

Dimensions & Specifications

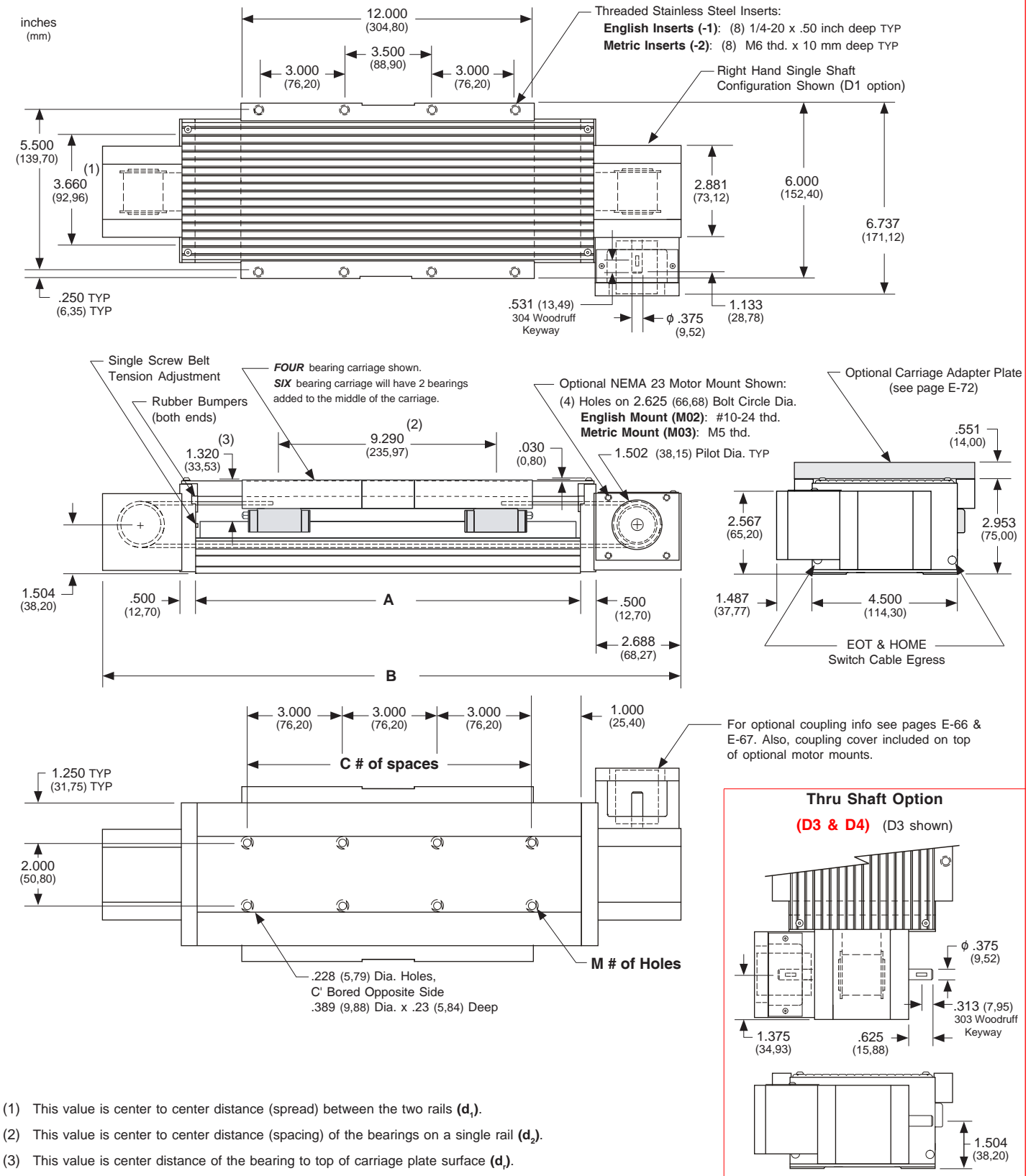
| Model Number | Travel <sup>(1)</sup><br>Length<br>inches<br>(mm) | Table Dimensions<br>inches<br>(mm) |                    | Mounting Dimensions<br>inches<br>(mm) |    | Belt Weight<br>ounces<br>(kg) | Table <sup>(2)</sup><br>Weight<br>lbs<br>(kg) |
|--------------|---|------------------------------------|--------------------|---------------------------------------|----|-------------------------------|---|
|              |   | A                                  | B                  | C                                     | M  |                               |   |
| 18x12006-CP1 | 6<br>(150)  | 18.125<br>(460,4)                  | 24.250<br>(616,0)  | 5                                     | 12 | 5.3<br>(0,15)                 | 23.3<br>(10,6)                                |
| 18x12012-CP1 | 12<br>(300)                                       | 24.125<br>(612,8)                  | 30.250<br>(768,4)  | 7                                     | 16 | 6.8<br>(0,19)                 | 25.9<br>(11,7)                                |
| 18x12018-CP1 | 18<br>(455)                                       | 30.125<br>(765,2)                  | 36.250<br>(920,8)  | 9                                     | 20 | 8.3<br>(0,23)                 | 28.5<br>(12,9)                                |
| 18x12024-CP1 | 24<br>(605)                                       | 36.125<br>(917,6)                  | 42.250<br>(1073,2) | 11                                    | 24 | 9.8<br>(0,28)                 | 31.1<br>(14,1)                                |
| 18x12030-CP1 | 30<br>(760)                                       | 42.125<br>(1070,0)                 | 48.250<br>(1225,6) | 13                                    | 28 | 11.3<br>(0,32)                | 33.7<br>(15,3)                                |
