

Dimensions & Specifications

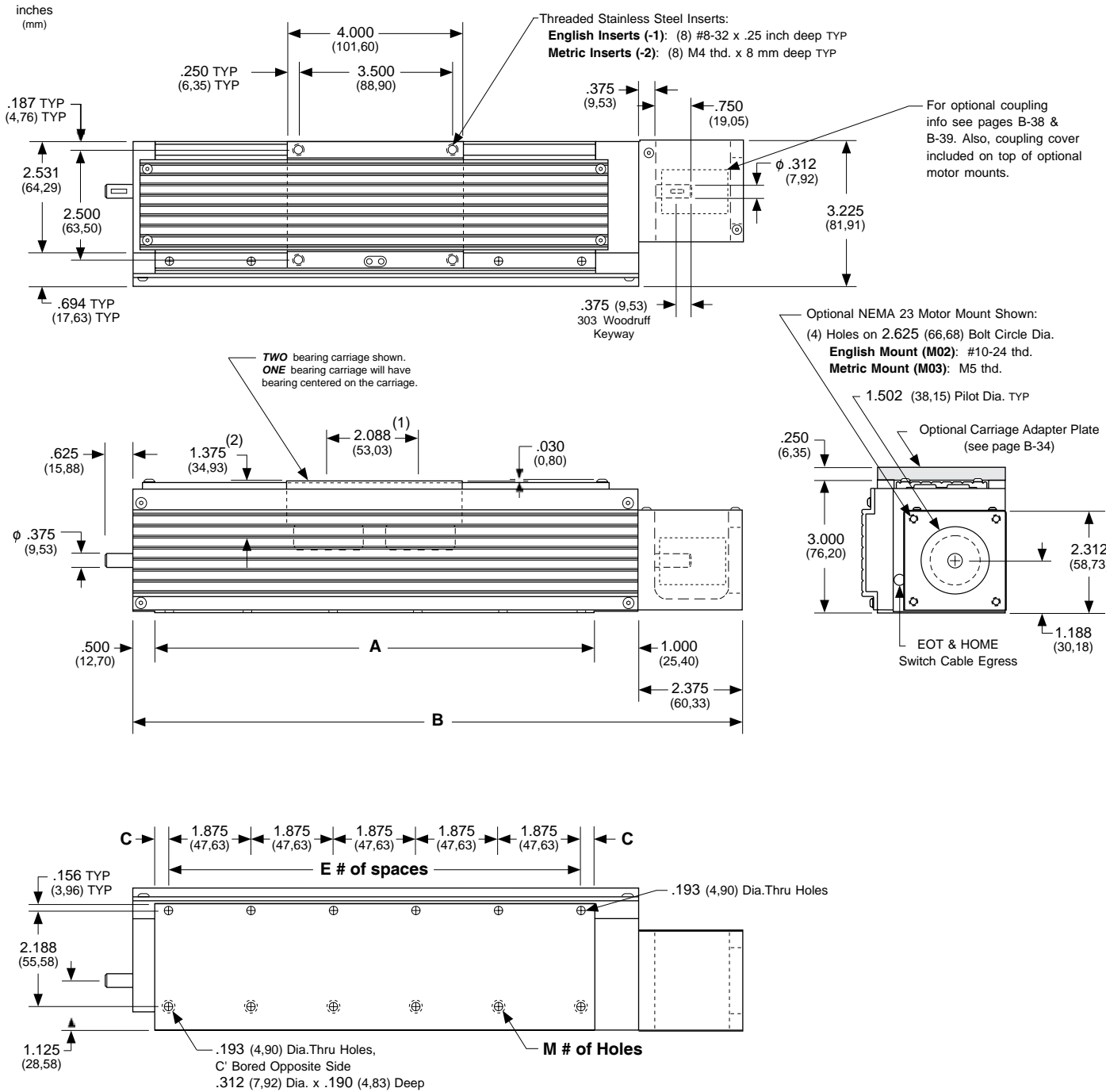
Model Number	Travel Length inches (mm)	Table Dimensions inches (mm)		Mounting Dimensions inches (mm)			Screw Length inches (mm)	Table Weight <sup>(1)</sup> lbs (kg)
		A	B	C	E	M		
13x402-CP2	2 (50)	6.0 (152,4)	9.875 (250,8)	0.188 (4,8)	3	8	9.25 (235)	5.7 (2,58)
13x404-CP2	4 (100)	8.0 (203,2)	11.875 (301,6)	1.188 (30,2)	3	8	11.25 (286)	6.4 (2,90)
13x406-CP2	6 (150)	10.0 (254,0)	13.875 (352,4)	0.313 (8,0)	5	12	13.25 (337)	7.0 (3,17)
13x408-CP2	8 (200)	12.0 (304,8)	15.875 (403,2)	1.313 (33,4)	5	12	15.25 (387)	7.6 (3,45)
13x412-CP2	12 (300)	16.0 (406,4)	19.875 (504,8)	1.438 (36,5)	7	16	19.25 (489)	9.1 (4,13)
13x416-CP2	16 (405)	20.0 (508,0)	23.875 (606,4)	1.563 (39,7)	9	20	23.25 (591)	10.4 (4,72)
13x420-CP2	20 (505)	24.0 (609,6)	27.875 (708,0)	1.688 (42,9)	11	24	27.25 (692)	11.7 (5,31)
13x424-CP2	24 (605)	28.0 (711,2)	31.875 (809,6)	1.813 (46,1)	13	28	31.25 (794)	13.1 (5,94)
13x430-CP2	30 (760)	34.0 (863,6)	37.875 (962,0)	1.063 (27,0)	17	36	37.25 (946)	15.1 (6,85)
13x436-CP2	36 (910)	40.0 (1016,0)	43.875 (1114,4)	0.313 (8,0)	21	44	43.25 (1099)	17.1 (7,76)
13x442-CP2	42 (1060)	46.0 (1168,4)	49.875 (1266,8)	1.438 (36,5)	23	48	49.25 (1251)	19.1 (8,66)
13x448-CP2	48 (1215)	52.0 (1320,8)	55.875 (1419,2)	0.688 (17,5)	27	56	55.25 (1403)	21.2 (9,62)
13x454-CP2	54 (1370)	58.0 (1473,2)	61.875 (1571,6)	1.813 (46,1)	29	60	61.25 (1556)	23.2 (10,52)
13x460-CP2	60 (1520)	64.0 (1625,6)	67.875 (1724,0)	1.063 (27,0)	33	68	67.25 (1708)	25.3 (11,47)

