

**ENERPAC** 

# **HYDRAMAX<sup>®</sup>** **HM & GT-SERIES** **TOPSIDE BOLT TENSIONERS**

High Bolt Load Capacity, Superior Performance



**ENERPAC**   
TOOLS. SERVICES. SOLUTIONS.

▼ HM10 Hydramax® Topside Tensioner



## High Bolt Load Capacities, Superior Performance



### HydraMax® Topside Tensioners

The HM-Series tensioners have been designed to fit all standard flanges, including ANSI, API and compact flanges based on Norsok L005 and generates 30% more load capacity than traditional tensioners.



### Tensioning Pumps, Hoses and Couplers

High-pressure pumps, hoses and fittings matched for use with the Enerpac Bolt Tensioners.

See [enerpac.com](http://enerpac.com)



### Ultra-high Pressure

This tool operates at ultra-high pressure, use only the specified fittings and hoses designed for these pressures.



### How to Order HydraMax® Tensioners

To provide maximum flexibility Load Cells are ordered separately from Adaptor and Bridge Kits. Example, to order a complete tensioner for a M24 x 3 threaded bolt order:

1 x Load Cell: **HM03-LC**

1 x Adaptor and Bridge Kit:  
**HM03BPM-NRS02430**



### EMC Directive and Compliances

HM-Series HydraMax® Tensioners comply to following:

Machine Directive 2006/42/EC  
ASME B30.1  
EN-ISO 4413:2010  
EN-ISO 12100:2010

- Fifteen load cells from 3/4" to 4" / M20 to M100
- Twin ports for quick connection of multiple tools
- High bolt-load capacity at maximum 21,750 psi (1500 bar)
- Long-stroke capability of 9/16 inch (15 mm) with over stroke elimination
- HM01 to HM05: mechanical over-stroke prevention, no spring return; HM06 to HM15: relief valve for over-stroke prevention, spring return
- Quick release bridge
- Stroke indicator
- Captive socket – eliminates falling object risk
- Interchangeable adapter kits available
- Anti-slip grip for more secure handling



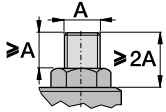
◀ Enerpac HM-Series HydraMax® tensioners have been designed to generate high-bolt loads associated with compact flanges, while providing versatility for maximum bolt coverage.

# HM-Series, HydraMax® Torsioners

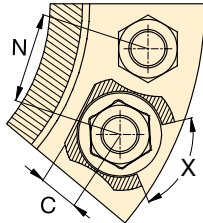


## Thread and Pitch Sizes

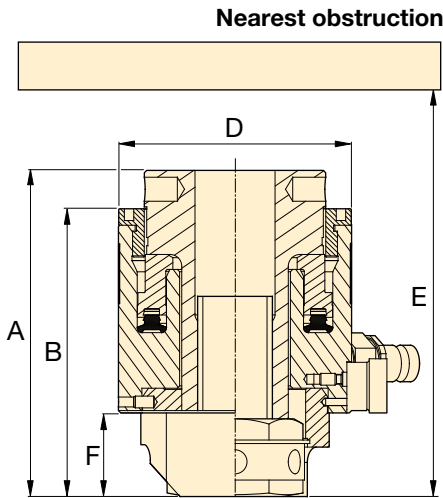
Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.



Minimum Stud Protrusion



X = Minimum socket rotation 60°



## HM Series



Bolt Range:

**3/4 - 1 1/2" | M20 - M39**

Maximum Load Capacity:

**15.1 - 70.2 tons**

Stroke:

**.39 inch - .59 inch \***

Maximum Operating Pressure:

**21,750 psi**

\* Stroke HM01 models .39 inch

Strokes all other HM-models .59 inch

Load Cell Model Number	Thread Size	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in <sup>2</sup> )	Maximum Load Capacity (tons)	Dimensions (in)							Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
					A	B	C	D	E min.	F	N min.		
HM01-LC	M20 x 2,5	HM01BPM-NRS02025	1.39	15.1	4.4	3.8	0.6	2.7	7.8	1.1	2.0	3.5	1.3
	3/4" - 10UN	HM01BP-NRS0750U10	1.39	15.1	4.4	3.8	0.6	2.7	7.8	1.1	2.0	3.5	1.3
HM02-LC	M20 x 2,5	HM02BPM-NRS02025	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.1	4.0	2.0
	M22 x 2,5	HM02BPM-NRS02225	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.1	4.0	2.0
	3/4" - 10UN	HM02BP-NRS0750U10	1.92	20.9	4.7	4.1	0.6	2.9	8.2	1.1	2.0	4.0	2.0
	7/8" - 9UN	HM02BP-NRS0875U09	1.92	20.9	4.7	4.1	0.7	2.9	8.2	1.1	2.2	4.0	1.8
HM03-LC	M20 x 2,5	HM03BPM-NRS02025	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.2	4.9	2.4
	M22 x 2,5	HM03BPM-NRS02225	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.3	4.9	2.4
	M24 x 3	HM03BPM-NRS02430	2.52	27.4	4.7	4.1	0.8	3.2	8.3	1.1	2.3	4.9	2.4
	3/4" - 10UN	HM03BP-NRS0750U10	2.52	27.4	4.7	4.1	0.6	3.2	8.3	1.1	2.2	4.9	2.4
	7/8" - 9UN	HM03BP-NRS0875U09	2.52	27.4	4.7	4.1	0.7	3.2	8.3	1.1	2.3	4.9	2.4
	1" - 8UN	HM03BP-NRS1000U08	2.52	27.4	4.9	4.3	0.8	3.2	8.5	1.3	2.4	4.9	2.4
HM04-LC	M22 x 2,5	HM04BPM-NRS02225	3.35	36.4	5.0	4.4	0.7	3.5	9.1	1.1	2.4	6.0	3.5
	M24 x 3	HM04BPM-NRS02430	3.35	36.4	5.1	4.4	0.8	3.5	9.1	1.1	2.5	6.0	3.5
	M27 x 3	HM04BPM-NRS02730	3.35	36.4	5.3	4.6	0.8	3.5	9.3	1.3	2.5	6.0	3.7
	M30 x 3,5	HM04BPM-NRS03035	3.35	36.4	5.4	4.7	0.9	3.5	9.4	1.4	2.6	6.0	3.7
	7/8" - 9UN	HM04BP-NRS0875U09	3.35	36.4	5.1	4.4	0.7	3.5	9.1	1.1	2.4	6.0	3.5
	1" - 8UN	HM04BP-NRS1000U08	3.35	36.4	5.3	4.6	0.8	3.5	9.3	1.3	2.5	6.0	3.7
	1 1/8" - 8UN	HM04BP-NRS1125U08	3.35	36.4	5.4	4.7	0.9	3.5	9.4	1.4	2.6	6.0	3.7
HM05-LC	M24 x 3	HM05BPM-NRS02430	4.27	46.4	5.1	4.5	0.7	3.9	9.2	1.1	2.7	7.3	4.2
	M27 x 3	HM05BPM-NRS02730	4.27	46.4	5.3	4.7	0.8	3.9	9.4	1.3	2.7	7.3	4.4
	M30 x 3,5	HM05BPM-NRS03035	4.27	46.4	5.5	4.8	0.9	3.9	9.5	1.4	2.8	7.3	4.4
	M33 x 3,5	HM05BPM-NRS03335	4.27	46.4	5.6	4.9	1.1	3.9	9.6	1.5	2.8	7.3	4.6
	1" - 8UN	HM05BP-NRS1000U08	4.27	46.4	5.3	4.7	0.8	3.9	9.4	1.3	2.7	7.3	4.6
	1 1/8" - 8UN	HM05BP-NRS1125U08	4.27	46.4	5.5	4.8	0.9	3.9	9.5	1.4	2.7	7.3	4.6
	1 1/4" - 8UN	HM05BP-NRS1250U08	4.27	46.4	5.6	4.9	1.1	3.9	9.6	1.5	2.8	7.3	4.6
HM06-LC	M30 x 3,5	HM06BPM-NRS03035	6.45	70.2	5.6	5.0	0.9	4.6	9.7	1.4	3.1	9.9	6.2
	M33 x 3,5	HM06BPM-NRS03335	6.45	70.2	5.7	5.1	1.1	4.6	9.8	1.5	3.2	9.9	6.4
	M36 x 4	HM06BPM-NRS03640	6.45	70.2	5.9	5.2	1.3	4.6	9.9	1.6	3.3	9.9	6.6
	M39 x 4	HM06BPM-NRS03940	6.45	70.2	6.0	5.3	1.3	4.6	10.0	1.8	3.3	9.9	6.8
	1 1/8" - 8UN	HM06BP-NRS1125U08	6.45	70.2	5.6	5.0	0.9	4.6	9.7	1.4	3.1	9.9	6.2
	1 1/4" - 8UN	HM06BP-NRS1250U08	6.45	70.2	5.7	5.1	1.1	4.6	9.8	1.5	3.2	9.9	6.4
	1 3/8" - 8UN	HM06BP-NRS1375U08	6.45	70.2	5.9	5.2	1.3	4.6	9.9	1.6	3.2	9.9	6.6
	1 1/2" - 8UN	HM06BP-NRS1500U08	6.45	70.2	6.0	5.3	1.3	4.6	10.0	1.8	3.3	9.9	6.8



