

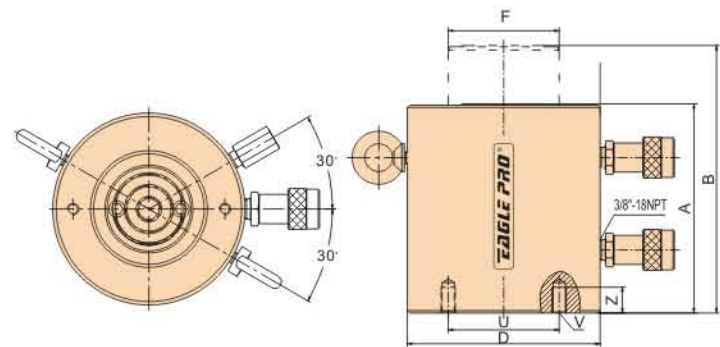


Shown from left to right:
EDX-1006, EDX-1002, EDX-2006

EDX-SERIES DOUBLE ACTING, HIGH TONNAGE CYLINDERS

Features

- ◆ Complies with ASME B30.1 standards. High grade steel cylinder is heat treated for additional strength.
- ◆ Safety valve in retraction side of cylinder helps to prevent damage in case of accidental over pressurization.
- ◆ Easy to carry with threaded hole and ring bolt.
- ◆ High flow EAB-201 quick coupler.
- ◆ Environmentally friendly painting process provides a durable corrosion resistant finish.
- ◆ Double Acting, Hydraulic return.



| Cylinder Capacity @ 700 Bar (10,000 PSI) Metric Ton (US Ton) | Stroke in | Model | Cylinder Capacity @700bar | |
|---|--------------|------------|---------------------------|-------------|
| | | | Push ton | Pull ton |
| 50 (55) | 1.97 | EDX-502 | 52.8 | 25.9 |
| | 3.94 | EDX-504 | 52.8 | 25.9 |
| | 5.91 | EDX-506 | 52.8 | 25.9 |
| | 7.87 | EDX-508 | 52.8 | 25.9 |
| | 9.84 | EDX-5010 | 52.8 | 25.9 |
| | 11.81 | EDX-5012 | 52.8 | 25.9 |
| 100 (105) | 1.97 | EDX-1002 | 92.9 | 43.3 |
| | 3.94 | EDX-1004 | 92.9 | 43.3 |
| | 5.91 | EDX-1006 | 92.9 | 43.3 |
| | 7.87 | EDX-1008 | 92.9 | 43.3 |
| | 9.84 | EDX-10010 | 92.9 | 43.3 |
| | 11.81 | EDX-10012 | 92.9 | 43.3 |
| 150 (154) | 1.97 | EDX-1502 | 140 | 68 |
| | 3.94 | EDX-1504 | 140 | 68 |
| | 5.91 | EDX-1506 | 140 | 68 |
| | 7.87 | EDX-1508 | 140 | 68 |
| | 9.84 | EDX-15010 | 140 | 68 |
| | 11.81 | EDX-15012 | 140 | 68 |
| 200 (220) | 1.97 | EDX-2002 | 184.8 | 88 |
| | 5.91 | EDX-2006 | 184.8 | 88 |
| | 11.81 | EDX-20012 | 184.8 | 88 |
| 250 (275) | 1.97 | EDX-2502 | 254 | 104.5 |
| | 5.91 | EDX-2506 | 254 | 104.5 |
| | 11.81 | EDX-25012 | 254 | 104.5 |
| 300 (330) | 1.97 | EDX-3002 | 316 | 107.6 |
| | 5.91 | EDX-3006 | 316 | 107.6 |
| | 11.81 | EDX-30012 | 316 | 107.6 |
| 400 (440) | 1.97 | EDX-4002 | 386 | 131.9 |
| | 5.91 | EDX-4006 | 386 | 131.9 |
| | 11.81 | EDX-40012 | 386 | 131.9 |
| 500 (550) | 1.97 | EDX-5002 | 511.4 | 167.8 |
| | 5.91 | EDX-5006 | 511.4 | 167.8 |
| | 11.81 | EDX-50012 | 511.4 | 167.8 |
| 600 (660) | 1.97 | EDX-6002 | 598.7 | 212.6 |
| | 5.91 | EDX-6006 | 598.7 | 212.6 |
| | 11.81 | EDX-60012 | 598.7 | 212.6 |
| 800 (880) | 1.97 | EDX-8002 | 814.9 | 251.9 |
| | 5.91 | EDX-8006 | 814.9 | 251.9 |
| | 11.81 | EDX-80012 | 814.9 | 251.9 |
| 1000 (1100) | 1.97 | EDX-10002 | 1016.5 | 362.2 |
| | 5.91 | EDX-10006 | 1016.5 | 362.2 |
| | 11.81 | EDX-100012 | 1016.5 | 362.2 |



