



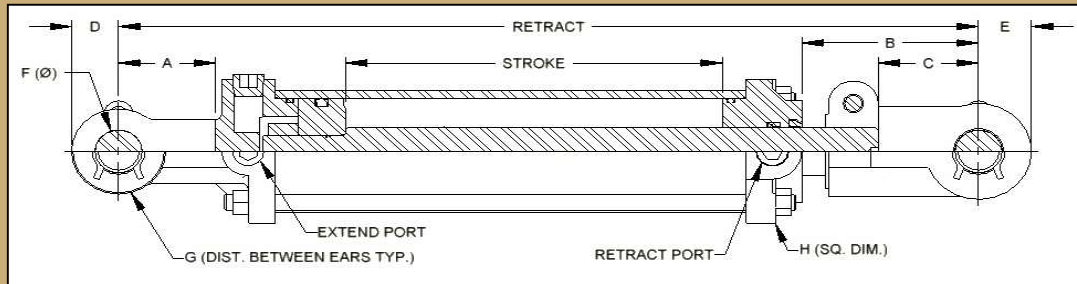
# C Y L I N D E R S

## 2500 PSI Tie-Rod Cylinders



### FEATURES:

- Steel rod devis & base clevis
- 100% tested
- Clevis meets ASAE specs
- Individually bagged & boxed
- Side port configuration
- SAE O-ring ports for reliable & leak-free connection



| MODEL     | BORE | EXT PORT SAE | RET PORT SAE | A    | B    | C    | D    | E    | F    | G    | H    |
|-----------|------|--------------|--------------|------|------|------|------|------|------|------|------|
| W200000-S | 2.0  | #6           | #6           | 2.00 | 3.75 | 2.13 | .97  | 1.03 | 1.00 | 1.13 | 2.82 |
| W250000-S | 2.5  | #6           | #6           | 2.00 | 3.75 | 2.13 | .97  | 1.13 | 1.00 | 1.13 | 3.38 |
| W300000-S | 3.0  | #8           | #8           | 2.00 | 3.75 | 2.13 | 1.00 | 1.13 | 1.00 | 1.13 | 3.90 |
| W350000-S | 3.5  | #8           | #8           | 2.00 | 3.75 | 2.13 | 1.13 | 1.13 | 1.00 | 1.13 | 4.62 |
| W400000-S | 4.0  | #8           | #8           | 2.00 | 3.75 | 2.13 | 1.13 | 1.25 | 1.00 | 1.13 | 4.75 |

