LPTC

3000 PSI DOUBLE ACTING TIE-ROD

Hydraulic Cylinder



MODEL	Bore x Stroke (inch)	Rod Dia. (inch)	Pin Dia. (inch)	Pin to Pin on Center (inch)		Max Rated PSI & Column Load On Full Extension		Port	Weight (lbs)
				Retracted	Extended	PSI	LBS		
2 Inch Bore									
LPTC-2004	2 X 4	1.125	1.00	14.25	18.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	15.6
LPTC-2006	2 X 6	1.125	1.00	16.25	22.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	16.5
LPTC-2008	2 X 8	1.125	1.00	18.25	26.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	17.8
LPTC-2010	2 X 10	1.125	1.00	20.25	30.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	20.0
LPTC-2012	2 X 12	1.125	1.00	22.25	34.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	21.0
LPTC-2014	2 X 14	1.125	1.00	24.25	38.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	22.0
LPTC-2016	2 X 16	1.125	1.00	26.25	42.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	22.9
LPTC-2018	2 X 18	1.125	1.00	28.25	46.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	24.0
LPTC-2020	2 X 20	1.125	1.00	30.25	50.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	24.9
LPTC-2024	2 X 24	1.125	1.00	34.25	58.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	27.0
LPTC2030	2 X 30	1.125	1.00	40.25	70.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	34.9
LPTC-2036	2 X 36	1.125	1.00	46.25	82.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	39.9
LPTC-2048	2 X 36	1.125	1.00	58.25	106.25	3,000	9,420	#8 SAE (3/4 - 16 UNF)	49.8
2 1/2 Inch Bore									
LPTC-2504	2 1/2 X 4	1.125	1.00	14.25	18.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	17.9
LPTC-2506	2 1/2 X 6	1.125	1.00	16.25	22.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	19.6
LPTC-2508	2 1/2 X 8	1.125	1.00	18.25	26.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	21.4
LPTC-2510	2 1/2 X 10	1.125	1.00	20.25	30.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	23.1
LPTC-2512	2 1/2 X 12	1.125	1.00	22.25	34.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	24.9
LPTC-2514	2 1/2 X 14	1.125	1.00	24.25	38.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	26.5
LPTC-2516	2 1/2 X 16	1.250	1.00	26.25	42.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	28.9
LPTC-2518	2 1/2 X 18	1.250	1.00	28.25	46.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	30.6
LPTC-2520	2 1/2 X 20	1.250	1.00	30.25	50.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	32.4
LPTC-2524	2 1/2 X 24	1.250	1.00	34.25	58.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	36.2
LPTC-2530	2 1/2 X 30	1.250	1.00	40.25	70.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	42.1
LPTC-2536	2 1/2 X 36	1.250	1.00	46.25	82.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	47.8
LPTC-2548	2 1/2 X 48	1.250	1.00	58.25	106.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	58.9
3 Inch Bore									
LPTC-3004	3 X 4	1.25	1.00	14.25	18.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	23.6
LPTC-3006	3 X 6	1.25	1.00	16.25	22.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	25.6
LPTC-3008	3 X 8	1.25	1.00	18.25	26.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	27.8
LPTC-3010	3 X 10	1.25	1.00	20.25	30.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	30.0
LPTC-3012	3 X 12	1.25	1.00	22.25	34.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	32.0
LPTC-3014	3 X 14	1.25	1.00	24.25	38.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	34.2
LPTC-3016	3 X 16	1.50	1.00	26.25	42.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	37.5
LPTC-3018	3 X 18	1.50	1.00	28.25	46.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	39.9