| Cylinder Effective Area | | Oil Capacity | | Collapsed Height A | Extended Height B | Outside Diam. D | Plunger Diam. F | Base Fix Holes | | | Weight lbs | Model | Optional Tilt Saddle* Saddle Model |
|----------------------------|----------------------------|----------------------------|----------------------------|-----------------------|----------------------|--------------------|--------------------|----------------|-------|------|---------------|------------|---------------------------------------|
| Advance in ² | Retract in ² | Advance in ³ | Retract in ³ | | | | | U | V | Z | | | |
| 11.69 | 6.20 | 23.00 | 11.25 | 6.38 | 8.35 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 35.2 | EDX-502 | STX-50 |
| 11.69 | 6.20 | 45.99 | 22.51 | 8.35 | 12.28 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 41.8 | EDX-504 | STX-50 |
| 11.69 | 6.20 | 68.99 | 33.76 | 10.31 | 16.22 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 50.6 | EDX-506 | STX-50 |
| 11.69 | 6.20 | 91.99 | 45.02 | 12.28 | 20.16 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 57.2 | EDX-508 | STX-50 |
| 11.69 | 6.20 | 114.99 | 56.27 | 14.25 | 24.09 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 66 | EDX-5010 | STX-50 |
| 11.69 | 6.20 | 137.98 | 67.53 | 16.22 | 28.03 | 5.08 | 2.76 | 2.56 | 2×M12 | 0.87 | 74.8 | EDX-5012 | STX-50 |
| 20.57 | 9.59 | 40.47 | 18.88 | 7.05 | 9.02 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 61.6 | EDX-1002 | STX-100 |
| 20.57 | 9.59 | 80.95 | 37.76 | 9.02 | 12.95 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 74.8 | EDX-1004 | STX-100 |
| 20.57 | 9.59 | 121.42 | 56.64 | 10.98 | 16.89 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 88 | EDX-1006 | STX-100 |
| 20.57 | 9.59 | 161.89 | 75.52 | 12.95 | 20.83 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 101.2 | EDX-1008 | STX-100 |
| 20.57 | 9.59 | 202.37 | 94.40 | 14.92 | 24.76 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 114.4 | EDX-10010 | STX-100 |
| 20.57 | 9.59 | 242.84 | 113.28 | 16.89 | 28.70 | 6.50 | 3.74 | 3.74 | 2×M12 | 0.87 | 127.6 | EDX-10012 | STX-100 |
| 31.16 | 15.05 | 61.31 | 29.65 | 7.72 | 9.69 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 105.6 | EDX-1502 | STX-150 |
| 31.16 | 15.05 | 122.61 | 59.29 | 9.69 | 13.62 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 125.4 | EDX-1504 | STX-150 |
| 31.16 | 15.05 | 183.92 | 88.94 | 11.65 | 17.56 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 145.2 | EDX-1506 | STX-150 |
| 31.16 | 15.05 | 245.22 | 118.58 | 13.62 | 21.50 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 165 | EDX-1508 | STX-150 |
| 31.16 | 15.05 | 306.53 | 148.23 | 15.59 | 25.43 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 187 | EDX-15010 | STX-150 |
| 31.16 | 15.05 | 367.83 | 177.88 | 17.56 | 29.37 | 8.11 | 4.53 | 5.12 | 2×M12 | 0.87 | 206.8 | EDX-15012 | STX-150 |