| MODEL       | BORE x STROKE |      | RETRACT | ROD DIAMETER | COLUMN LOAD LBS)/PSI*  | WT | LIST PRICE |
|-------------|---------------|------|---------|--------------|------------------------|----|------------|
| W200040-S   | 2             | X 4  | 14.25   | 1.125        | FULL PSI               | 16 | 223.00     |
| W200060-S   | 2             | X 6  | 16.25   | 1.125        | FULL PSI               | 17 | 233.00     |
| W200080-S   | 2             | X 8  | 18.25   | 1.125        | FULL PSI               | 17 | 243.00     |
| ➤ V200080-S | 2             | X 8  | 20.25   | 1.125        | FULL PSI               | 18 | 248.00     |
| W200100-S   | 2             | X 10 | 20.25   | 1.125        | FULL PSI               | 20 | 262.00     |
| W200120-S   | 2             | X 12 | 22.25   | 1.125        | FULL PSI               | 21 | 271.00     |
| W200160-S   | 2             | X 16 | 26.25   | 1.125        | FULL PSI               | 23 | 299.00     |
| † W200160-S | 2             | X 16 | 31.50   | 1.125        | 7,400 LB / 2,350 PSI*  | 24 | Call       |
| W200180-S   | 2             | X 18 | 28.25   | 1.125        | 7,850 LB / 2,490 PSI*  | 24 | 310.00     |
| W200200-S   | 2             | X 20 | 30.25   | 1.125        | 7,500 LB / 2,390 PSI*  | 25 | 327.00     |
| W200240-S   | 2             | X 24 | 34.25   | 1.125        | 5,500 LB / 1,770 PSI*  | 27 | 341.00     |
| W200300-S   | 2             | X 30 | 40.25   | 1.125        | 3,800 LB / 1,220 PSI*  | 35 | 371.00     |
| W200360-S   | 2             | X 36 | 46.25   | 1.125        | 2,750 LB / 875 PSI*    | 40 | 401.00     |
| W250040-S   | 2.5           | X 4  | 14.25   | 1.125        | FULL PSI               | 18 | 255.00     |
| W250060-S   | 2.5           | X 6  | 16.25   | 1.125        | FULL PSI               | 19 | 266.00     |
| W250080-S   | 2.5           | X 8  | 18.25   | 1.125        | FULL PSI               | 20 | 277.00     |
| ➤ V250080-S | 2.5           | X 8  | 20.25   | 1.125        | FULL PSI               | 21 | 281.00     |
| W250100-S   | 2.5           | X 10 | 20.25   | 1.125        | FULL PSI               | 22 | 289.00     |
| W250120-S   | 2.5           | X 12 | 22.25   | 1.125        | FULL PSI               | 24 | 300.00     |
| † W250140-S | 2.5           | X 14 | 24.25   | 1.125        | FULL PSI               | 25 | Call       |
| W250160-S   | 2.5           | X 16 | 26.25   | 1.125        | 11,050 LB / 2,250 PSI* | 27 | 340.00     |
| W250180-S   | 2.5           | X 18 | 28.25   | 1.250        | FULL PSI               | 28 | 360.00     |
| † W250200-S | 2.5           | X 20 | 30.25   | 1.250        | FULL PSI               | 30 | Call       |
| W250240-S   | 2.5           | X 24 | 34.25   | 1.250        | 8,650 LB / 1,760 PSI*  | 33 | 397.00     |
| W250300-S   | 2.5           | X 30 | 40.25   | 1.250        | 5,900 LB / 1,200 PSI*  | 45 | 446.00     |
| † W250360-S | 2.5           | X 36 | 46.25   | 1.250        | 4,300 LB / 875 PSI*    | 56 | Call       |
| † W250480-S | 2.5           | X 48 | 58.25   | 1.25         | 2,500 LB / 500 PSI*    | 68 | Call       |

† NON-STOCKED ITEMS AVAILABLE AT STANDARD LEAD-TIME. CHECK OUR PRINCE WEBSITE OR CONTACT YOUR SALES REP TO VERIFY IF NON-STOCKED ITEMS ARE STILL ON HAND FOR IMMEDIATE SHIPMENT.



