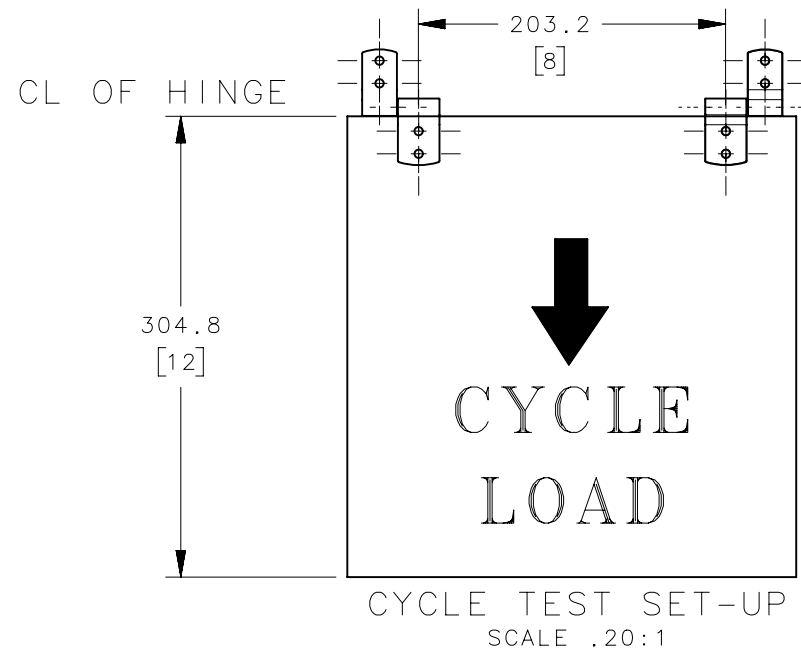
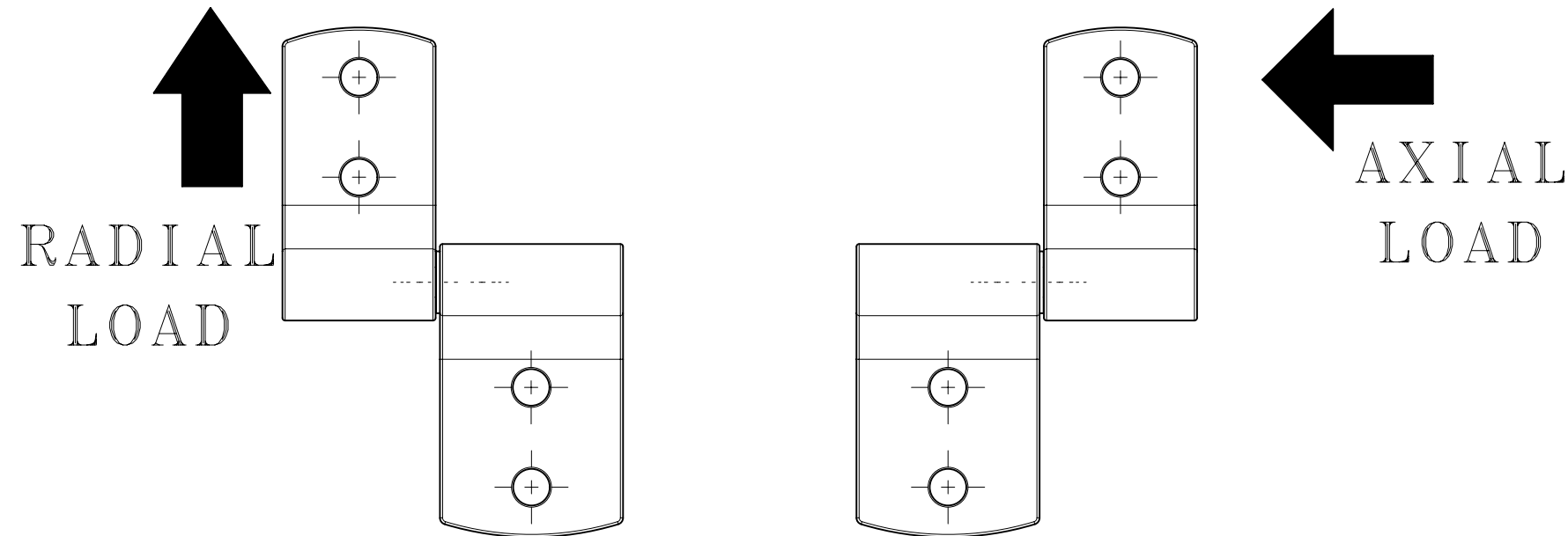


PART NUMBERS		MAXIMUM STATIC RADIAL LOAD N / lb ①	MAXIMUM STATIC AXIAL LOAD N / lb ①	MAXIMUM STATIC AXIAL LOAD N / lb	CYCLE LIFE 1.34 kg (2.9483 lbs) ②
TYPE A	TYPE B				
ST-10A-80SA-33	ST-10A-80SB-33	600N / 112	800N / 225	0.90 / 8	20,000
ST-10A-120SA-33	ST-10A-120SB-33			1.35 / 12	
ST-10A-160SA-33	ST-10A-160SB-33			1.81 / 16	
ST-10A-200SA-33	ST-10A-200SB-33			2.26 / 20	
ST-10A-120FA-33	ST-10A-120FB-33			1.35 / 12	
ST-10A-160FA-33	ST-10A-160FB-33			1.82 / 16	
ST-10A-200FA-33	ST-10A-200FB-33			2.26 / 20	
ST-10A-240FA-33	ST-10A-240FB-33			2.71 / 24	
ST-10A-120RA-33	ST-10A-120RB-33			1.35 / 12	
ST-10A-160RA-33	ST-10A-160RB-33			1.81 / 16	
ST-10A-200RA-33	ST-10A-200RB-33			2.26 / 20	
ST-10A-240RA-33	ST-10A-240RB-33			2.71 / 24	

REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	07OCT09	JT	INITIAL RELEASE

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.



THIS DRAWING WAS INCORRECTLY NAMED WHEN UPLOADED. PLEASE REFER TO TD-ST-11A-J_revA FOR THE CORRECT DRAWING.

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		southco CONNECT • CREATE • INNOVATE	
MILLIMETERS [IN]			
TOLERANCES UNLESS OTHERWISE NOTED		DESCRIPTION ST-11A HINGE	
UP TO 0.5 ±0.05		SIZE B	SYSTEM NX
OVER 0.5 UP TO 6 ±0.1		DWG NO. TD-ST-11A-J	
OVER 6 UP TO 30 ±0.2		DRAWN BY JT	
OVER 30 ±0.3		DATE 07OCT08	
ANGLES ±1°		SCALE 1:1	
PER ASME Y14.5M-1994		SHEET 1 OF 1	

PROPRIETARY ITEM
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