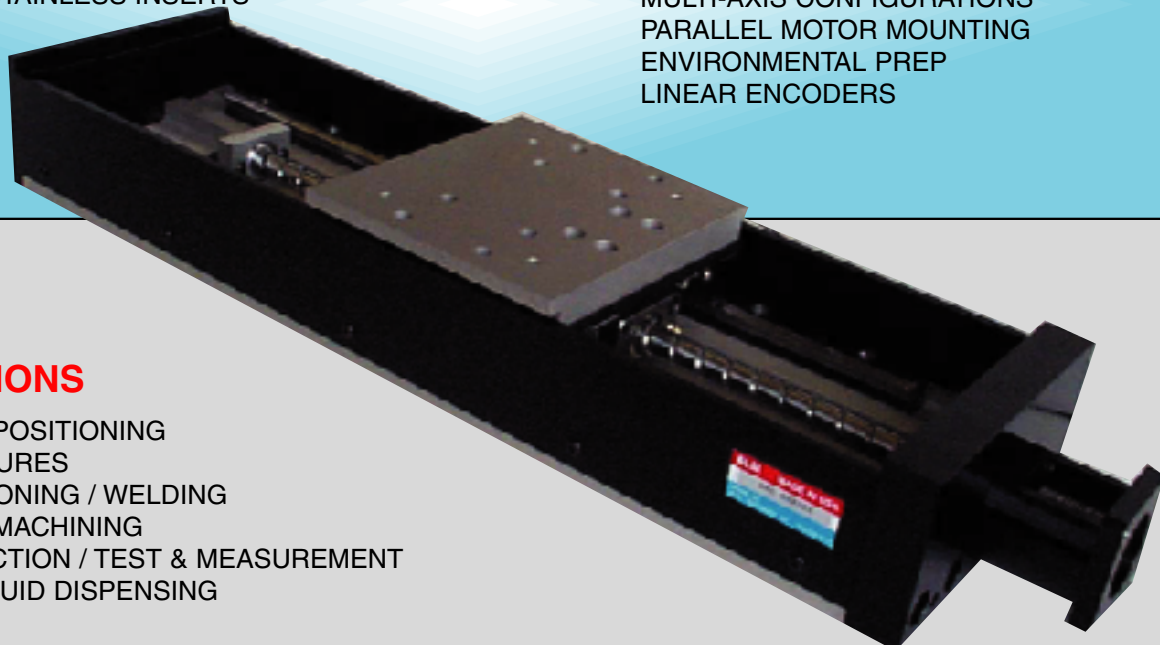


PRODUCT FEATURES

150mm WIDTH x 60mm HEIGHT
 STROKES TO 900 MM (35.43)
 (2) LINEAR GUIDES (4) PUCKS
 23 FRAME NEMA MOTOR MOUNT
 M6 LOCKING STAINLESS INSERTS

PRODUCT OPTIONS

HOME / LIMIT SWITCHES
 BELLOWS / WAYCOVERS
 NEMA 17 FRAME MOTOR MOUNT
 IMPERIAL / ENGLISH MOUNTING HOLES
 MULTI-AXIS CONFIGURATIONS
 PARALLEL MOTOR MOUNTING
 ENVIRONMENTAL PREP
 LINEAR ENCODERS



APPLICATIONS

COMPONENT POSITIONING
 TOOLING FIXTURES
 LASER POSITIONING / WELDING
 COMPONENT MACHINING
 VISION INSPECTION / TEST & MEASUREMENT
 ADHESIVE / FLUID DISPENSING

