

PART NUMBER	CYLINDER BORE	OUTSIDE DIAMETER	ROD THREAD	A1	B	C2	D	E3	F	G4	H	I	J	PORTS
TR3-20	2.00"	2.38"	1.125-12 UNF	10.25"	2.00"	1.01"	2.00"	4.17"	2.44"	1.14"	2.00"	2.12"	2.50"	SAE 8
TR3-25	2.50"	2.89"	1.125-12 UNF	10.25"	2.00"	1.01"	2.00"	4.17"	2.44"	1.14"	2.00"	2.12"	2.50"	SAE 8
TR3-30	3.00"	3.39"	1.25-12 UNF	10.25"	2.00"	1.01"	2.00"	4.14"	2.72"	1.14"	2.00"	2.12"	2.72"	SAE 8
TR3-35	3.50"	4.00"	1.25-12 UNF	10.25"	2.00"	1.01"	2.00"	4.09"	2.72"	1.14"	2.00"	2.12"	2.72"	SAE 8
TR3-40	4.00"	4.50"	1.25-12 UNF	10.25"	2.00"	1.01"	2.00"	3.82"	2.72"	1.14"	2.12"	2.12"	2.72"	SAE 8
TR3-50	5.00"	5.50"	1.500-12 UNF	12.25"	2.75"	1.26"	2.75"	5.00"	2.87"	1.25"	2.12"	2.12"	2.95"	SAE 10

- FOR 8.00" ASAE STROKE : A = 12.25"  
FOR 16.00" ASAE STROKE : A = 15.50"
  - FOR 16.00" ASAE STROKE : C = 1.26"
  - 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" (3.00" BORE) E = 8.87" (3.50" BORE) E = 8.81" (4.00" BORE) E = 7.43" (5.00" BORE)
  - FOR 5.00" BORE : G (FRONT CLEVIS) = 1.18" G (END CAP) = 1.31"
- MAXIMUM RETRACTED WORKING PRESSURE = 3000 psi  
 MAXIMUM EXTENDED WORKING PRESSURE = SEE TABLE  
 RETRACTED AND STROKE TOLERANCE ± 1/8"  
 DIMENSIONS A AND E ARE FOR REFERENCES ONLY AS CLEVIS IS ADJUSTABLE  
 \* NPT PORTS ARE ALSO AVAILABLE.



AGRICULTURAL									
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)
		RETRACTED	EXTENDED						
TR3-2004	2" X 4"	14-1/4"	18-1/4"	1-1/8"	1"	SAE 8	9400	3000	17
TR3-2006	2" X 6"	16-1/4"	22-1/4"				9400	3000	19
TR3-2008	2" X 8"	18-1/4"	26-1/4"				9400	3000	21
TR3-2008-ASAE*	2" X 8"	20-1/4"	28-1/4"				9400	3000	22
TR3-2010	2" X 10"	20-1/4"	30-1/4"				9400	3000	23
TR3-2012	2" X 12"	22-1/4"	34-1/4"				9400	3000	25
TR3-2014	2" X 14"	24-1/4"	38-1/4"				8400	2600	28
TR3-2016	2" X 16"	26-1/4"	42-1/4"				7000	2200	30
TR3-2018	2" X 18"	28-1/4"	46-1/4"				5900	1900	32
TR3-2020	2" X 20"	30-1/4"	50-1/4"				4400	1400	36
TR3-2024	2" X 24"	34-1/4"	58-1/4"				3000	900	41
TR3-2030	2" X 30"	40-1/4"	70-1/4"				2200	700	47
TR3-2036	2" X 36"	46-1/4"	82-1/4"						
TR3-2504	2.5" X 4"	14-1/4"	18-1/4"	1-1/4"	1"	SAE 8	14700	3000	22
TR3-2506	2.5" X 6"	16-1/4"	22-1/4"				14700	3000	24
TR3-2508	2.5" X 8"	18-1/4"	26-1/4"				14700	3000	26
TR3-2508-ASAE*	2.5" X 8"	20-1/4"	28-1/4"				14700	3000	27
TR3-2510	2.5" X 10"	20-1/4"	30-1/4"				14700	3000	29
TR3-2512	2.5" X 12"	22-1/4"	34-1/4"				14700	3000	31
TR3-2514	2.5" X 14"	24-1/4"	38-1/4"				14700	3000	34
TR3-2516	2.5" X 16"	26-1/4"	42-1/4"				12800	2600	36
TR3-2518	2.5" X 18"	28-1/4"	46-1/4"				10700	2100	38
TR3-2520	2.5" X 20"	30-1/4"	50-1/4"				9100	1800	41
TR3-2524	2.5" X 24"	34-1/4"	58-1/4"				6700	1300	45
TR3-2530	2.5" X 30"	40-1/4"	70-1/4"				4600	900	53
TR3-2536	2.5" X 36"	46-1/4"	82-1/4"				3400	600	60
TR3-3004	3" X 4"	14-1/4"	18-1/4"	1-1/4"	1"	SAE 8	21200	3000	26
TR3-3006	3" X 6"	16-1/4"	22-1/4"				21200	3000	29
TR3-3008	3" X 8"	18-1/4"	26-1/4"				21200	3000	32
TR3-3008-ASAE*	3" X 8"	20-1/4"	28-1/4"				21200	3000	32
TR3-3010	3" X 10"	20-1/4"	30-1/4"				21200	3000	34
TR3-3012	3" X 12"	22-1/4"	34-1/4"				21200	3000	37
TR3-3014	3" X 14"	24-1/4"	38-1/4"		21200		3000	40	
TR3-3016	3" X 16"	26-1/4"	42-1/4"		18800		2600	43	
TR3-3016-ASAE*	3" X 16"	31-1/2"	47-1/2"		14900		2100	45	
TR3-3018	3" X 18"	28-1/4"	46-1/4"		15700		2200	45	
TR3-3020	3" X 20"	30-1/4"	50-1/4"		13300		1800	48	
TR3-3024	3" X 24"	34-1/4"	58-1/4"		9900		1400	53	
TR3-3030	3" X 30"	40-1/4"	70-1/4"		6800		900	62	
TR3-3036	3" X 36"	46-1/4"	82-1/4"	4900	700	70			

