



HYDROLICO
INTERNATIONAL

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Why double your inventory,
when a single cylinder
can meet all your needs ?

NEW CUSTOM TR2.5-XXXX-LA4

(BORE & STROKE)

With integrated
SAE (O-ring) & NPT ports
The all-in-one solution !



HYDRAULIC CYLINDERS | 877 628-6644

working together for better solutions

HC Hydro Custom

AGRICULTURAL TIE-ROD CYLINDERS

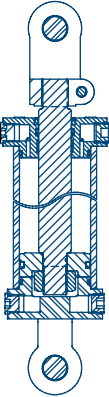


HYDRAULIC CYLINDERS



PART NUMBER	ROD DIAM.	WEIGHT (LBS)	BORE & STROKE	DIMENSIONS		PIN SIZE	PORTS 1	PORTS 2	COLUMN LOAD (LBS)	PRESSURE (PSI)
				RETRACTED	EXTENDED					
TR2.5-2004-LA4	1 1/8"	16	2" X 4"	14 1/4"	18 1/4"	1"	3/8 NPT	SAE 6* 9/16-18 UNF	7800	2500
TR2.5-2006-LA4		17	2" X 6"	16 1/4"	22 1/4"				7800	2500
TR2.5-2008-LA4		19	2" X 8"	18 1/4"	26 1/4"				7800	2500
TR2.5-2008-ASAE-LA4		20	2" X 8"	20 1/4"	28 1/4"				7800	2500
TR2.5-2010-LA4		20	2" X 10"	20 1/4"	30 1/4"				7800	2500
TR2.5-2012-LA4		22	2" X 12"	22 1/4"	34 1/4"				7800	2500
TR2.5-2014-LA4		24	2" X 14"	24 1/4"	38 1/4"				7800	2500
TR2.5-2016-LA4		25	2" X 16"	26 1/4"	42 1/4"				7800	2500
TR2.5-2018-LA4		27	2" X 18"	28 1/4"	46 1/4"				7000	2200
TR2.5-2020-LA4		28	2" X 20"	30 1/4"	50 1/4"				5900	1900
TR2.5-2024-LA4		31	2" X 24"	34 1/4"	58 1/4"				4400	1400
TR2.5-2030-LA4		36	2" X 30"	40 1/4"	70 1/4"				3000	950
TR2.5-2036-LA4		41	2" X 36"	46 1/4"	82 1/4"				2200	700
TR2.5-2040-LA4		44	2" X 40"	50 1/4"	90 1/4"				1700	550
TR2.5-2048-LA4		49	2" X 48"	58 1/4"	106 1/4"				1300	400
TR2.5-2504-LA4	1 1/8"	19	2.5" X 4"	14 1/4"	18 1/4"	1"	3/8 NPT	SAE 6* 9/16-18 UNF	12200	2500
TR2.5-2506-LA4		21	2.5" X 6"	16 1/4"	22 1/4"				12200	2500
TR2.5-2508-LA4		22	2.5" X 8"	18 1/4"	26 1/4"				12200	2500
TR2.5-2508-ASAE-LA4		23	2.5" X 8"	20 1/4"	28 1/4"				12200	2500
TR2.5-2510-LA4		24	2.5" X 10"	20 1/4"	30 1/4"				12200	2500
TR2.5-2512-LA4		26	2.5" X 12"	22 1/4"	34 1/4"				12200	2500
TR2.5-2514-LA4		28	2.5" X 14"	24 1/4"	38 1/4"				10300	2100
TR2.5-2516-LA4		29	2.5" X 16"	26 1/4"	42 1/4"				8400	1700
TR2.5-2518-LA4		32	2.5" X 18"	28 1/4"	46 1/4"				7000	1400
TR2.5-2520-LA4		34	2.5" X 20"	30 1/4"	50 1/4"				5900	1200
TR2.5-2524-LA4		38	2.5" X 24"	34 1/4"	58 1/4"				4400	900
TR2.5-2530-LA4		43	2.5" X 30"	40 1/4"	70 1/4"				4400	900
TR2.5-2536-LA4		49	2.5" X 36"	46 1/4"	82 1/4"				3400	650
TR2.5-2540-LA4		54	2.5" X 40"	50 1/4"	90 1/4"				2700	550
TR2.5-2548-LA4		60	2.5" X 48"	58 1/4"	106 1/4"				2000	400
TR2.5-3004-LA4	1 1/4"	24	3" X 4"	14 1/4"	18 1/4"	1"	1/2 NPT	SAE 8* 3/4-16 UNF	17600	2500
TR2.5-3006-LA4		26	3" X 6"	16 1/4"	22 1/4"				17600	2500
TR2.5-3008-LA4		28	3" X 8"	18 1/4"	26 1/4"				17600	2500
TR2.5-3008-ASAE-LA4		29	3" X 8"	20 1/4"	28 1/4"				17600	2500
TR2.5-3010-LA4		30	3" X 10"	20 1/4"	30 1/4"				17600	2500
TR2.5-3012-LA4		33	3" X 12"	22 1/4"	34 1/4"				17600	2500
TR2.5-3014-LA4		35	3" X 14"	24 1/4"	38 1/4"				15700	2200
TR2.5-3016-LA4		37	3" X 16"	26 1/4"	42 1/4"				12800	1800
TR2.5-3016-ASAE-LA4		42	3" X 16"	31 1/2"	47 1/2"				9200	1300
TR2.5-3018-LA4		42	3" X 18"	28 1/4"	46 1/4"				11300	1600
TR2.5-3020-LA4		44	3" X 20"	30 1/4"	50 1/4"				9200	1300
TR2.5-3024-LA4		49	3" X 24"	34 1/4"	58 1/4"				6700	950
TR2.5-3030-LA4		57	3" X 30"	40 1/4"	70 1/4"				9600	1350
TR2.5-3036-LA4		65	3" X 36"	46 1/4"	82 1/4"				7000	950
TR2.5-3040-LA4		70	3" X 40"	50 1/4"	90 1/4"				5700	800
TR2.5-3048-LA4	80	3" X 48"	58 1/4"	106 1/4"	3900	550				