Performance Specifications

Screw Dependent	Drive Screw Options			
	L (C7)	RB (C7)	UL (C3)	GB (C3)
Positional Accuracy – m/mm (x 0.001 /in)	6 (.00025)	20 (.0008)	.8 (.00003)	.6 (.000025)
Positional Repeatability – m (0.001)	1 (.00004)	125 (.005)	1 (.00004)	1 (.000025)
Maximum Screw Speed – RPS *	40	60	20	60
Maximum Acceleration – mm/sec ² –in/sec ² #	9800 (386)	19600 (770)	7350 (290)	19600 (770)
Drive Screw Efficiency – %	20 - 80 +	90	25 - 40 +	85
Drive Screw Diameter – mm (in)	15.9 (.63)	19.1 (.75)	19.1 (.75)	16.0 (.63)
Breakaway Torque (No Load) – N-m (oz/in)	0,154 (22)	0,140 (20)	0,196 (28)	0,182 (26)
Constant Speed Torque – N-m (oz/in)	0,140 (20)	0,098 (14)	0,168 (24)	0,154 (22)
Axial Loading – Kgf (lbs)	113,5 (250)	145,3 (320)	45,4 (100)	145,3 (320)

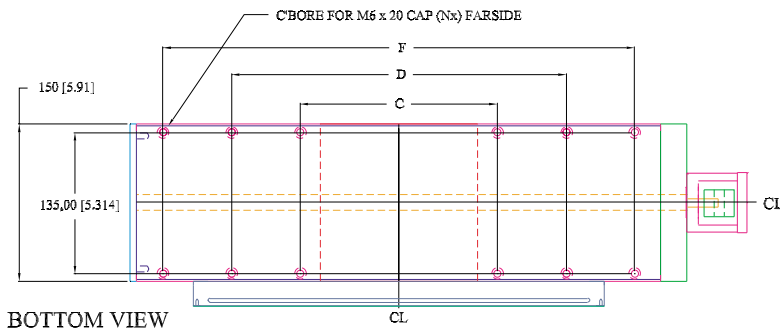
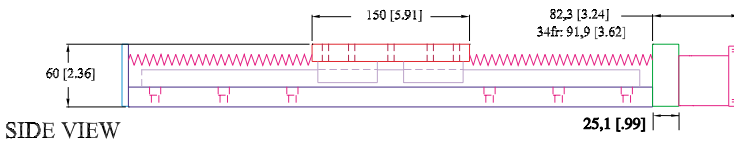
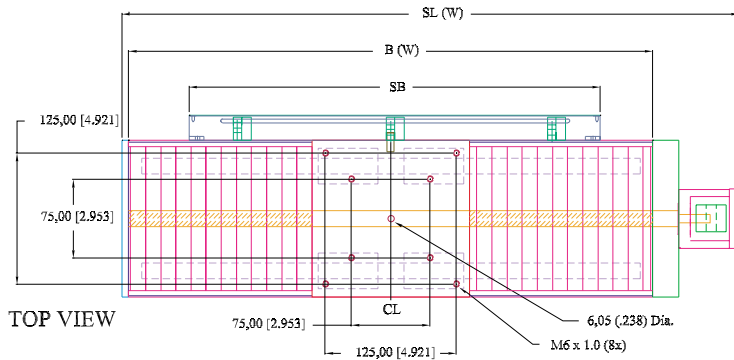
(+ Fine leads minimize efficiency) (# Limited by maximum axial force) (* Speeds may be increased with support modifications)

Stroke Length (in) Dependent	100 (3.937)	150 (5.906)	200 (7.874)	300 (11.811)	400 (15.748)	500 (19.685)	600 (23.622)	700 (27.559)	800 (31.496)
Straightline Accuracy – m (x 0.001)^	30 (1.81)	50 (1.97)	60 (2.36)	100 (3.94)	150 (5.91)	180 (7.09)	220 (8.66)	260 (10.24)	300 (11.81)
Flatness of Travel – m (x 0.001)^	30 (1.81)	50 (1.97)	60 (2.36)	100 (3.94)	150 (5.91)	180 (7.09)	220 (8.66)	260 (10.24)	300 (11.81)
Table Weight – Kgf (lbs)	7,2 (15.9)	7,9 (17.3)	8,5 (18.7)	9,8 (21.5)	11,1 (24.4)	12,3 (27.2)	13,7 (30.1)	15,0 (33.1)	16,8 (36.9)