# C Y L I N D E R S

## 2500 PSI Tie-Rod Cylinders

| MODEL       | BORE x STROKE |   |    | RETRACT | ROD DIAMETER | COLUMN LOAD (LBS)/PSI* | WT | LIST PRICE |
|-------------|---------------|---|----|---------|--------------|------------------------|----|------------|
| W300040-S   | 3             | X | 4  | 14.25   | 1.25         | FULL PSI               | 20 | 278.00     |
| W300060-S   | 3             | X | 6  | 16.25   | 1.25         | FULL PSI               | 25 | 290.00     |
| W300080-S   | 3             | X | 8  | 18.25   | 1.25         | FULL PSI               | 25 | 303.00     |
| ➤ V300080-S | 3             | X | 8  | 20.25   | 1.25         | FULL PSI               | 25 | 307.00     |
| W300100-S   | 3             | X | 10 | 20.25   | 1.25         | FULL PSI               | 30 | 330.00     |
| W300120-S   | 3             | X | 12 | 22.25   | 1.25         | FULL PSI               | 28 | 349.00     |
| W300140-S   | 3             | X | 14 | 24.25   | 1.25         | FULL PSI               | 30 | 356.00     |
| W300160-S   | 3             | X | 16 | 26.25   | 1.25         | FULL PSI               | 33 | 388.00     |
| ➤ V300160-S | 3             | X | 16 | 31.50   | 1.5          | FULL PSI               | 35 | 394.00     |
| W300180-S   | 3             | X | 18 | 28.25   | 1.5          | FULL PSI               | 35 | 408.00     |
| W300200-S   | 3             | X | 20 | 30.25   | 1.5          | FULL PSI               | 37 | 433.00     |
| W300240-S   | 3             | X | 24 | 34.25   | 1.5          | FULL PSI               | 42 | 461.00     |
| W300300-S   | 3             | X | 30 | 40.25   | 1.5          | 12,150 LB / 1,720 PSI* | 59 | 485.00     |
| W300360-S   | 3             | X | 36 | 46.25   | 1.5          | 12,150 LB / 1,720 PSI* | 63 | 636.00     |
|             |               |   |    |         |              |                        |    |            |
| † W350060-S | 3.5           | X | 6  | 16.25   | 1.25         | FULL PSI               | 25 | Call       |
| † W350080-S | 3.5           | X | 8  | 18.25   | 1.25         | FULL PSI               | 27 | Call       |
| ➤ V350080-S | 3.5           | X | 8  | 20.25   | 1.25         | FULL PSI               | 29 | 385.00     |
| W350100-S   | 3.5           | X | 10 | 20.25   | 1.25         | FULL PSI               | 30 | 392.00     |
| W350120-S   | 3.5           | X | 12 | 22.25   | 1.25         | FULL PSI               | 33 | 418.00     |
| W350140-S   | 3.5           | X | 14 | 24.25   | 1.25         | FULL PSI               | 35 | 437.00     |
| W350160-S   | 3.5           | X | 16 | 26.25   | 1.25         | 17,000 LB / 1,760 PSI* | 37 | 456.00     |
| ➤ V350160-S | 3.5           | X | 16 | 31.50   | 1.5          | FULL PSI               | 39 | 466.00     |
| W350180-S   | 3.5           | X | 18 | 28.25   | 1.25         | 14,000 LB / 1,450 PSI* | 40 | Call       |
| † W350200-S | 3.5           | X | 20 | 30.25   | 1.5          | FULL PSI               | 42 | Call       |
| † W350240-S | 3.5           | X | 24 | 34.25   | 1.5          | 18,000 LB / 1,870 PSI* | 51 | Call       |
| † W350300-S | 3.5           | X | 30 | 40.25   | 1.5          | 12,000 / 1,250 PSI     | 65 | Call       |
| † W350360-S | 3.5           | X | 36 | 46.25   | 1.5          | 9,000 / 940 PSI        | 78 | Call       |
|             |               |   |    |         |              |                        |    |            |
| W400040-S   | 4.0           | X | 4  | 14.25   | 1.5          | FULL PSI               | 30 | 387.00     |
| † W400080-S | 4.0           | X | 8  | 18.25   | 1.5          | FULL PSI               | 34 | Call       |
| ➤ V400080-S | 4.0           | X | 8  | 20.25   | 1.5          | FULL PSI               | 36 | 435.00     |
| W400100-S   | 4.0           | X | 10 | 20.25   | 1.5          | FULL PSI               | 37 | 450.00     |
| W400120-S   | 4.0           | X | 12 | 22.25   | 1.5          | FULL PSI               | 40 | 470.00     |
| † W400140-S | 4.0           | X | 14 | 24.25   | 1.5          | FULL PSI               | 42 | Call       |
| W400160-S   | 4.0           | X | 16 | 26.25   | 1.5          | FULL PSI               | 48 | 512.00     |
| ➤ V400160-S | 4.0           | X | 16 | 31.50   | 2            | FULL PSI               | 64 | 561.00     |
| W400180-S   | 4.0           | X | 18 | 28.25   | 1.5          | 30,000 LB / 2,380 PSI* | 51 | 562.00     |
| † W400200-S | 4.0           | X | 20 | 30.25   | 1.5          | 25,000 LB / 2,150      | 54 | Call       |
| W400240-S   | 4.0           | X | 24 | 34.25   | 2            | FULL PSI               | 70 | 731.00     |
| † W400300-S | 4.0           | X | 30 | 40.25   | 2            | FULL PSI               | 87 | Call       |
| W400360-S   | 4.0           | X | 36 | 46.25   | 2            | 27,000 LB / 2,150 PSI* | 98 | 893.00     |

### UNIVERSAL SEAL KITS

| PART NO.    | DESCRIPTION |
|-------------|-------------|
| PMCK-WW2000 | 2 BORE      |
| PMCK-WW2500 | 2.5 BORE    |
| PMCK-WW3000 | 3 BORE      |
| PMCK-WW3500 | 3.5 BORE    |
| PMCK-WW4000 | 4 BORE      |

\* 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, V350160, & V400160 will have a 1.25 pin.

† NON-STOCKED ITEMS AVAILABLE AT STANDARD LEAD-TIME.

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