### Thread and Pitch Sizes

Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.

## HM Series



Bolt Range:

**1 1/4 - 2" | M33 - M52**

Maximum Load Capacity:

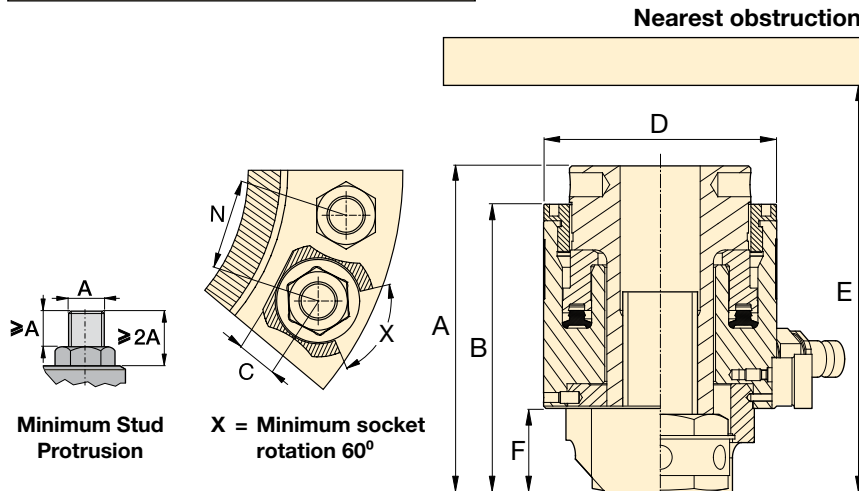
**83.9 - 131.9 tons**

Stroke:

**.59 inch**

Maximum Operating Pressure:

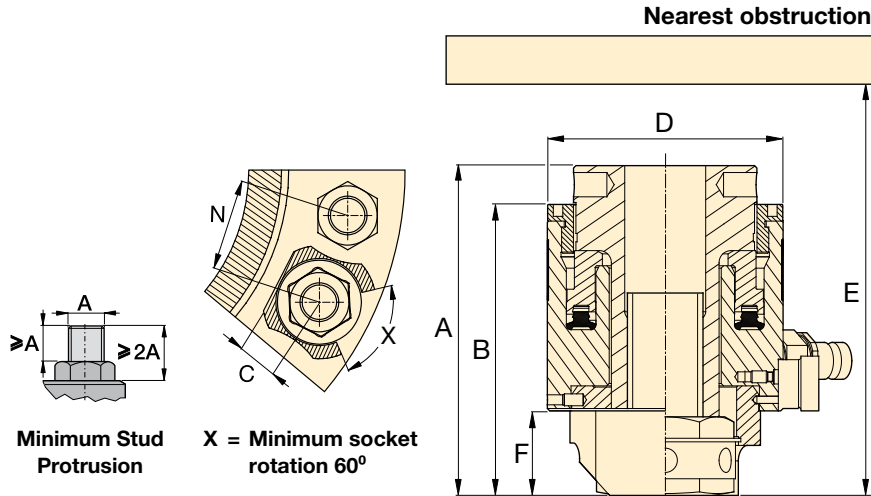
**21,750 psi**



Load Cell Model Number	Thread Size	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in <sup>2</sup> )	Maximum Load Capacity (tons)	Dimensions (in)							Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
					A	B	C	D	E min.	F	N min.		
HM07-LC	M33 x 3,5	HM07BPM-NRS03335	7.72	83.9	5.7	5.0	1.1	5.0	9.7	1.5	3.4	11.5	7.5
	M36 x 4	HM07BPM-NRS03640	7.72	83.9	5.8	5.2	1.3	5.0	9.8	1.6	3.4	11.5	7.7
	M39 x 4	HM07BPM-NRS03940	7.72	83.9	5.9	5.3	1.3	5.0	9.9	1.8	3.5	11.5	7.9
	M42 x 4,5	HM07BPM-NRS04245	7.72	83.9	6.1	5.4	1.3	5.0	10.0	1.9	3.6	11.5	8.2
	1 1/4" - 8UN	HM07BP-NRS1250U08	7.72	83.9	5.7	5.0	1.1	5.0	9.7	1.5	3.4	11.5	7.5
	1 3/8" - 8UN	HM07BP-NRS1375U08	7.72	83.9	5.8	5.2	1.3	5.0	9.8	1.6	3.4	11.5	7.7
	1 1/2" - 8UN	HM07BP-NRS1500U08	7.72	83.9	5.9	5.3	1.3	5.0	9.9	1.8	3.5	11.5	7.9
1 5/8" - 8UN	HM07BP-NRS1625U08	7.72	83.9	6.1	5.4	1.3	5.0	10.0	1.9	3.5	11.5	8.2	
HM08-LC	M36 x 4	HM08BPM-NRS03640	9.10	98.9	5.9	5.2	1.3	5.4	9.9	1.6	3.6	13.9	8.6
	M39 x 4	HM08BPM-NRS03940	9.10	98.9	6.0	5.3	1.3	5.4	10.0	1.8	3.7	13.9	8.8
	M42 x 4,5	HM08BPM-NRS04245	9.10	98.9	6.1	5.5	1.3	5.4	10.1	1.9	3.8	13.9	9.0
	M45 x 4,5	HM08BPM-NRS04545	9.10	98.9	6.2	5.6	1.5	5.4	10.3	2.0	3.8	13.9	9.7
	1 3/8" - 8UN	HM08BP-NRS1375U08	9.10	98.9	5.9	5.2	1.3	5.4	9.9	1.6	3.6	13.9	8.6
	1 1/2" - 8UN	HM08BP-NRS1500U08	9.10	98.9	6.0	5.3	1.3	5.4	10.0	1.8	3.7	13.9	8.8
	1 5/8" - 8UN	HM08BP-NRS1625U08	9.10	98.9	6.1	5.5	1.3	5.4	10.1	1.9	3.7	13.9	9.0
1 3/4" - 8UN	HM08BP-NRS1750U08	9.10	98.9	6.2	5.6	1.5	5.4	10.3	2.0	3.8	13.9	9.7	
HM09-LC	M39 x 4	HM09BPM-NRS03940	10.59	115.2	6.0	5.4	1.3	5.7	10.0	1.8	3.9	14.3	11.0
	M42 x 4,5	HM09BPM-NRS04245	10.59	115.2	6.1	5.5	1.3	5.7	10.1	1.9	3.9	14.3	13.4
	M45 x 4,5	HM09BPM-NRS04545	10.59	115.2	6.2	5.6	1.5	5.7	10.3	2.0	4.0	14.3	11.2
	M48 x 5	HM09BPM-NRS04850	10.59	115.2	6.4	5.7	1.6	5.7	10.4	2.1	4.0	14.3	12.1
	1 1/2" - 8UN	HM09BP-NRS1500U08	10.59	115.2	6.0	5.4	1.3	5.7	10.0	1.8	3.8	14.3	11.2
	1 3/8" - 8UN	HM09BP-NRS1625U08	10.59	115.2	6.1	5.5	1.3	5.7	10.2	1.9	3.9	14.3	11.2
	1 1/4" - 8UN	HM09BP-NRS1750U08	10.59	115.2	6.2	5.5	1.5	5.7	10.1	2.0	4.0	14.3	13.2
1 7/8" - 8UN	HM09BP-NRS1875U08	10.59	115.2	6.4	5.7	1.6	5.7	10.4	2.1	4.0	14.3	11.9	
HM10-LC	M42 x 4,5	HM10BPM-NRS04245	12.20	132.6	6.3	5.6	1.3	6.1	10.5	1.9	4.1	18.3	12.6
	M45 x 4,5	HM10BPM-NRS04545	12.20	131.9	6.4	5.7	1.5	6.1	10.6	2.0	4.2	18.3	12.6
	M48 x 5	HM10BPM-NRS04850	12.20	131.9	6.5	5.8	1.6	6.1	10.7	2.1	4.3	18.3	13.4
	M52 x 5	HM10BPM-NRS05250	12.20	131.9	6.7	6.0	1.7	6.1	10.8	2.3	4.3	18.3	13.9
	1 3/8" - 8UN	HM10BP-NRS1625U08	12.20	131.9	6.3	5.6	1.3	6.1	10.5	1.9	4.1	18.3	12.6
	1 1/4" - 8UN	HM10BP-NRS1750U08	12.20	131.9	6.4	5.7	1.5	6.1	10.6	2.0	4.2	18.3	12.3
	1 7/8" - 8UN	HM10BP-NRS1875U08	12.20	131.9	6.5	5.9	1.6	6.1	10.7	2.1	4.2	18.3	13.2
2" - 8UN	HM10BP-NRS2000U08	12.20	131.9	6.7	6.0	1.7	6.1	10.8	2.3	4.3	18.3	13.9	