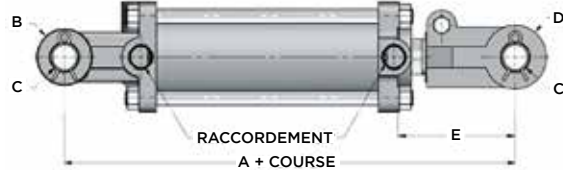
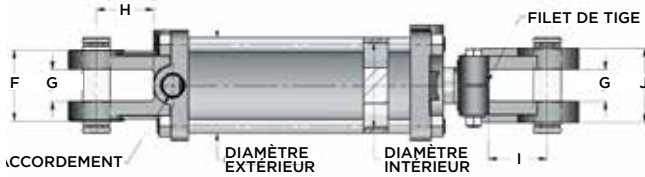
NOTE: COLUMN LOAD= MAXIMUM PUSHING LOAD SUGGESTED WITH A MINIMUM SAFETY FACTOR OF 2
COLUMN LOAD DATA IS BASED ON A PIN-PIN MOUNTING CALCULATION





PART NUMBER	ROD DIAM.	WEIGHT (LBS)	BORE & STROKE	DIMENSIONS		PIN SIZE	PORTS 1	PORTS 2	COLUMN LOAD (LBS)	PRESSURE (PSI)
				RETRACTED	EXTENDED					
TR2.5-3504-LA4	1 1/4"	29	3.5" X 4"	14 1/4"	18 1/4"	1"	1/2 NPT	SAE 8* 3/4-16 UNF	24000	2500
TR2.5-3506-LA4		32	3.5" X 6"	16 1/4"	22 1/4"				24000	2500
TR2.5-3508-LA4		34	3.5" X 8"	18 1/4"	26 1/4"				24000	2500
TR2.5-3508-ASAE-LA4		35	3.5" X 8"	20 1/4"	28 1/4"				24000	2500
TR2.5-3510-LA4		37	3.5" X 10"	20 1/4"	30 1/4"				24000	2500
TR2.5-3512-LA4		39	3.5" X 12"	22 1/4"	34 1/4"				19600	2000
TR2.5-3514-LA4		42	3.5" X 14"	24 1/4"	38 1/4"				15700	1600
TR2.5-3516-LA4		44	3.5" X 16"	26 1/4"	42 1/4"				12800	1300
TR2.5-3516-ASAE-LA4	1 1/2"	50	3.5" X 16"	31 1/2"	47 1/2"	1 1/4"	1/2 NPT	SAE 8* 3/4-16 UNF	21100	2150
TR2.5-3518-LA4	1 1/4"	47	3.5" X 18"	28 1/4"	46 1/4"	1"			10700	1100
TR2.5-3520-LA4		49	3.5" X 20"	30 1/4"	50 1/4"				9100	900
TR2.5-3524-LA4	1 1/2"	58	3.5" X 24"	34 1/4"	58 1/4"	1"			14000	1450
TR2.5-3530-LA4		66	3.5" X 30"	40 1/4"	70 1/4"				9600	1000
TR2.5-3536-LA4		74	3.5" X 36"	46 1/4"	82 1/4"				7000	700
TR2.5-3540-LA4		80	3.5" X 40"	50 1/4"	90 1/4"				5800	600
TR2.5-3548-LA4		91	3.5" X 48"	58 1/4"	106 1/4"				3900	400
TR2.5-4004-LA4		1 1/2"	33	4" X 4"	14 1/4"		18 1/4"	1"	1/2 NPT	SAE 8* 3/4-16 UNF
TR2.5-4006-LA4	36		4" X 6"	16 1/4"	22 1/4"	31400	2500			
TR2.5-4008-LA4	38		4" X 8"	18 1/4"	26 1/4"	31400	2500			
TR2.5-4008-ASAE-LA4	39		4" X 8"	20 1/4"	28 1/4"	31400	2500			
TR2.5-4010-LA4	41		4" X 10"	20 1/4"	30 1/4"	31400	2500			
TR2.5-4012-LA4	44		4" X 12"	22 1/4"	34 1/4"	31400	2500			
TR2.5-4014-LA4	46		4" X 14"	24 1/4"	38 1/4"	31400	2500			
TR2.5-4016-LA4	49		4" X 16"	26 1/4"	42 1/4"	26700	2100			
TR2.5-4016-ASAE-LA4	2"	63	4" X 16"	31 1/2"	47 1/2"	1 1/4"	31400	2500		
TR2.5-4018-LA4	1 1/2"	55	4" X 18"	28 1/4"	46 1/4"	1"	22300	1750		
TR2.5-4020-LA4		58	4" X 20"	30 1/4"	50 1/4"		18800	1500		
TR2.5-4024-LA4	1 3/4"	64	4" X 24"	34 1/4"	58 1/4"	1"	14000	1100		
TR2.5-4024-175-LA4		68	4" X 24"	34 1/4"	58 1/4"		26000	2050		
TR2.5-4024-200-LA4	2"	73	4" X 24"	34 1/4"	58 1/4"	1"	31400	2500		
TR2.5-4030-LA4		84	4" X 30"	40 1/4"	70 1/4"		30500	2400		
TR2.5-4036-LA4		95	4" X 36"	46 1/4"	82 1/4"		22200	1750		
TR2.5-4040-LA4		103	4" X 40"	50 1/4"	90 1/4"		18200	1450		
TR2.5-4048-LA4		118	4" X 48"	58 1/4"	106 1/4"		13200	1050		

