

WELDED TYPE

CROSS TUBE TYPE

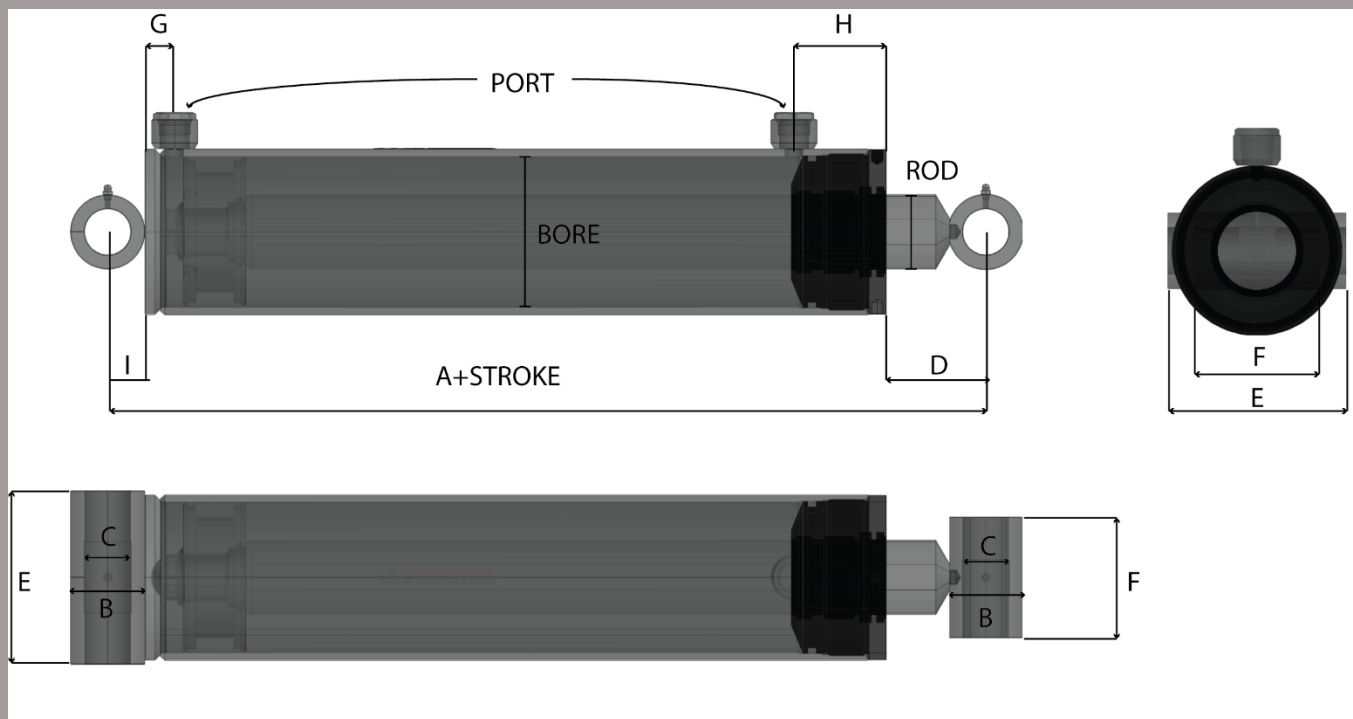


Type:	Welded Hydraulic Cylinder
Action:	Double Acting
Rod End:	Welded Cross Tube
Base End:	Welded Cross Tube
Bore:	1.50" to 5.00"
Stroke:	4" - 48"
Rod:	Standard Chrome Plated Rod Steel 1045
Pressure:	3000 PSI
Application:	Construction & Agricultural Machinery



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*ALL VALUES ARE IN INCHES

**ALL NUMBERS GIVEN ARE NOMINAL VALUES AND SHOULD BE USED FOR REFERENCE ONLY. ALL PRODUCT SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER - 3000 PSI											
BORE	ROD	PORT	A	B	C	D	E	F	G	H	I
1.50"	1.00"	SAE 4	8.00"	1.25"	0.764"	2.913"	2.25"	2.00"	0.929"	2.129"	0.625"
2.00"	1.25"	SAE 6	8.00"	1.50"	1.015"	2.844"	2.75"	2.25"	0.894"	1.937"	0.750"
2.50"	1.50"	SAE 8	8.00"	1.50"	1.015"	2.654"	3.25"	2.25"	0.894"	1.925"	0.750"
3.00"	1.50"	SAE 8	8.00"	1.50"	1.015"	2.301"	3.75"	2.25"	1.012"	2.244"	0.750"
3.50"	1.75"	SAE 8	10.00"	2.00"	1.265"	3.980"	4.25"	2.25"	1.012"	2.248"	1.000"
4.00"	2.00"	SAE 8	10.00"	2.25"	1.515"	3.934"	4.75"	2.50"	1.012"	2.244"	1.126"
5.00"	2.50"	3/4NPT	11.00"	2.50"	1.515"	2.750"	5.75"	4.00"	1.500"	2.272"	0.787"

