Dimensions & Specifications

Model Number	Travel Length inches (mm)	Table Dimensions inches (mm) A	Table Dimensions inches (mm) B	Mounting Dimensions inches (mm) C	Mounting Dimensions inches (mm) E	Mounting Dimensions inches (mm) M	Belt Weight ounces (gm)	Table Weight (1) lbs (kg)
14x4004-CP1	4 (100)	8.0 (203,2)	14.0 (355,6)	1.188 (30,2)	3	8	1.3 (36,8)	5.7 (2,6)
14x4006-CP1	6 (150)	10.0 (254,0)	16.0 (406,4)	0.313 (8,0)	5	12	1.5 (42,5)	6.3 (2,9)
14x4008-CP1	8 (200)	12.0 (304,8)	18.0 (457,2)	1.313 (33,4)	5	12	1.7 (48,2)	6.9 (3,1)
14x4012-CP1	12 (300)	16.0 (406,4)	22.0 (558,8)	1.438 (36,5)	7	16	2.1 (59,5)	7.8 (3,5)
14x4016-CP1	16 (405)	20.0 (508,0)	26.0 (660,4)	1.563 (39,7)	9	20	2.5 (70,9)	9.0 (4,1)
14x4020-CP1	20 (505)	24.0 (609,6)	30.0 (762,0)	1.688 (42,9)	11	24	2.9 (82,2)	10.3 (4,7)
14x4024-CP1	24 (605)	28.0 (711.2)	34.0 (863,6)	1.813 (46,1)	13	28	3.3 (93,6)	11.6 (5,3)
14x4030-CP1	30 (760)	34.0 (863,6)	40.0 (1016,0)	1.063 (27,0)	17	36	3.9 (110,6)	13.1 (5,9)
14x4036-CP1	36 (910)	40.0 (1016,0)	46.0 (1168,4)	0.313 (8,0)	21	44	4.5 (127,6)	15.0 (6,8)
14x4042-CP1	42 (1060)	46.0 (1168,4)	52.0 (1320,8)	1.438 (36,5)	23	48	5.1 (144,6)	16.9 (7,7)
14x4048-CP1	48 (1215)	52.0 (1320,8)	58.0 (1473,2)	0.688 (17,5)	27	56	5.7 (161,6)	18.9 (8,6)
14x4054-CP1	54 (1370)	58.0 (1473,2)	64.0 (1625,6)	1.813 (46,1)	29	60	6.3 (178,6)	20.8 (9,4)
14x4060-CP1	60 (1520)	64.0 (1625,6)	70.0 (1778,0)	1.063 (27,0)	33	68	6.9 (195,6)	22.8 (10,3)

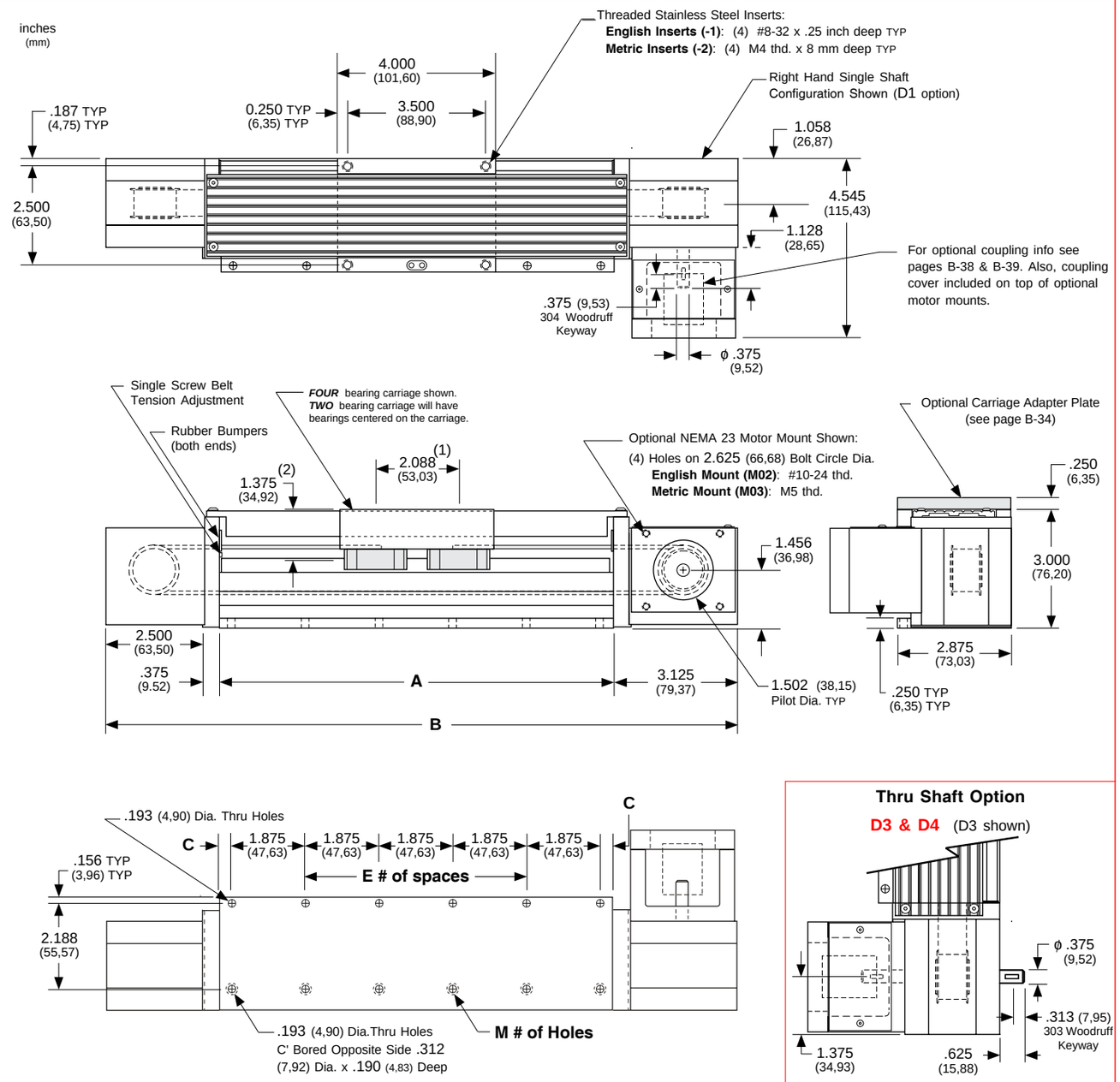
x = 1; Carriage has 1 bearing; Carriage weight = 1.4 lbs. (0,64 kg)

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

Footnotes:

(1) Weight shown is with a 1 bearing carriage [1.4 lbs (0,64 kg)], a NEMA 23 motor mount [0.34 lbs (0,16 kg)], and a H100 style [0.08 lbs (0,04 kg)] coupling. When using a 2 bearing carriage add 0.1 lbs (0,04 kg) to each value.

- With Top Cover Plate Only -



(1) This value is center to center distance (spacing) of the bearings on a single rail (d_2).

(2) This value is center distance of the bearing to top of carriage plate surface (d_r).

Note: Any 130 or 140 series table can be mounted on top of a second 130 or 140 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 mutiple axes application for better system rigidity, performance, and life.