# HM-Series, HydraMax® Torsioners



## HM Series



Bolt Range:

**1 3/4 - 4" | M45 - M100**

Maximum Load Capacity:

**171 - 522 tons**

Stroke:

**.59 inch**

Load Cell Model Number	Thread Size *	Adaptor and Bridge Kit Model Number	Cylinder Effective Area (in <sup>2</sup> )	Maximum Load Capacity (tons)	Dimensions (in)							Load Cell Weight (lbs)	Adaptor and Bridge Kit Weight (lbs)
					A	B	C	D	E min.	F	N min.		
HM11-LC	M45 x 4,5	HM11BPM-NRS04545	15.74	171.1	6.6	5.7	1.5	6.9	10.8	2.0	4.6	23.1	16.3
	M48 x 5	HM11BPM-NRS04850	15.74	171.1	6.7	5.8	1.6	6.9	10.9	2.1	4.6	23.1	17.4
	M52 x 5	HM11BPM-NRS05250	15.74	171.1	6.8	6.0	1.7	6.9	11.0	2.3	4.7	23.1	17.9
	M56 x 5,5	HM11BPM-NRS05655	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.8	23.1	20.1
	M60 x 5,5	HM11BPM-NRS06055	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.9	23.1	19.2
	1 3/4" - 8UN	HM11BP-NRS1750U08	15.74	171.1	6.6	5.7	1.5	6.9	10.8	2.0	4.6	23.1	16.5
	1 7/8" - 8UN	HM11BP-NRS1875U08	15.74	171.1	6.7	5.8	1.6	6.9	10.9	2.1	4.6	23.1	17.4
	2" - 8UN	HM11BP-NRS2000U08	15.74	171.1	6.8	6.0	1.7	6.9	11.0	2.3	4.7	23.1	17.9
2 1/4" - 8UN	HM11BP-NRS2250U08	15.74	171.1	7.2	6.3	2.0	6.9	11.4	2.6	4.8	23.1	19.4	
HM12-LC	M48 x 5	HM12BPM-NRS04850	19.72	214.4	6.7	5.8	1.6	7.6	11.0	2.1	5.0	29.3	21.4
	M52 x 5	HM12BPM-NRS05250	19.72	214.4	6.8	6.0	1.7	7.6	11.2	2.3	5.1	29.3	21.6
	M56 x 5,5	HM12BPM-NRS05655	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.6	5.2	29.3	23.6
	M60 x 5,5	HM12BPM-NRS06055	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.7	5.2	29.3	22.9
	M64 x 6	HM12BPM-NRS06460	19.72	214.4	7.3	6.5	2.2	7.6	11.7	2.7	5.3	29.3	24.5
	1 7/8" - 8UN	HM12BP-NRS1875U08	19.72	214.4	6.7	5.8	1.6	7.6	11.0	2.1	5.0	29.3	21.2
	2" - 8UN	HM12BP-NRS2000U08	19.72	214.4	6.8	6.0	1.7	7.6	11.2	2.3	5.1	29.3	21.6
	2 1/4" - 8UN	HM12BP-NRS2250U08	19.72	214.4	7.2	6.3	2.0	7.6	11.5	2.6	5.2	29.3	22.9
2 1/2" - 8UN	HM12BP-NRS2500U08	19.72	214.4	7.3	6.5	2.2	7.6	11.7	2.7	5.3	29.3	23.8	
HM13-LC	M64 x 6	HM13BPM-NRS06460	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.8	38.8	32.0
	M68 x 6	HM13BPM-NRS06860	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.9	38.8	36.4
