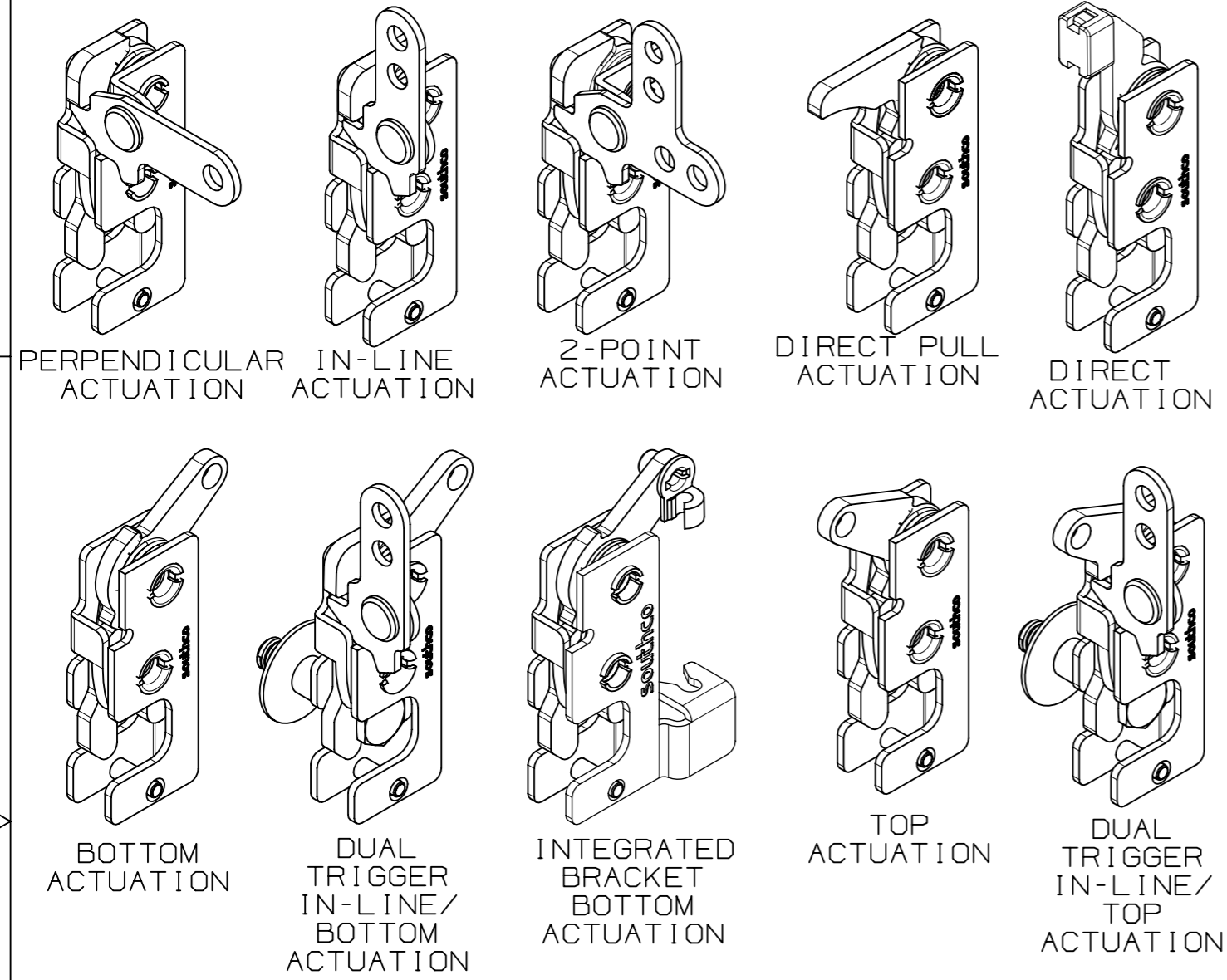
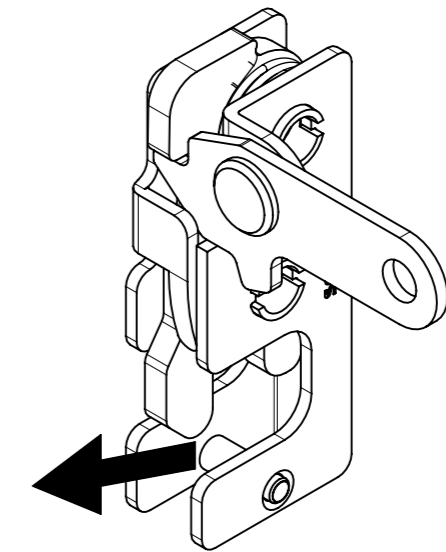


REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
D	08FEB2024	JAD/ASM	PRN: P2024-0266

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.



DIRECTION OF GASKET FORCE AND TENSILE FORCE



PERFORMANCE VALUES FOR R4-10-XY-Z01-10

GASKET FORCE	CYCLE LIFE	STAGE
200 N (45 lb)	88,000	SINGLE
200 N (45 lb)	88,000	DUAL

- NOTES:
- AVERAGE ULTIMATE TENSILE FORCE BEFORE FRACTURE OR STRIKER PULL-OUT:  
 SINGLE STAGE & DUAL STAGE, PRIMARY POSITION: 3600N  
 DUAL STAGE, SECONDARY POSITION: 600N
  - CYCLE AND TENSILE TEST WERE PERFORMED WITH THE STRIKER AT THE NOMINAL LATERAL POSITION (ZERO MISALIGNMENT).
  - MAXIMUM ALLOWABLE TORQUE ON THREADED MOUNTING SCREWS IS 550 N-cm.
  - CYCLE TESTING CONDUCTED WITH STRIKER DIAMETER OF 9.5mm

- REF: trR4-20145  
 trR4-22223  
 trR4-22682  
 trR4-24469  
 trR4-24972  
 trR4-26523  
 trR4-14036  
 trR4-51363

THIRD ANGLE PROJECTION	 CONNECT • CREATE • INNOVATE		
TOLERANCES UNLESS OTHERWISE NOTED	DESCRIPTION R4 MINI ROTARY LATCH		
UP TO 0.5 ±0.05	SIZE A3	SYSTEM NX	DWG NO. TD-R4-1-J
OVER 0.5 UP TO 6 ±0.1	DRAWN BY JAD DATE 24FEB2017 SCALE 1:1 SHEET 1 OF 1		
OVER 6 UP TO 30 ±0.2			
OVER 30 ±0.3			
ANGLES ±1°			
PER ASME Y14.5M-2009			

PROPRIETARY ITEM  
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