REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	12JUN2018	IR/MJS	PRN: P2018-1438

SOUTHCO PERFORMANCE GUIDELINES:

THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH THE 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 USERS PARTICULAR APPLICATION.

COMPRESSIVE STRENGTH

MAXIMUM STATIC LOAD: 600 N (135 lbf)
AVERAGE ULTIMATE LOAD: 2667 N (600 lbf)

INSTALLATION TORQUE

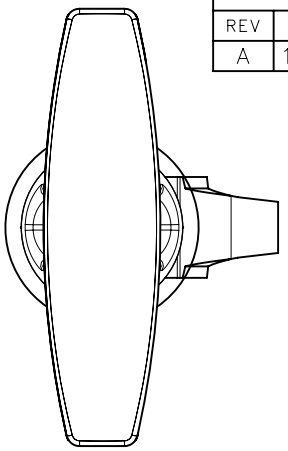
MOUNTING NUT (M22): 20 Nm (177 lbf-in)

CYCLE LIFE

~10,000 CYCLES WITH 450 N PAWL LOAD

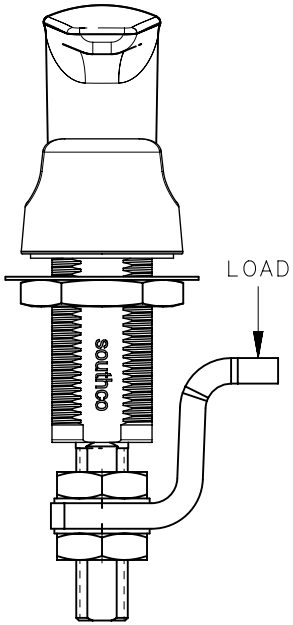
SHOCK AND VIBRATION

RESISTANT PER DIN EN 61373
CATEGORY 1, CLASS B



ASSEMBLY PART LIST:

E3-11-X12
E3-160-X12
E3-221-X12
E3-2260-X12



ADJUSTABLE GRIP VERSION

DEFINITIONS

MAXIMUM WORKING LOAD - THE MAXIMUM RECOMMENDED LOAD AT WHICH THE PRODUCT CONTINUES TO FUNCTION PROPERLY.

AVERAGE ULTIMATE LOAD - THE LOAD THAT CAUSES FAILURE OR EXCESSIVE DEFORMATION WHICH RENDERS THE PRODUCT INOPERABLE.

REF: trE3-24930, trE3-24931

SURFACE AREA mm²
VOLUME mm³

PROPRIETARY ITEM

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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-1994

southco®
CONNECT·CREATE·INNOVATE

DESCRIPTION
E3 VISE ACTION™ COMPRESSION LATCH ASSEMBLY
SINGLE HOLE MOUNT, ADJUSTABLE GRIP, STAINLESS

SIZE	SYSTEM	DWG NO.
A4	NX	TD-E3-20-J

DRAWN BY	DATE	SCALE	SHEET
IR/	11OCT2016	DNS	1 OF 1