1.5" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-1504-NS	1.5" X 4"	12"	16"	1"	3/4"	SAE 4	5300	8
WT-1506-NS	1.5" X 6"	14"	20"				5300	9
WT-1508-NS	1.5" X 8"	16"	24"				5300	10
WT-1510-NS	1.5" X 10"	18"	28"				5300	12
WT-1512-NS	1.5" X 12"	20"	32"				5300	13
WT-1514-NS	1.5" X 14"	22"	36"				5300	14
WT-1516-NS	1.5" X 16"	24"	40"				5300	15
WT-1518-NS	1.5" X 18"	26"	44"				4800	17
WT-1520-NS	1.5" X 20"	28"	48"				4000	18
WT-1524-NS	1.5" X 24"	32"	56"				3000	20

2.0" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-2004-NS	2" X 4"	12"	16"	1 1/4"	1"	SAE 6	9400	12
WT-2006-NS	2" X 6"	14"	20"				9400	13
WT-2008-NS	2" X 8"	16"	24"				9400	15
WT-2010-NS	2" X 10"	18"	28"				9400	17
WT-2012-NS	2" X 12"	20"	32"				9400	19
WT-2014-NS	2" X 14"	22"	36"				9400	20
WT-2016-NS	2" X 16"	24"	40"				9400	22
WT-2018-NS	2" X 18"	26"	44"				9400	24
WT-2020-NS	2" X 20"	28"	48"				9400	25
WT-2024-NS	2" X 24"	32"	56"				7300	29
WT-2028-NS	2" X 28"	36"	64"				5600	32
WT-2030-NS	2" X 30"	38"	68"				4900	34
WT-2032-NS	2" X 32"	40"	72"				4400	35
WT-2036-NS	2" X 36"	44"	80"				3500	39
WT-2040-NS	2" X 40"	48"	88"				2900	42
WT-2048-NS	2" X 48"	56"	104"				2100	49

2.5" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-2504-NS	2.5" X 4"	12"	16"	1 1/2"	1"	SAE 8	14700	16
WT-2506-NS	2.5" X 6"	14"	20"				14700	18
WT-2508-NS	2.5" X 8"	16"	24"				14700	20
WT-2510-NS	2.5" X 10"	18"	28"				14700	22
WT-2512-NS	2.5" X 12"	20"	32"				14700	24
WT-2514-NS	2.5" X 14"	22"	36"				14700	27
WT-2516-NS	2.5" X 16"	24"	40"				14700	29
WT-2518-NS	2.5" X 18"	26"	44"				14700	31
WT-2520-NS	2.5" X 20"	28"	48"				14700	33
WT-2524-NS	2.5" X 24"	32"	56"				14700	38
WT-2528-NS	2.5" X 28"	36"	64"				11600	42
WT-2530-NS	2.5" X 30"	38"	68"				10300	45
WT-2532-NS	2.5" X 32"	40"	72"				9200	47
WT-2536-NS	2.5" X 36"	44"	80"				7400	51
WT-2540-NS	2.5" X 40"	48"	88"				6100	56
WT-2548-NS	2.5" X 48"	56"	104"				4400	65

3.0" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-3004-NS	3" X 4"	12"	16"	1 1/2"	1"	SAE 8	21200	19
WT-3006-NS	3" X 6"	14"	20"				21200	22
WT-3008-NS	3" X 8"	16"	24"				21200	24
WT-3010-NS	3" X 10"	18"	28"				21200	27
WT-3012-NS	3" X 12"	20"	32"				21200	29
WT-3014-NS	3" X 14"	22"	36"				21200	32
WT-3016-NS	3" X 16"	24"	40"				21200	34
WT-3018-NS	3" X 18"	26"	44"				21200	36
WT-3020-NS	3" X 20"	28"	48"				20700	39
WT-3024-NS	3" X 24"	32"	56"				15200	44
WT-3028-NS	3" X 28"	36"	64"				11600	49
WT-3030-NS	3" X 30"	38"	68"				10300	51
WT-3032-NS	3" X 32"	40"	72"				9200	53
WT-3036-NS	3" X 36"	44"	80"				7400	58
WT-3040-NS	3" X 40"	48"	88"				6100	63
WT-3048-NS	3" X 48"	56"	104"				4400	73