x = 1; Carriage has 1 bearing; Carriage weight = 1.4 lbs. (0,64 kg)  
 x = 2; Carriage has 2 bearings; Carriage weight = 1.5 lbs. (0,68 kg)

Footnotes:

(1) Weight shown is with a 0.625 inch (16 mm) diameter screw, a 1 bearing carriage [1.1 lbs (0,55 kg)], a NEMA 23 motor mount [0.34 lbs (0,16 kg)], and a C100 style [0.09 lbs (0,04 kg)] coupling. When using a 0.500 inch diameter screw subtract 0.022 lbs per inch (0,00039 kg per mm) of screw length for a given model number. When using a 2 bearing carriage add 0.1 lbs (0,05 kg) to each value.

- With Top & Side Cover Plates -



- (1) This value is center to center distance (spacing) of the bearings on a single rail (d<sub>c</sub>).
- (2) This value is center distance of the bearing to top of carriage plate surface (d<sub>c</sub>). Add .250 inch (6,35 mm) if using a carriage adapter plate.

**Note:** Any 130 series table can be mounted on top of a second 130 series table, in order to create X-Y multiple axis configurations. **LINTECH** recommends that a 2 bearing carriage be used for the bottom axis, and that the top axis should never extend out more than 18 inches in either direction, from the bottom axis carriage edge, without the use of a support bearing system on the outer edges of the top axis. The 130-CP1, 130-CP2 or 140 series requires a **Carriage Adapter Plate** option. The carriage's threaded stainless steel insert hole pattern exactly matches the base mounting hole pattern on each table, therefore no adapter bracket or extra machining is required. However a precision square tool, or micrometer depth gauge, is required in order to obtain an orthogonality between the two tables of < 30 arc-seconds. The table base, carriage top & carriage sides are all precision machined. **LINTECH's** 100 or 120 series tables should be used for the bottom axis in a multiple axes application for better system rigidity, performance, and life.