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Hydraulic Cylinder

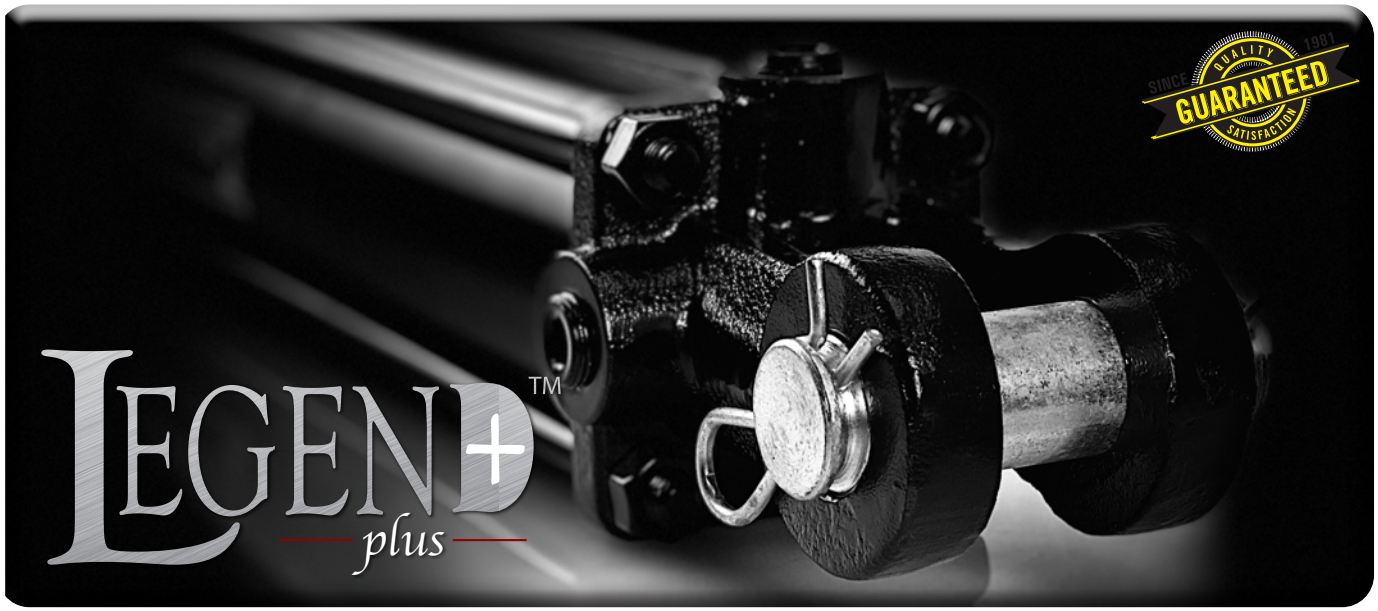
MODEL	Bore x Stroke (inch)	Shaft Dia. (inch)	Pin Dia. (inch)	Pin to Pin on Center (inch)		Max Rated PSI & Column Load On Full Extension		Port	Weight (lbs)
				Retracted	Extended	PSI	LBS		
3 Inch Bore (cont.)									
LPTC-3024	3 X 24	1.50	1.00	34.25	58.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	47.2
LPTC-3030	3 X 30	1.50	1.00	40.25	70.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	55.6
LPTC-3032	3 X 32	1.50	1.00	42.25	74.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	58.0
LPTC-3036	3 X 36	1.50	1.00	46.25	82.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	62.8
LPTC-3048	3 X 48	1.50	1.00	58.25	106.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	77.4
3 1/2 Inch Bore									
LPTC-3504-FB	3 1/2 X 4	1.50	1.00	14.25	18.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	27.6
LPTC-3506-FB	3 1/2 X 6	1.50	1.00	16.25	22.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	30.4
LPTC-3508-FB	3 1/2 X 8	1.50	1.00	20.25	26.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	33.3
LPTC-3510-FB	3 1/2 X 10	1.50	1.00	20.25	30.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	36.2
LPTC-3512-FB	3 1/2 X 12	1.50	1.00	22.25	34.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	39.0
LPTC-3514-FB	3 1/2 X 14	1.50	1.00	24.25	38.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	42.1
LPTC-3516-FB	3 1/2 X 16	1.50	1.00	26.25	42.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	45.0
LPTC-3518-FB	3 1/2 X 18	1.50	1.00	28.25	46.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	47.8
LPTC-3520-FB	3 1/2 X 20	1.50	1.00	30.25	50.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	50.7
LPTC-3524-FB	3 1/2 X 24	1.50	1.00	34.25	58.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	56.7
LPTC-3548-FB	3 1/2 X 48	1.50	1.00	58.25	106.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	92.8
4 Inch Bore									
LPTC-4004-FB	4 X 4	1.50	1.00	14.25	18.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	35.5
LPTC-4006-FB	4 X 6	1.50	1.00	16.25	22.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	39.0
LPTC-4008-FB	4 X 8	1.50	1.00	18.25	26.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	42.5
LPTC-4010-FB	4 X 10	1.50	1.00	20.25	30.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	46.1
LPTC-4012-FB	4 X 12	1.50	1.00	22.25	34.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	49.6
LPTC-4014-FB	4 X 14	1.50	1.00	24.25	38.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	52.9
LPTC-4016-FB	4 X 16	1.75	1.00	26.25	42.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	57.5
LPTC-4018-FB	4 X 18	1.75	1.00	28.25	46.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	61.3
LPTC-4020-FB	4 X 20	1.75	1.00	30.25	50.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	65.0
LPTC-4030-FB	4 X 30	2.00	1.00	34.25	70.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	93.3
LPTC-4036-FB	4 X 36	2.00	1.00	40.25	82.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	106.3
LPTC-4048-FB	4 X 48	2.00	1.00	58.25	106.25	3,000	31,416	#8 SAE (3/4 - 16 UNF)	131.8
ASAE									
LPTC-2008-FB-ASAE	2 x 8	1.125	1.00	20.25	28.25	3,000	7,854	#8 SAE (3/4 - 16 UNF)	19.6
LPTC-2508-FB-ASAE	2.5 x 8	1.125	1.00	20.25	28.25	3,000	12,272	#8 SAE (3/4 - 16 UNF)	22.0
LPTC-3008-FB-ASAE	3 x 8	1.250	1.00	20.25	28.25	3,000	17,672	#8 SAE (3/4 - 16 UNF)	28.4
LPTC-3016-FB-ASAE	3 x 16	1.500	1.25	31.50	47.50	3,000	17,672	#8 SAE (3/4 - 16 UNF)	39.2
LPTC-3508-FB-ASAE	3.5 x 8	1.500	1.00	20.25	28.25	3,000	24,053	#8 SAE (3/4 - 16 UNF)	34.4
LPTC-3516-FB-ASAE	3.5 x 16	1.500	1.25	31.50	47.50	3,000	24,053	#8 SAE (3/4 - 16 UNF)	48.1
LPTC-4008-FB-ASAE	4 x 8	1.500	1.00	20.25	28.25	3,000	31416	#8 SAE (3/4 - 16 UNF)	43.7
LPTC-4016-FB-ASAE	4 x 16	2.000	1.25	31.50	47.50	3,000	31416	#8 SAE (3/4 - 16 UNF)	66.1