| 18x12036-CP1 | 36<br>(910)                                       | 48.125<br>(1222,4)                 | 54.250<br>(1378,0) | 15                                    | 32 | 12.8<br>(0,36)                | 36.3<br>(16,5)                                |
| 18x12042-CP1 | 42<br>(1060)                                      | 54.125<br>(1374,8)                 | 60.250<br>(1530,4) | 17                                    | 36 | 14.3<br>(0,41)                | 38.9<br>(17,6)                                |
| 18x12048-CP1 | 48<br>(1215)                                      | 60.125<br>(308,0)                  | 66.250<br>(463,6)  | 19                                    | 40 | 3.8<br>(0,11)                 | 41.5<br>(18,8)                                |
| 18x12054-CP1 | 54<br>(1370)                                      | 66.125<br>(1679,6)                 | 72.250<br>(1835,2) | 21                                    | 44 | 17.3<br>(0,49)                | 44.1<br>(20,0)                                |

x = 4; Carriage has 4 bearings; Carriage weight = 5.0 lbs. (2,27 kg)  
 x = 6; Carriage has 6 bearings; Carriage weight = 5.8 lbs. (2,63 kg)

Footnotes:

- (1) For travels greater than 54 inches (1520 mm) a top cover plate (-CP1) cannot be used due to the sag of the cover plate.
- (2) Weight shown is with a 4 bearing carriage [5.0 lbs (2,26 kg)], a NEMA 23 motor mount [0.39 lbs (0,18 kg)], and a H100 style [0.08 lbs (0,04 kg)] coupling. When using a 6 bearing carriage add 0.8 lbs (0,36 kg) to each value.

- With Top Cover Plate Only -



- (1) This value is center to center distance (spread) between the two rails (d<sub>1</sub>).
- (2) This value is center to center distance (spacing) of the bearings on a single rail (d<sub>2</sub>).
- (3) This value is center distance of the bearing to top of carriage plate surface (d<sub>3</sub>).

Note: Any 160, 170, or 180 series table can be mounted on top of a second 160, 170 or 180 series table, in order to create X-Y multiple axis configurations. See page E-72 for optional carriage adapter plate information or contact *LINTECH* for details.