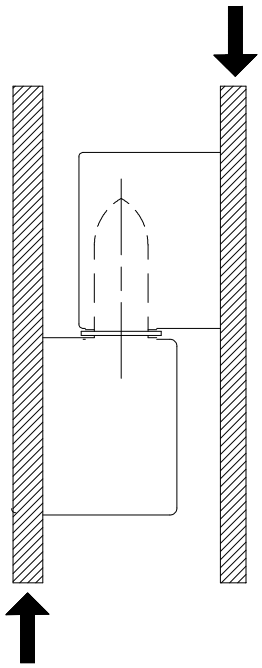
SOUTHCO PERFORMANCE GUIDELINES

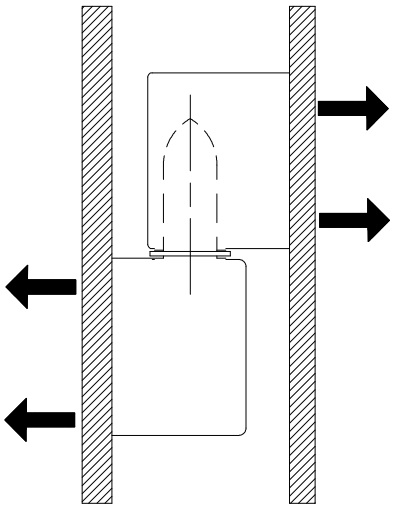
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED IT IS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

MOUNTING SCREW TIGHTENING TORQUE NOT TO EXCEED 2.8 NEWTON METERS (25 INCH-POUNDS) FOR 5.1 mm (.20 INCH) THREAD ENGAGEMENT. MAXIMUM TIGHTENING TORQUE WILL BE LESS FOR LOWER THREAD ENGAGEMENT.

SHEAR LOADING



TENSILE LOADING



PART NUMBER	WORKING TENSILE LOAD	ULTIMATE TENSILE LOAD	WORKING SHEAR LOAD	ULTIMATE SHEAR LOAD
300 SERIES	890 N (200 LBS)	1330 N (300 LBS)	1560 N (350 LBS)	2450 N (550 LBS)
400 SERIES	2000 N (450 LBS)	2670 N (600 LBS)	2000 N (450 LBS)	5040 N (1130 LBS)

① WORKING LOAD is the maximum force that the product will withstand without affecting the operation or appearance of the product.

② Average ULTIMATE LOAD causes failure of the product or sufficient deformation to make the product inoperable.

REF: 96-3

DRAWING NUMBER TD-96-1-J

A PAPER SIZE

THIRD ANGLE PROJECTION

SCALE NTS

CHKD

DRAWN RJB

DATE 7-14-82

No. 96 NYLON LIFT-OFF HINGES

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REV	DATE	DRAWN/CHKD	DESCRIPTION
C	09APR2002	GDM	UPDATE FORMAT
D	08AUG2014	CMS/BGL	PRN: P2014-1595

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