\* NPT PORTS ARE ALSO AVAILABLE.

NOTE : COLUMN LOAD IS THE MAXIMUM PUSHING LOAD SUGGESTED USING A MINIMUM SAFETY FACTOR OF 2 AND BASED ON A PIN TO PIN MOUNTING CALCULATION.

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DESIGNATES AN INDUSTRY MOUNTING STANDARD FOR 8" AND 16" STROKE CYLINDERS



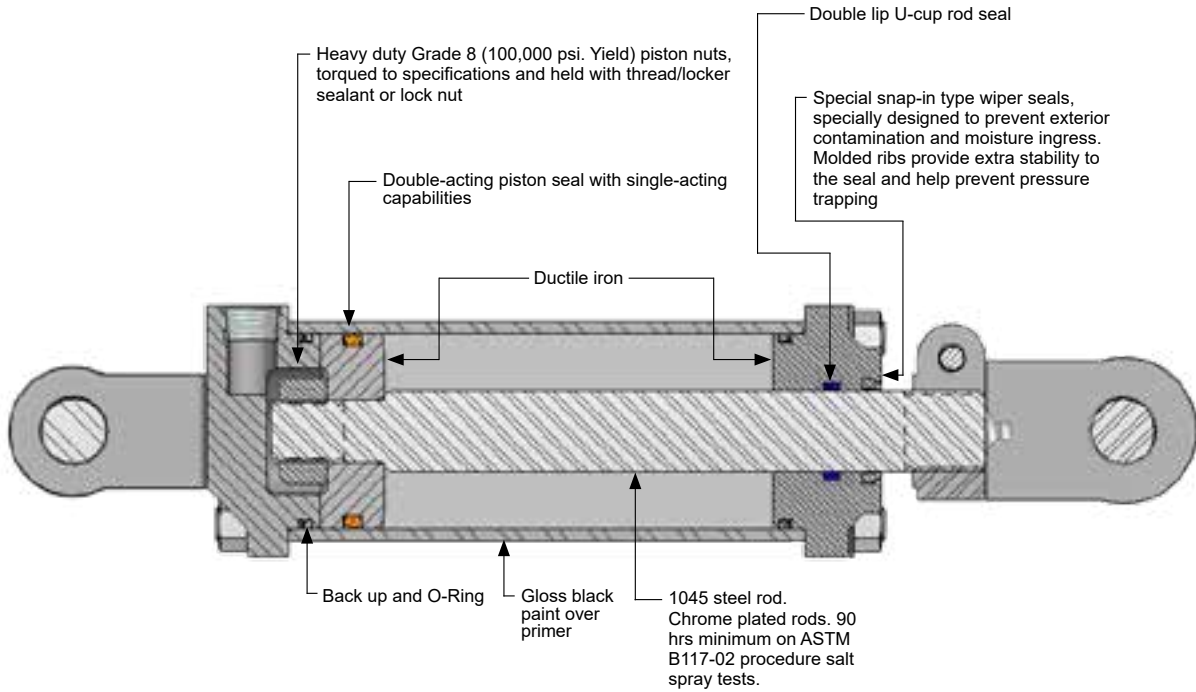
AGRICULTURAL										
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOAD (LBS)	PRESSURE (PSI)	WEIGHT (LBS)	
		RETRACTED	EXTENDED							
TR3-3504	3.5" X 4"	14-1/4"	18-1/4"	1-3/8"	1"	SAE 8	28800	3000	34	
TR3-3506	3.5" X 6"	16-1/4"	22-1/4"				28800	3000	37	
TR3-3508	3.5" X 8"	18-1/4"	26-1/4"				28800	3000	40	
TR3-3508-ASAE*	3.5" X 8"	20-1/4"	28-1/4"				28800	3000	41	
TR3-3510	3.5" X 10"	20-1/4"	30-1/4"				28300	2900	44	
TR3-3512	3.5" X 12"	22-1/4"	34-1/4"				28700	2900	47	
TR3-3514	3.5" X 14"	24-1/4"	38-1/4"				23000	2300	50	
TR3-3516	3.5" X 16"	26-1/4"	42-1/4"				18800	1900	53	
TR3-3516-ASAE*	3.5" X 16"	31-1/2"	47-1/2"				14900	1500	56	
TR3-3518	3.5" X 18"	28-1/4"	46-1/4"				15700	1600	56	
TR3-3520	3.5" X 20"	30-1/4"	50-1/4"	1-1/2"	1"	13300	1300	60		
TR3-3524	3.5" X 24"	34-1/4"	58-1/4"			9900	1000	66		
TR3-3530	3.5" X 30"	40-1/4"	70-1/4"			6800	700	76		
TR3-3536	3.5" X 36"	46-1/4"	82-1/4"			4900	500	85		
TR3-4004	4" X 4"	14-1/4"	18-1/4"			1-1/2"	1"	37600	3000	41
TR3-4006	4" X 6"	16-1/4"	22-1/4"					37600	3000	45
TR3-4008	4" X 8"	18-1/4"	26-1/4"	37600	3000			49		
TR3-4008-ASAE*	4" X 8"	20-1/4"	28-1/4"	37600	3000			50		
TR3-4010	4" X 10"	20-1/4"	30-1/4"	37600	3000			52		
TR3-4012	4" X 12"	22-1/4"	34-1/4"	37600	3000			56		