	M72 x 6	HM13BPM-NRS07260	26.29	285.9	8.0	7.1	2.5	8.6	12.5	3.1	6.0	38.8	35.3
	M76 x 6	HM13BPM-NRS07660	26.29	285.9	8.1	7.3	2.7	8.6	12.7	3.2	6.0	38.8	35.9
	2 1/2" - 8UN	HM13BP-NRS2500U08	26.29	285.9	7.7	6.8	2.2	8.6	12.2	2.7	5.8	38.8	31.3
	2 3/4" - 8UN	HM13BP-NRS2750U08	26.29	285.9	8.0	7.1	2.5	8.6	12.5	3.1	5.9	38.8	34.8
3" - 8UN	HM13BP-NRS3000U08	26.29	285.9	8.1	7.3	2.7	8.6	12.7	3.2	6.3	38.8	34.8	
HM14-LC	M72 x 6	HM14BPM-NRS07260	36.35	395.3	8.0	7.1	2.5	10.2	12.6	3.1	6.8	56.9	45.9
	M76 x 6	HM14BPM-NRS07660	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.8	56.9	47.0
	M80 x 6	HM14BPM-NRS08060	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.9	56.9	46.7
	M85 x 6	HM14BPM-NRS08560	36.35	395.3	8.5	6.5	2.7	10.2	11.9	3.6	7.0	56.9	50.5
	M90 x 6	HM14BPM-NRS09060	36.35	395.3	8.7	7.8	3.1	10.2	13.3	3.8	7.1	56.9	51.4
	3" - 8UN	HM14BP-NRS3000U08	36.35	395.3	8.1	7.3	2.7	10.2	12.7	3.2	6.8	56.9	45.0
	3 1/4" - 8UN	HM14BP-NRS3250U08	36.35	395.3	8.5	6.5	2.7	10.2	11.9	3.6	7.0	56.9	50.0
3 1/2" - 8UN	HM14BP-NRS3500U08	36.35	395.3	8.7	7.8	3.1	10.2	13.3	3.8	7.2	56.9	52.7	
HM15-LC	M90 x 6	HM15BPM-NRS09060	48.06	522.7	8.7	7.8	3.1	11.7	13.3	3.8	7.8	71.6	66.1
	M95 x 6	HM15BPM-NRS09560	48.06	522.7	8.9	8.1	3.2	11.7	13.5	4.0	7.9	71.6	74.3
	M100 x 6	HM15BPM-NRS10060	48.06	522.7	9.1	8.3	3.5	11.7	13.7	4.2	8.0	71.6	77.4
	3 1/2" - 8UN	HM15BP-NRS3500U08	48.06	522.7	8.7	7.8	3.1	11.7	13.3	3.8	7.8	71.6	65.0
	3 3/4" - 8UN	HM15BP-NRS3750U08	48.06	522.7	8.9	8.1	3.2	11.7	13.5	4.0	7.9	71.6	72.3
4" - 8UN	HM15BP-NRS4000U08	48.06	522.7	9.1	8.3	3.5	11.7	13.7	4.2	8.3	71.6	75.0	

\* Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.

▼ Shown: GT-Series Topside Bolt Tensioners



## Accurate & Reliable Extreme Performance Bolt Tensioner



### Tensioning Pumps, Hoses and Couplers

High-pressure pumps, hoses and fittings matched for use with the Enerpac Bolt Tensioners.

See [enerpac.com](http://enerpac.com)



### EMC Directive and Compliances

GT-Series Tensioners comply to following:

Machine Directive 2006/42/EC  
ASME B30.1  
EN-ISO 4413:2010  
EN-ISO 12100:2010



### How to Order

To provide maximum flexibility Load Cell and Bridges are ordered separately from Adaptor Kits.