3.5" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-3504-NS	3.5" X 4"	14"	18"	1 3/4"	1 1/4"	SAE 8	28800	27
WT-3506-NS	3.5" X 6"	16"	22"				28800	30
WT-3508-NS	3.5" X 8"	18"	26"				28800	33
WT-3510-NS	3.5" X 10"	20"	30"				28800	36
WT-3512-NS	3.5" X 12"	22"	34"				28800	39
WT-3514-NS	3.5" X 14"	24"	38"				28800	42
WT-3516-NS	3.5" X 16"	26"	42"				28800	45
WT-3518-NS	3.5" X 18"	28"	46"				28800	48
WT-3520-NS	3.5" X 20"	30"	50"				28800	51
WT-3524-NS	3.5" X 24"	34"	58"				26200	57
WT-3528-NS	3.5" X 28"	38"	66"				20200	63
WT-3530-NS	3.5" X 30"	40"	70"				18000	66
WT-3532-NS	3.5" X 32"	42"	74"				16100	69
WT-3536-NS	3.5" X 36"	46"	82"				13100	75
WT-3540-NS	3.5" X 40"	50"	90"				10900	81
WT-3548-NS	3.5" X 48"	58"	106"				7800	94

4.0" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-4004-NS	4" X 4"	14"	18"	2"	1 1/2"	SAE 8	37600	34
WT-4006-NS	4" X 6"	16"	22"				37600	38
WT-4008-NS	4" X 8"	18"	26"				37600	41
WT-4010-NS	4" X 10"	20"	30"				37600	45
WT-4012-NS	4" X 12"	22"	34"				37600	49
WT-4014-NS	4" X 14"	24"	38"				37600	52
WT-4016-NS	4" X 16"	26"	42"				37600	56
WT-4018-NS	4" X 18"	28"	46"				37600	59
WT-4020-NS	4" X 20"	30"	50"				37600	63
WT-4024-NS	4" X 24"	34"	58"				37600	70
WT-4028-NS	4" X 28"	38"	66"				34600	78
WT-4030-NS	4" X 30"	40"	70"				30700	81
WT-4032-NS	4" X 32"	42"	74"				27500	85
WT-4036-NS	4" X 36"	46"	82"				22400	92
WT-4040-NS	4" X 40"	50"	90"				18600	99
WT-4048-NS	4" X 48"	58"	106"				13400	114

5.0" BORE		WELDED CROSS TUBE DOUBLE ACTING HYDRAULIC CYLINDER – 3000 PSI						
PART NUMBER	BORE & STROKE	DIMENSIONS		ROD DIAMETER	PIN SIZE	PORTS	COLUMN LOADS (LBS)	WEIGHT (LBS)
		RETRACTED	EXTENDED					
WT-5004-NS	5" X 4"	15"	19"	2 1/2"	1 1/2"	3/4 NPT	58900	64
WT-5006-NS	5" X 6"	17"	23"				58900	69
WT-5008-NS	5" X 8"	19"	27"				58900	75
WT-5010-NS	5" X 10"	21"	31"				58900	80
WT-5012-NS	5" X 12"	23"	35"				58900	85
WT-5014-NS	5" X 14"	25"	39"				58900	90
WT-5016-NS	5" X 16"	27"	43"				58900	96
WT-5018-NS	5" X 18"	29"	47"				58900	101
WT-5020-NS	5" X 20"	31"	51"				58900	106
WT-5024-NS	5" X 24"	35"	59"				58900	116
WT-5028-NS	5" X 28"	39"	67"				58900	126
WT-5030-NS	5" X 30"	41"	71"				58900	131
WT-5032-NS	5" X 32"	43"	75"				58900	136
WT-5036-NS	5" X 36"	47"	83"				52100	147
WT-5040-NS	5" X 40"	51"	91"				43400	157
WT-5048-NS	5" X 48"	59"	107"				31500	177