



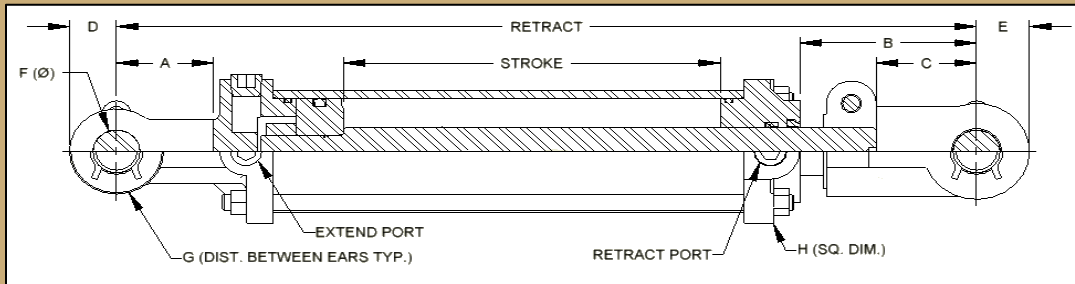
C Y L I N D E R S

Standard 2500 PSI Tie-rod Cylinders



FEATURES:

- Durable black powder coat paint
- Steel rod clevis & base clevis
- 100% tested
- Clevis meets ASAE specs
- Seals from North America
- Individually bagged & boxed
- Plated tie-rods & powder coat allows coverage under the tie-rods
- Side port configuration



MODEL	BORE	EXTEND PORT	RETRACT PORT	A	B	C	D	E	F	G	H
W200000	2.0	3/8 NPTF	3/8 NPTF	2.00	3.75	2.13	.97	1.03	1.00	1.13	2.82
W250000	2.5	3/8 NPTF	3/8 NPTF	2.00	3.75	2.13	.97	1.13	1.00	1.13	3.38
W300000	3.0	1/2 NPTF	1/2 NPTF	2.00	3.75	2.13	1.00	1.13	1.00	1.13	3.90
W350000	3.5	1/2 NPTF	1/2 NPTF	2.00	3.75	2.13	1.13	1.13	1.00	1.13	4.62
W400000	4.0	1/2 NPTF	1/2 NPTF	2.00	3.75	2.13	1.13	1.25	1.00	1.13	4.75

MODEL	BORE x STROKE		RETRACT	ROD DIAMETER	COLMN LOAD (LBS)/PSI*	WT	LIST PRICE
W200040	2	X 4	14.25	1.125	FULL PSI	16	88.66
W200060	2	X 6	16.25	1.125	FULL PSI	17	93.11
W200080	2	X 8	18.25	1.125	FULL PSI	17	97.22
V200080	2	X 8	20.25	1.125	FULL PSI	18	99.43
W200100	2	X 10	20.25	1.125	FULL PSI	20	105.91
W200120	2	X 12	22.25	1.125	FULL PSI	21	109.99
W200140	2	X 14	24.25	1.125	FULL PSI	22	117.21
W200160	2	X 16	26.25	1.125	FULL PSI	23	
V200160	2	X 16	31.50	1.125	7,750 LB / 2,470 PSI*	24	121.93
W200180	2	X 18	28.25	1.125	7,850 LB / 2,490 PSI*	24	126.64
W200200	2	X 20	30.25	1.125	7,500 LB / 2,390 PSI*	25	133.79
W200240	2	X 24	34.25	1.125	5,500 LB / 1,770 PSI*	27	140.08
W200300	2	X 30	40.25	1.125	3,800 LB / 1,220 PSI*	35	154.81
W200360	2	X 36	46.25	1.125	2,750 LB / 875 PSI*	40	168.40