Example, to order a complete tensioner for a M36 x 4 threaded bolt order:  
1 x Load Cell and Bridge: **GT2-LCB**  
1 x Adaptor Kit: **GT2PM-NRS03640**

- Seven load cells from 5/8" to 4" or from M16 to M105
- Twin ports for quick connection of multiple tools
- Only one size of bridge per size of load cell
- Detachable and rotational bridge simplifies tool positioning
- Full bridge window – increased access to socket
- Captive socket – eliminates falling object risk
- Piston stroke indicator
- Black surface treatment protects against corrosion
- Anti-slip grip for more secure handling
- Universal and multi-use tool

Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (in <sup>2</sup> )	Maximum Load Capacity (ton)	Dimensions (in)							Load Cell and Bridge Weight (lbs)	Adaptor Kit Weight (lbs)
					A	B	C	D	E min.	F	N min.		
GT1-LCB	M16 x 2	GT1PM-NRS01620	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.2	6.6	3.5
	M18 x 2,5	GT1PM-NRS01825	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.3
	M20 x 2,5	GT1PM-NRS02025	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.1
	M24 x 3	GT1PM-NRS02430	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.4	6.6	2.9
	M27 x 3	GT1PM-NRS02730	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.5	6.6	2.6
	M30 x 3,5	GT1PM-NRS03035	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.6	6.6	2.2
	5/8" - 11UN	GT1P-NRS0625U11	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.2	6.6	3.5
	3/4" - 10UN	GT1P-NRS0750U10	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.3	6.6	3.1
	7/8" - 9UN	GT1P-NRS0875U09	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.4	6.6	2.9
	1" - 8UN	GT1P-NRS1000U08	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.5	6.6	2.6
1 1/8" - 8UN	GT1P-NRS1125U08	2.32	25.2	5.3	4.4	1.1	3.4	9.6	1.7	2.6	6.6	2.2	
GT2-LCB	M30 x 3,5	GT2PM-NRS03035	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	2.9	9.0	5.7
	M33 x 3,5	GT2PM-NRS03335	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.0	9.0	5.3
	M36 x 4	GT2PM-NRS03640	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.1	9.0	4.9
	M39 x 4	GT2PM-NRS03940	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.2	9.0	4.2
	1 1/8" - 8UN	GT2P-NRS1125U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	2.9	9.0	5.7
	1 1/4" - 8UN	GT2P-NRS1250U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.0	9.0	5.3
	1 3/8" - 8UN	GT2P-NRS1375U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.1	9.0	4.9
	1 1/2" - 8UN	GT2P-NRS1500U08	4.15	45.1	5.4	4.4	1.4	4.2	8.9	1.6	3.2	9.0	4.4

# Topside Bolt Tensioners



## Thread and Pitch Sizes

Contact Enerpac for different thread or pitch sizes. Alternative size adaptor kits can be supplied upon request.

## GT Series



Bolt Range:

**5/8" - 4" | M16 - M105**

Maximum Load Capacity at 1500 bar:

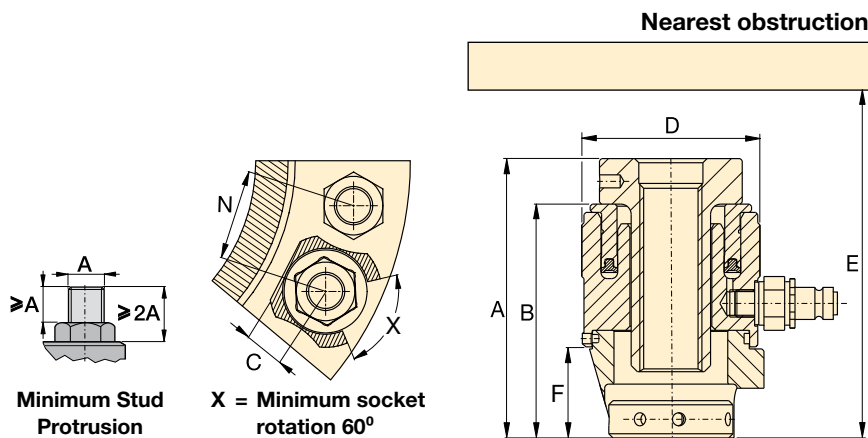
**86.4 - 444.9 tons**

Stroke:

**.39 inch**

Maximum Operating Pressure:

**21,750 psi**



Minimum Stud Protrusion

X = Minimum socket rotation 60°

Load Cell and Bridge Model Number	Thread Size	Adaptor Kit Model Number	Cylinder Effective Area (in <sup>2</sup> )	Maximum Load Capacity (ton)	Dimensions (in)							Load Cell and Bridge Weight (lbs)	Adaptor Kit Weight (lbs)
					A	B	C	D	E min.	F	N min.		
GT3-LCB	M39 x 4	GT3PM-NRS03940	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.8	7,0	12.6
	M42 x 4,5	GT3PM-NRS04245	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.9	7,0	11.9
	M45 x 4,5	GT3PM-NRS04545	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.0	7,0	11.0
	M48 x 5	GT3PM-NRS04850	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.1	7,0	10.4
	M52 x 5	GT3PM-NRS05250	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.2	7,0	9.3
	1½" - 8UN	GT3P-NRS1500U08	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.7	7,0	12.6
	1⅝" - 8UN	GT3P-NRS1625U08	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	3.9	7,0	11.7
	1¾" - 8UN	GT3P-NRS1750U08	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.0	7,0	11.0
	1⅞" - 8UN	GT3P-NRS1875U08	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.1	7,0	10.1
2" - 8UN	GT3P-NRS2000U08	7.95	86.4	6.3	5.0	1.8	5.4	10.1	2.2	4.2	7,0	9.3	
GT4-LCB	M52 x 5	GT4PM-NRS05250	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.8	12,2	23.6
	M56 x 5,5	GT4PM-NRS05655	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.9	12,2	22.3
	M60 x 5,5	GT4PM-NRS06055	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.0	12,2	20.7
	M64 x 6	GT4PM-NRS06460	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.1	12,2	19.4
	M68 x 6	GT4PM-NRS06860	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.2	12,2	17.9
	2" - 8UN	GT4P-NRS2000U08	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	4.7	12,2	23.6
	2¼" - 8UN	GT4P-NRS2250U08	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.0	12,2	21.4
2½" - 8UN	GT4P-NRS2500U08	15.17	164.9	7.1	5.6	2.4	6.9	11.1	2.8	5.2	12,2	18.7	
GT5-LCB	M68 x 6	GT5PM-NRS06860	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.8	18,7	38.1
	M72 x 6	GT5PM-NRS07260	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.9	18,7	36.2
	M76 x 6	GT5PM-NRS07660	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.0	18,7	34.2
	M80 x 6	GT5PM-NRS08060	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.1	18,7	32.2
	2½" - 8UN	GT5P-NRS2500U08	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	5.8	18,7	39.2
	2¾" - 8UN	GT5P-NRS2750U08	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.0	18,7	35.9
	3" - 8UN	GT5P-NRS3000U08	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.2	18,7	32.6
3¼" - 8UN	GT5P-NRS3250U08	23.37	254.2	8.0	6.2	3.1	8.3	11.9	3.4	6.3	18,7	28.9	
GT6-LCB	M80 x 6	GT6PM-NRS08060	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.6	27,8	49.2
	M85 x 6	GT6PM-NRS08560	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.7	27,8	46.3
	M90 x 6	GT6PM-NRS09060	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.9	27,8	42.8
	M95 x 6	GT6PM-NRS09560	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.0	27,8	39.7
	3¼" - 8UN	GT6P-NRS3250U08	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	6.8	27,8	45.6
	3½" - 8UN	GT6P-NRS3500U08	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.1	27,8	41.4
GT7-LCB	3¾" - 8UN	GT6P-NRS3750U08	29.41	319.8	8.6	6.8	3.2	9.4	12.7	3.7	7.4	27,8	37.0
	M100 x 6	GT7PM-MNRS10060	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	7.7	38,2	62.8
	M105 x 6	GT7PM-MNRS10560	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	7.8	38,2	60.2
	4" - 8UN	GT7P-NRS4000U08	40.90	444.9	9.6	7.2	3.5	10.9	13.1	4.3	8.0	38,2	60.2



# BOLTING SOLUTIONS FOR EVERY BOLTING NEED

## Tensioning Tools



Power Generation Bolt Tensioners



Topside Bolt Tensioners



Electric Tensioning Pumps



Pneumatic Tensioning Pumps



High-Pressure Hand Pumps

## Controlled Tightening and Loosening



Pneumatic and Electric Torque Wrenches



Hydraulic Torque Wrenches



Electric Torque Wrench Pumps



Pneumatic Torque Wrench Pumps

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Hydraulic Nut Cutters and Nut Splitters



Step-Type Flange Spreaders



Flange Alignment Tools



Pin-Type Flange Spreaders



Battery-Powered Torque Wrench Pumps

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