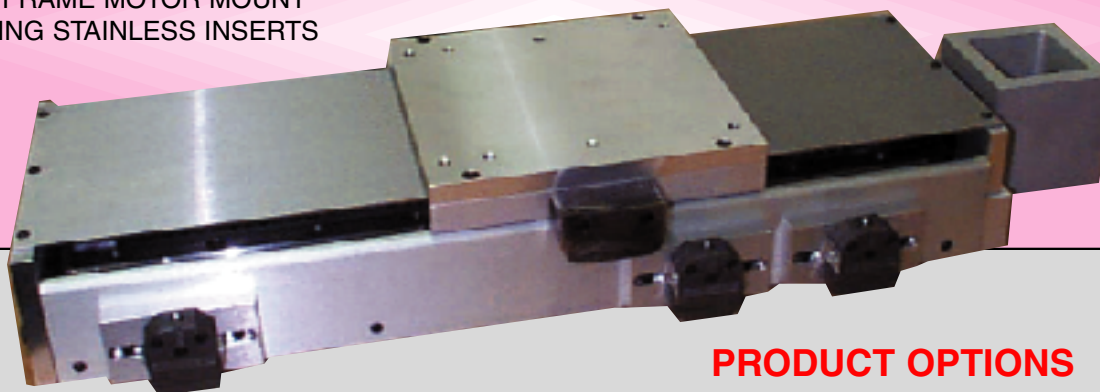


PRODUCT FEATURES

200mm WIDTH x 100mm HEIGHT
 STROKES TO 1600mm (63")
 (2) LINEAR GUIDES; (4) PUCKS
 NEMA 34 FRAME MOTOR MOUNT
 M6 LOCKING STAINLESS INSERTS



APPLICATIONS

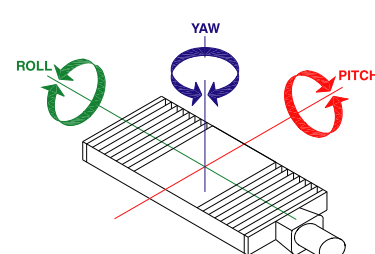
COMPONENT POSITIONING
 LASER POSITIONING / WELDING
 COMPONENT MACHINING
 VISION INSPECTION / TEST & MEASUREMENT
 ADHESIVE / FLUID DISPENSING

PRODUCT OPTIONS

HOME / LIMIT SWITCHES
 BELLOWS / WAYCOVERS
 NEMA 23 & 42 FRAME MOTOR MOUNT
 IMPERIAL / ENGLISH MOUNTING HOLES
 MULTI-AXIS CONFIGURATIONS
 PARALLEL MOTOR MOUNTING
 ENVIRONMENTAL PREP
 LINEAR ENCODERS

Performance Specifications

Screw Dependent	Drive Screw Options		
	L (C7)	RB (C7)	GB (C3)
Positional Accuracy – m/mm (x 0.001 /in)	6 (.00025)	20 (.0008)	.6 (.000025)
Positional Repeatability – m (0.001)	100 (.004)	125 (.005)	1 (.00004)
Maximum Screw Speed – RPS *	40	60	60
Maximum Acceleration – mm/sec ² –in/sec ² #	9800 (386)	19600 (770)	19600 (770)
Drive Screw Efficiency – %	20 - 80 +	90	85
Drive Screw Diameter – mm (in)	25.4 (1.0)	25.4 (1.0)	25.0 (.98)
Breakaway Torque (No Load) – N-m (oz/in)	0,252 (36)	0,224 (32)	0,280 (40)
Constant Speed Torque – N-m (oz/in)	0,210 (30)	0,196 (28)	0,252 (36)
Axial Loading – Kgf (lbs) ^	227.0 (500)	817 (1800)	817 (1800)



(^ Axial loading may be increased)

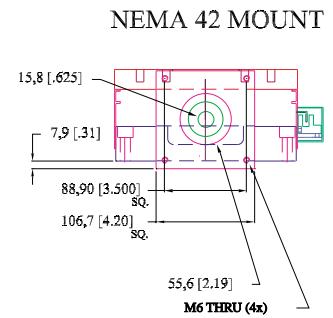
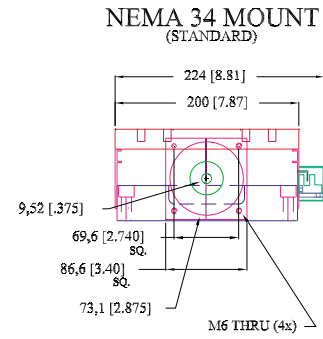
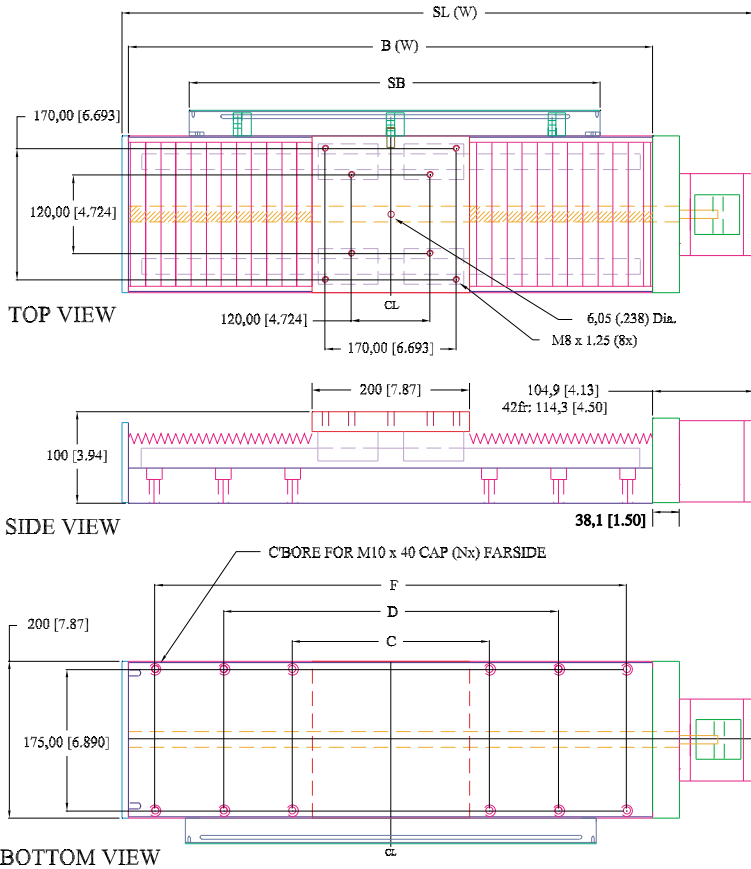
(+ Fine leads minimize efficiency) (# Limited by maximum axial force) (* Speeds may be increased with support modifications)