NON-ASAE cylinders are designed per ASAE requirements, however they are not classified ASAE due to their varying pin to pin dimensions.
ASAE Cylinders meet ASAE specifications. These specifications establish common mounting i.e. (pin to pin dimensions) & clearance dimensions i.e. (clevis cap/rod clevis throat width & pin diameters) for cylinders & trailing-type agricultural implements. This criteria is only applicable to 8" & 16" stroke cylinders. All 2" through 4" bore cylinders with 8" stroke are designed with the rod threaded to accommodate a stroke control collar per ASAE specifications.

LPTC

Legend Plus ™ TIE-ROD CYLINDER

Hydraulic Cylinder



FEATURES

Tube: Skived Tube
Rod: High Tensile Ground & Polished Hard Chrome Plated Rod
Piston: High Tensile Steel
Base End: Ductile Iron Clevis End Mount
Rod End: Screw-On Ductile Iron Clevis Item
Piston Seals: High Quality Compact Seals For Excellent Performance
Rod Seals: Standard Polyurethane Rod Seal With Inner O-Ring, Pom-C Wear Rings With Rod Wiper
Warranty: 2-Year Limited Warranty
Pressure: 3,000 PSI
Color: Black

APPLICATIONS

Agriculture | Construction | Forestry | Material Handling | Oil Service | Truck & Trailer | Waste & Refuse