TR3-4014	4" X 14"	24-1/4"	38-1/4"	37600	3000			60		
TR3-4016	4" X 16"	26-1/4"	42-1/4"	37600	3000			64		
TR3-4016-ASAE*	4" X 16"	31-1/2"	47-1/2"	37600	3000			68		
TR3-4018	4" X 18"	28-1/4"	46-1/4"	37600	3000			68		
TR3-4020	4" X 20"	30-1/4"	50-1/4"	1-3/4"	1"	35000	2700	72		
TR3-4024	4" X 24"	34-1/4"	58-1/4"			26000	2000	80		
TR3-4030	4" X 30"	40-1/4"	70-1/4"			17900	1400	92		
TR3-4036	4" X 36"	46-1/4"	82-1/4"			13000	1000	104		
TR3-5004	5" X 4"	16-1/4"	20-1/4"			2"	1-1/4"	58900	3000	71
TR3-5006	5" X 6"	18-1/4"	24-1/4"					58900	3000	76
TR3-5008-ASAE*	5" X 8"	22-1/4"	30-1/4"	58900	3000			81		
TR3-5010	5" X 10"	22-1/4"	32-1/4"	58900	3000			86		
TR3-5012	5" X 12"	24-1/4"	36-1/4"	58900	3000			91		
TR3-5014	5" X 14"	26-1/4"	40-1/4"	58900	3000			96		
TR3-5016	5" X 16"	28-1/4"	44-1/4"	58900	3000			101		
TR3-5016-ASAE*	5" X 16"	31-1/2"	47-1/2"	58900	3000			104		
TR3-5018	5" X 18"	30-1/4"	48-1/4"	58900	3000			106		
TR3-5020	5" X 20"	32-1/4"	52-1/4"	55200	2800			112		
TR3-5024	5" X 24"	36-1/4"	60-1/4"	41500	2100			122		
TR3-5030	5" X 30"	42-1/4"	72-1/4"	28800	1400			137		
TR3-5036	5" X 36"	48-1/4"	84-1/4"	21200	1000			153		

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SEAL TEMPERATURE RANGE : -30 °C / +100 °C (-22 °F / +212 °F)  
 SEAL MAXIMUM SPEED : 3 FT / SEC

- All seals are top grade/first quality North American made
- All components are CNC machined for higher accuracy and conformity
- Quality controlled in China by qualified Canadian technicians
- 100% tested. All cylinders are submitted to static and dynamic pressure tests to recommended specifications