Stroke Length (in) Dependent	200 (7.874)	300 (11.811)	400 (15.748)	500 (19.685)	600 (23.622)	800 (31.496)	1000 (39.370)	1200 (47.244)	1600 (62.992)
Straightline Accuracy – m (x 0.001)^	60 (2.36)	100 (3.94)	150 (5.91)	180 (7.09)	220 (8.66)	260 (10.24)	300 (11.81)	350 (13.78)	440 (17.32)
Flatness of Travel – m (x 0.001)^	60 (2.36)	100 (3.94)	150 (5.91)	180 (7.09)	220 (8.66)	260 (10.24)	300 (11.81)	350 (13.78)	440 (17.32)
Table Weight – Kgf (lbs)	19,1 (42)	30,5 (48)	24,5 (54)	27,7 (61)	30,4 (67)	36,3 (80)	42,2 (93)	47,7 (105)	54,5 (120)

(^ higher grade accuracy available. Please consult factory)

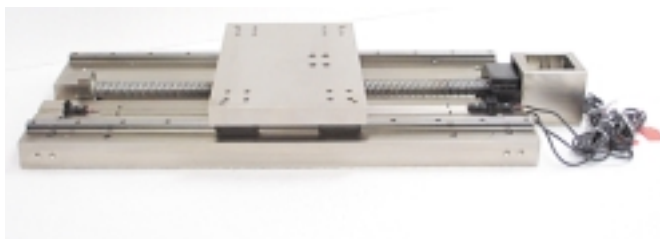
Fixed Parameters

Static Horizontal Loading (on center) – Kgf (lbs)	4086 (9000)	Moment Loading (Pitch) – N-m (lb/ft)	690 (511)
Dynamic Horiz. Loading (on center) - Kgf (lbs)	2179 (4800)	Moment Loading (Yaw) – N-m (lb/ft)	690 (511)
Inverted Loading (on center) – Kgf (lbs)	998 (2200)	Moment Loading (Roll) – N-m (lb/ft)	1012 (750)
Per Bearing Load - Kgf (lbs)	2030 (4473)	Coefficient of Friction – %	0.04
Inverted Per Bearing Load – Kgf (lbs)	2030 (4473)	Carriage Weight – Kgf (lbs)	1,20 (2.65)



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

STROKE	SL	SLW	BL	BLW	C	D	F	N	SB
200	515 (20.08)	615 (24.21)	400 (15.575)	500 (19.69)	300 (11.811)	—	—	4	300 (11.8)
300	615 (24.21)	715 (28.12)	500 (19.685)	600 (23.62)	400 (15.575)	—	—	4	400 (15.6)
400	715 (28.12)	865 (34.03)	600 (23.622)	750 (29.53)	250 (9.843)	550 (21.654)	—	8	500 (19.7)
500	815 (32.06)	965 (37.96)	700 (27.559)	850 (33.46)	250 (9.843)	650 (25.591)	—	8	600 (23.6)
600	915 (36.00)	1115 (43.87)	800 (31.496)	1000 (39.37)	300 (11.811)	750 (29.528)	—	8	700 (27.6)
800	1115 (43.87)	1365 (53.71)	1000 (39.370)	1250 (49.21)	300 (11.811)	950 (37.402)	—	8	900 (35.4)
1000	1315 (51.74)	1615 (63.56)	1200 (47.244)	1500 (59.06)	300 (11.811)	750 (29.528)	1150 (45.276)	12	1100 (43.3)
1200	1415 (59.69)	1865 (73.40)	1400 (55.118)	1750 (68.90)	300 (11.811)	900 (35.433)	1350 (53.150)	12	1300 (51.2)
1600	1915 (75.37)	2365 (93.18)	1800 (70.866)	2250 (88.58)	400 (15.748)	1150 (45.276)	1750 (68.898)	12	1700 (66.9)



See How To Order On Page 17