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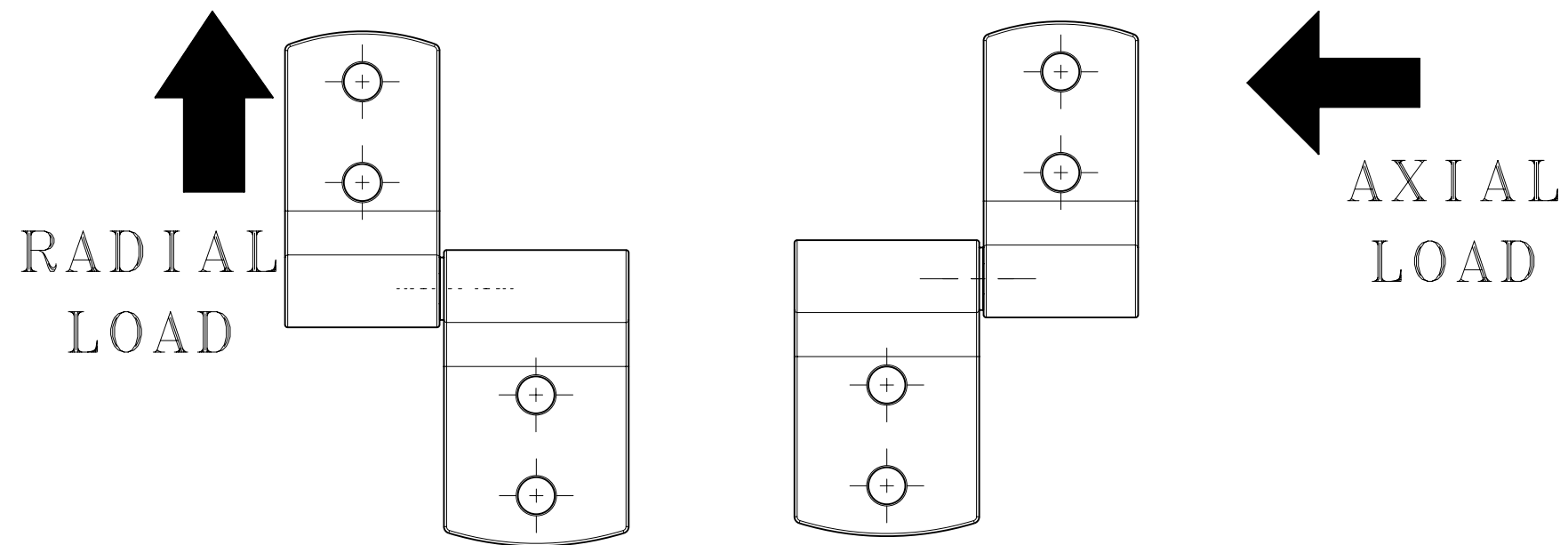
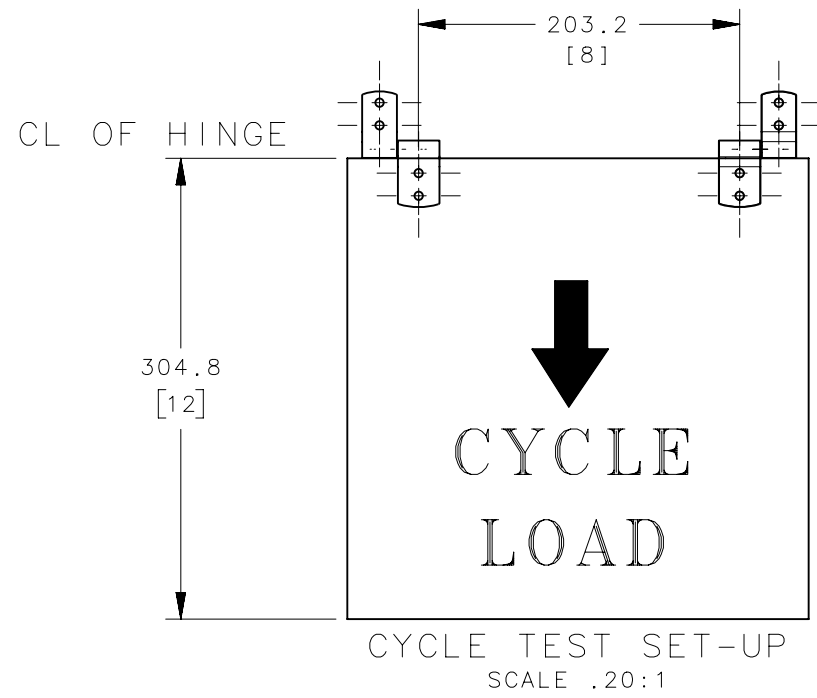
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PART NUMBERS		MAXIMUM STATIC RADIAL LOAD N (lbf)①	MAXIMUM STATIC AXIAL LOAD N (lbf)①	STATIC TORQUE ±20% N-m (in-lbf)	CYCLE LIFE 1.34 kg (2.9483 lbs)②
TYPE A	TYPE B				
ST-11A-140SA-[XX]	ST-11A-140SB-[XX]	600 N (135 lbf)	800 N (180 lbf)	1.58 (14.0)	20,000
ST-11A-200SA-[XX]	ST-11A-200SB-[XX]			2.26 (20.0)	
ST-11A-260SA-[XX]	ST-11A-260SB-[XX]			2.94 (26.0)	
ST-11A-140FA-[XX]	ST-11A-140FB-[XX]			0.95 (8.4)	
ST-11A-200FA-[XX]	ST-11A-200FB-[XX]			1.36 (12.0)	
ST-11A-260FA-[XX]	ST-11A-260FB-[XX]			1.76 (15.6)	
ST-11A-320FA-[XX]	ST-11A-320FB-[XX]			2.17 (19.2)	
ST-11A-140RA-[XX]	ST-11A-140RB-[XX]			1.58 (14.0)	
ST-11A-200RA-[XX]	ST-11A-200RB-[XX]			2.26 (20.0)	
ST-11A-260RA-[XX]	ST-11A-260RB-[XX]			2.94 (26.0)	
ST-11A-320RA-[XX]	ST-11A-320RB-[XX]			3.62 (32.0)	

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
B	16JUL2024	GJL/SAK	PRN:P2024-1225

① AXIAL AND RADIAL LOADS APPLIED ONE TIME TO A SINGLE HINGE WITHOUT DEGRADATION OF PERFORMANCE.  
 ② CLOSED POSITION TO OPEN POSITION AT 180° PLUS RETURN TO INITIAL CLOSED POSITION; AT AMBIENT TEMPERATURE.



REF.:TR ST-20

SOUTHCO PERFORMANCE GUIDELINES:  
 THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDELINE 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.

THIRD ANGLE PROJECTION	
MILLIMETERS [IN]	
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°
PER ASME Y14.5M-2009	

**southco**  
 CONNECT • CREATE • INNOVATE

DESCRIPTION: ST-11A HINGE

SIZE: B	SYSTEM: NX	DWG NO.: TD-ST-11A-J
DRAWN BY: JT	DATE: 07OCT08	SCALE: 1:1 SHEET: 1 OF 1

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