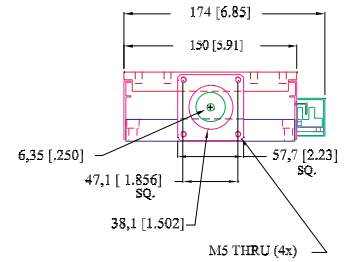
(^ higher grade accuracy available. Please consult factory)

Fixed Parameters

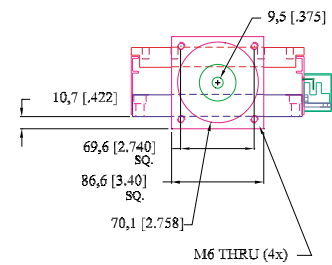
Static Horizontal Loading (on center) – Kgf (lbs)	2724 (6000)	Moment Loading (Pitch) – N-m (lb/ft)	690 (511)
Dynamic Horiz. Loading (on center) - Kgf (lbs)	908 (2000)	Moment Loading (Yaw) – N-m (lb/ft)	690 (511)
Inverted Loading (on center) – Kgf (lbs)	681 (1500)	Moment Loading (Roll) – N-m (lb/ft)	1012 (750)
Per Bearing Load - Kgf (lbs)	850 (1872)	Coefficient of Friction – %	0.04
Inverted Per Bearing Load – Kgf (lbs)	850 (1872)	Carriage Weight – Kgf (lbs)	1,20 (2.65)



NEMA 23 MOUNT (STANDARD)

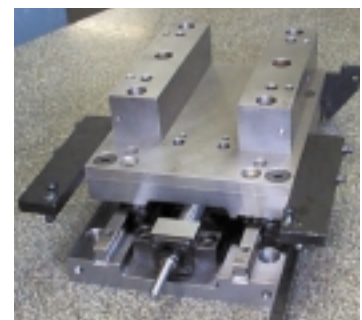


NEMA 34 MOUNT



(W) = WAYCOVER OPTION
SHOWN WITH WAYCOVER, (SOS) SWITCH OPTION

STROKE	SL	SLW	BL	BLW	C	D	F	N	SB
100	339 (13.32)	389 (15.29)	250 (9.843)	300 (11.81)	200 (7.874)	—	—	4	185 (7.3)
150	389 (15.29)	439 (17.26)	300 (11.811)	350 (13.78)	200 (7.874)	—	—	4	245 (9.6)
200	439 (17.26)	519 (20.41)	350 (13.780)	430 (16.93)	250 (9.843)	—	—	4	305 (12.0)
300	539 (21.19)	639 (25.13)	450 (17.717)	550 (21.65)	200 (7.874)	400 (15.748)	—	8	400 (15.8)
400	639 (25.13)	769 (30.25)	550 (21.654)	680 (26.77)	250 (9.843)	500 (19.685)	—	8	500 (19.7)
500	739 (29.07)	889 (34.97)	650 (25.591)	800 (31.50)	250 (9.843)	600 (23.622)	—	8	600 (23.6)
600	839 (33.01)	989 (38.91)	750 (29.528)	900 (35.43)	200 (7.874)	450 (17.717)	700 (7.559)	12	700 (27.6)
700	939 (36.94)	1119 (44.03)	850 (33.465)	1030 (40.55)	250 (9.843)	550 (21.654)	800 (31.496)	12	800 (31.5)
800	1039 (40.88)	1239 (48.75)	950 (37.402)	1150 (45.28)	300 (11.811)	600 (23.622)	900 (35.433)	12	900 (35.4)
900	1139 (44.84)	1389 (54.69)	1050 (41.34)	1300 (51.18)	300 (11.811)	600 (23.622)	1000 (39.37)	12	1000 (39.4)
1000	1239 (48.78)	1489 (58.62)	1150 (45.28)	1400 (55.12)	300 (11.811)	600 (23.622)	1100 (43.31)	12	1100 (43.3)



See How To Order On Page 17