| 41.66 | 19.47 | 81.98 | 38.34 | 8.35 | 10.31 | 9.29 | 5.31 | 6.50 | 3×M12 | 0.87 | 149.6 | EDX-2002 | STX-200 |
| 41.66 | 19.47 | 163.96 | 76.68 | 10.31 | 13.62 | 9.29 | 5.31 | 6.50 | 3×M12 | 0.87 | 181.6 | EDX-2006 | STX-200 |
| 41.66 | 19.47 | 245.94 | 115.02 | 12.28 | 18.19 | 9.29 | 5.31 | 6.50 | 3×M12 | 0.87 | 213.6 | EDX-20012 | STX-200 |
| 56.28 | 23.13 | 110.75 | 45.51 | 9.25 | 11.22 | 10.83 | 6.50 | 7.48 | 3×M12 | 0.98 | 228.8 | EDX-2502 | STX-250 |
| 56.28 | 23.13 | 221.50 | 91.02 | 11.22 | 15.15 | 10.83 | 6.50 | 7.48 | 3×M12 | 0.98 | 257.6 | EDX-2506 | STX-250 |
| 56.28 | 23.13 | 332.24 | 136.52 | 13.19 | 19.09 | 10.83 | 6.50 | 7.48 | 3×M12 | 0.98 | 305.8 | EDX-25012 | STX-250 |
| 70.12 | 23.82 | 137.98 | 46.88 | 12.28 | 14.25 | 12.20 | 7.68 | 7.09 | 3×M16 | 1.18 | 389.4 | EDX-3002 | STX-300 |
| 70.12 | 23.82 | 275.96 | 93.76 | 14.25 | 18.19 | 12.20 | 7.68 | 7.09 | 3×M16 | 1.18 | 490.6 | EDX-3006 | STX-300 |
| 70.12 | 23.82 | 413.95 | 140.64 | 16.22 | 22.13 | 12.20 | 7.68 | 7.09 | 3×M16 | 1.18 | 644.6 | EDX-30012 | STX-300 |
| 85.48 | 29.2 | 168.21 | 57.49 | 14.72 | 16.69 | 13.78 | 8.46 | 8.07 | 3×M16 | 1.18 | 594 | EDX-4002 | STX-400 |
| 85.48 | 29.2 | 336.42 | 114.98 | 18.66 | 21.50 | 13.78 | 8.46 | 8.07 | 3×M16 | 1.18 | 726 | EDX-4006 | STX-400 |
| 85.48 | 29.2 | 504.62 | 172.48 | 22.50 | 25.43 | 13.78 | 8.46 | 8.07 | 3×M16 | 1.18 | 926.2 | EDX-40012 | STX-400 |
| 113.24 | 37.14 | 222.83 | 73.11 | 16.50 | 18.46 | 15.75 | 9.84 | 9.84 | 3×M24 | 1.42 | 882.2 | EDX-5002 | STX-500 |
| 113.24 | 37.14 | 445.66 | 146.22 | 20.43 | 23.34 | 15.75 | 9.84 | 9.84 | 3×M24 | 1.42 | 1056 | EDX-5006 | STX-500 |
| 113.24 | 37.14 | 668.50 | 219.33 | 24.36 | 27.27 | 15.75 | 9.84 | 9.84 | 3×M24 | 1.42 | 1317.8 | EDX-50012 | STX-500 |
| 132.57 | 47.06 | 260.87 | 92.66 | 16.89 | 18.86 | 16.93 | 10.43 | 10.83 | 3×M24 | 1.42 | 1042.8 | EDX-6002 | STX-600 |
| 132.57 | 47.06 | 521.74 | 185.32 | 20.83 | 24.76 | 16.93 | 10.43 | 10.83 | 3×M24 | 1.42 | 1243 | EDX-6006 | STX-600 |
| 132.57 | 47.06 | 782.60 | 277.98 | 24.76 | 28.69 | 16.93 | 10.43 | 10.83 | 3×M24 | 1.42 | 1542.2 | EDX-60012 | STX-600 |
| 180.45 | 59.63 | 355.08 | 109.77 | 19.06 | 21.02 | 19.88 | 12.60 | 12.99 | 3×M24 | 1.42 | 1630.2 | EDX-8002 | STX-800 |
| 180.45 | 59.63 | 710.16 | 219.54 | 22.99 | 24.95 | 19.88 | 12.60 | 12.99 | 3×M24 | 1.42 | 1909.6 | EDX-8006 | STX-800 |
| 180.45 | 59.63 | 1065.24 | 329.31 | 26.92 | 28.88 | 19.88 | 12.60 | 12.99 | 3×M24 | 1.42 | 2327.6 | EDX-80012 | STX-800 |
| 225.14 | 80.15 | 443.01 | 157.81 | 22.20 | 24.17 | 22.05 | 13.58 | 14.76 | 3×M24 | 1.42 | 2336.4 | EDX-10002 | STX-1000 |
| 225.14 | 80.15 | 886.02 | 315.62 | 26.14 | 30.10 | 22.05 | 13.58 | 14.76 | 3×M24 | 1.42 | 2668.6 | EDX-10006 | STX-1000 |
| 225.14 | 80.15 | 1329.04 | 473.42 | 30.07 | 34.03 | 22.05 | 13.58 | 14.76 | 3×M24 | 1.42 | 3165.8 | EDX-100012 | STX-1000 |

*Note: for more information please see the page 56