W250060	2.5	X 6	16.25	1.125	FULL PSI	19	105.98
W250080	2.5	X 8	18.25	1.125	FULL PSI	20	110.88
V250080	2.5	X 8	20.25	1.125	FULL PSI	21	112.80
W250100	2.5	X 10	20.25	1.125	FULL PSI	22	116.24
W250120	2.5	X 12	22.25	1.125	FULL PSI	24	121.44
W250140	2.5	X 14	24.25	1.125	FULL PSI	25	133.04
W250160	2.5	X 16	26.25	1.125	11,050 LB / 2,250 PSI*	27	138.51
W250180	2.5	X 18	28.25	1.250	FULL PSI	28	147.08
W250200	2.5	X 20	30.25	1.250	FULL PSI	30	152.84
W250240	2.5	X 24	34.25	1.250	8,650 LB / 1,760 PSI*	33	163.44
W250300	2.5	X 30	40.25	1.250	5,900 LB / 1,200 PSI*	45	187.34
W250360	2.5	X 36	46.25	1.250	4,300 LB / 875 PSI*	56	199.46



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MODEL	BORE x STROKE	RETRACT	ROD DIAMETER	COLM N LOAD (LBS)/PSI *	WT	LIST PRICE
W300040	3 X 4	14.25	1.25	FULL PSI	20	109.28
W300060	3 X 6	16.25	1.25	FULL PSI	25	115.91
W300080	3 X 8	18.25	1.25	FULL PSI	25	121.07
➤ V300080	3 X 8	20.25	1.25	FULL PSI	25	122.64
W300100	3 X 10	20.25	1.25	FULL PSI	30	133.69
W300120	3 X 12	22.25	1.25	FULL PSI	28	140.79
W300140	3 X 14	24.25	1.25	FULL PSI	30	144.32
➤ W300160	3 X 16	26.25	1.25	FULL PSI	33	158.02
➤ V300160	3 X 16	31.50	1.5	FULL PSI	35	161.13
W300180	3 X 18	28.25	1.5	FULL PSI	35	166.74
W300200	3 X 20	30.25	1.5	FULL PSI	37	177.59
W300240	3 X 24	34.25	1.5	FULL PSI	42	190.70
W300300	3 X 30	40.25	1.5	12,150 LB / 1,720 PSI*	59	243.15

➤ V350080	3.5 X 8	20.25	1.25	FULL PSI	29	161.62
W350100	3.5 X 10	20.25	1.25	FULL PSI	30	164.74
W350120	3.5 X 12	22.25	1.25	FULL PSI	33	177.27
W350140	3.5 X 14	24.25	1.25	FULL PSI	35	185.85
W350160	3.5 X 16	26.25	1.25	17,000 LB / 1,760 PSI*	37	194.72
➤ V350160	3.5 X 16	31.50	1.5	FULL PSI	39	199.53
W350180	3.5 X 18	28.25	1.25	14,000 LB / 1,450 PSI*	40	204.34
W350200	3.5 X 20	30.25	1.5	FULL PSI	42	213.03
W350240	3.5 X 24	34.25	1.5	18,000 LB / 1,870 PSI*	51	270.12
W350300	3.5 X 30	40.25	1.5	12,000 LB / 1,250 PSI*	59	299.84

➤ W400040	4.0 X 4	14.25	1.5	FULL PSI	30	161.34
➤ V400080	4.0 X 8	20.25	1.5	FULL PSI	36	185.90
W400100	4.0 X 10	20.25	1.5	FULL PSI	37	192.32
W400120	4.0 X 12	22.25	1.5	FULL PSI	40	202.36
W400140	4.0 X 14	24.25	1.5	FULL PSI	42	211.85
W400160	4.0 X 16	26.25	1.5	FULL PSI	48	223.06
➤ V400160	4.0 X 16	31.50	2	FULL PSI	64	245.19
W400180	4.0 X 18	28.25	1.5	30,000 LB / 2,380 PSI*	51	245.77
W400200	4.0 X 20	30.25	1.5	25,000 LB / 1,990 PSI*	53	254.96
W400240	4.0 X 24	34.25	2	FULL PSI	70	274.79
W400300	4.0 X 30	40.25	2	FULL PSI	87	361.05
W400360	4.0 X 36	46.25	2	27,000 LB / 2,150 PSI*	98	407.31

* These models have a column load restriction that limits the maximum push load that the cylinder can safely operate at.

➤ NOTE: V models are built to ASAE retract dimensions.

The "B" dimension shown in the chart will be 2.00 inches longer for 8.0 inch stroke V models and will be 5.25 inches longer for 16.0 inch stroke V models. Also, Model V300160, V3500160, & V400160 will have a 1.25 pin.