NOTE: COLUMN LOAD= MAXIMUM PUSHING LOAD SUGGESTED WITH A MINIMUM SAFETY FACTOR OF 2
COLUMN LOAD DATA IS BASED ON A PIN-PIN MOUNTING CALCULATION



PART NUMBER	INSIDE DIAM.	OUTSIDE DIAM.	*A	B	*C	*D	*E	F	G	H	I	*J	*ROD THREAD	PORT
TR2.5-20	2.00"	2.37"	10.25"	2.00"	1.01"	2.00"	3.75"	2.50"	1.12"	2.06"	2.12"	2.50"	1.125-12 UNF	3/8 NPT SAE 6*
TR2.5-25	2.50"	2.87"	10.25"	2.00"	1.01"	2.00"	3.75"	2.50"	1.12"	2.06"	2.12"	2.50"	1.125-12 UNF	3/8 NPT SAE 6*
TR2.5-30	3.00"	3.37"	10.25"	2.00"	1.01"	2.25"	3.75"	2.50"	1.12"	2.06"	2.12"	2.62"	1.250-12 UNF	1/2 NPT SAE 8*
TR2.5-35	3.50"	3.87"	10.25"	2.25"	1.01"	2.25"	3.62"	2.50"	1.12"	2.06"	2.12"	2.62"	1.250-12 UNF	1/2 NPT SAE 8*
TR2.5-40	4.00"	4.37"	10.25"	2.25"	1.01"	2.25"	3.56"	2.62"	1.12"	2.06"	2.12"	2.62"	1.250-12 UNF	1/2 NPT SAE 8*

*FOR 8.00" ASAE STROKE: *A= 12.25" AND FOR 16.00" ASAE STROKE: *A= 15.50"
 *FOR 8.00" ASAE STROKE: *E= 5.75" (2.00" TO 3.00" BORE) *E=5.62" (3.50" BORE) *E=5.56" (4.00" BORE)
 *FOR 16.00" ASAE STROKE: *E= 9.00" (2.00" TO 3.00" BORE) *E=8.87" (3.50" BORE) *E=8.81" (4.00" BORE)
 *FOR TR2.5-2518 TO TR2.5-2536: ROD THREAD= 1.250-12 UNF
 *FOR TR2.5-4016-ASAE TO TR2.5-4036: *D= 2.50" *J=2.75" *ROD THREAD= 1.500-12 UNF
 *FOR 16.00" ASAE STROKE: *C= 1.26"

SEAL TEMPERATURE RANGE: -30°C / +100°C (-22°F / +212°F)
 SEAL MAXIMUM SPEED: 3 FT / SEC
 MAXIMUM RETRACTED WORKING PRESSURE= 2500 PSI
 MAXIMUM EXTENDED WORKING PRESSURE= SEE COLUMN LOAD
 FOR ALL CYLINDER, RETRACTED TOLERANCE ± 1/8"

NEW CUSTOM TR2.5-XXXX-LA4

(BORE & STROKE)

1×
NPT
retraction
port

1×
SAE
retraction
port

NEW!
TWO-IN-ONE
PORT INTEGRATION
Save time & money

2×
NPT
extension
port

2×
SAE
extension
port

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