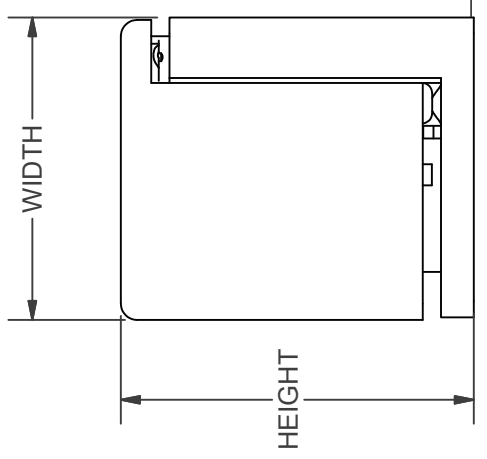


CABLE EXIT



MOTOR	TRAVEL	LENGTH	WIDTH	HEIGHT	A	B	C	D	E	F	G	H	I	J	K
VC	6	80	60	70	30	60	60	46	46	25	30	35	M4	M4	M3

* All units millimeters unless otherwise noted. Force units are Newtons.
 * Motor type is voice coil (VC) or linear brushless motor (LM) designator in model number.
 * All hole patterns centered on M5 dowel pin hole at center of stage (if not otherwise indicated).

STANDARD FEATURES

Stage	Z Stage
Travel	6 mm
Motor	Voice Coil or Ironless Core Linear Motor
Feedback	Non-Contact Optical Encoder
Scale	Gold Tape Scale
Resolution	Optional: Near Zero CTE ZeroMet 1Vp-p Analog Output (5nm with 4096 Interpolation) Digital Output Options: 5um, 1um, 0.5um, 0.2um, 100nm, 50nm, 20nm**, 10nm**, and 5nm** (* ** Reduced Speeds Apply)
Sensors	Integrated Home and End of Travel Limits
Bearings	High Precision Crossed Roller Bearings
Counterbalance	Spring (Multiple Springs Provided with Each Unit)
Max Payload	2.5 kg
Cables	High Flex, 10M Cycle, 3m Length
Structure	Anodized Aluminum 6061-T6 Optional: Stainless Steel
Environment	Standard Optional: Clean Room
Temperature	0°C to 50°C
Humidity	10% to 80% Non-Condensing
Precision	6-D Nano Precision™ Test Methods

ALIO INDUSTRIES PROPRIETARY INFORMATION
 (Tel) 303.339.7500 - SALES@ALIOINDUSTRIES.COM - WWW.ALIOINDUSTRIES.COM



DRAWN	5/12/2012	TITLE	
NBROWN		AI-(MOTOR)-(TRAVEL)00-Z-SCB	
CHECKED		SIZE	B
		DWG NO	0010-08034
		FINISH	SEE NOTES
		SCALE	ALIO STD TEMPLATE - REV 006
		REV	001

NOTE: MODEL AI-VC-600-Z-SCB SHOWN.