

## Prince Rephasing Tie-Rod Cylinders

• Brand New PRINCE rephasing double acting cylinders for series applications where multiple cylinders extend and retract equally. Two or more cylinders are plumbed in series, with bore and rod diameters sized so all rods extend or retract in unison. The rephase bypass allows oil to bypass piston on full cylinder extension to fill the next cylinder during initial synchronization or to compensate for internal leakage.

• The Royal Plate cylinder combines two rod coatings to provide excellent wear, hardness and corrosion protection.

**Not to be used as single cylinder at full pressure due to column buckling!**



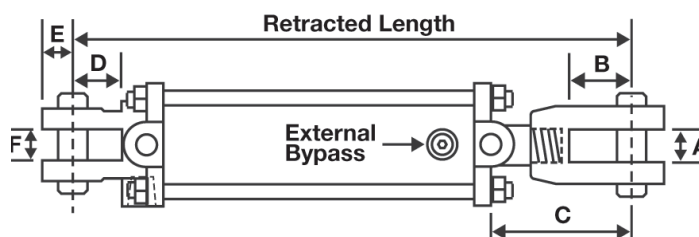
# Prince



### 2½" and 2¾" Bore Cylinders

**SPECIFICATIONS:** Rod dia. 1½", ports SAE 8, 3000 PSI, clevis pin 1" dia.

| Bore Size | ITEM      | Stroke | R. Lgth | Shpg.   | Price           |
|-----------|-----------|--------|---------|---------|-----------------|
| 2½" Bore  | 9-7923-8  | 8"     | 20¼"    | 28 lbs. | <b>\$387.00</b> |
|           | 9-7923-12 | 12"    | 24¼"    | 31 lbs. | <b>\$385.50</b> |
| 2¾" Bore  | 9-7924-8  | 8"     | 20¼"    | 32 lbs. | <b>\$393.00</b> |
|           | 9-7924-10 | 10"    | 22¼"    | 33 lbs. | <b>\$411.00</b> |



Dimensional Data for Prince Rephasing Cylinders

| Bore | Throat Depth |     |     | Throat Depth |     |     |
|------|--------------|-----|-----|--------------|-----|-----|
|      | A            | B   | C   | D            | E   | F   |
| 2½"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 2¾"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 3"   | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 3¼"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 3½"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 3¾"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 4"   | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 4½"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 4¾"  | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |
| 5"   | 1½"          | 1¾" | 5¾" | 1¾"          | 1½" | 1½" |

### 3" and 3¼" and 3½" Bore Cylinders

**SPECIFICATIONS:** Rod dia. 1½", ports SAE 8, 3000 PSI, clevis pin 1" dia.

| Bore Size | ITEM      | Stroke | R. Lgth | Shpg.   | Price           |
|-----------|-----------|--------|---------|---------|-----------------|
| 3" Bore   | 9-7925-8  | 8"     | 20¼"    | 32 lbs. | <b>\$433.50</b> |
|           | 9-7925-10 | 10"    | 22¼"    | 33 lbs. | <b>\$465.00</b> |
|           | 9-7925-12 | 12"    | 24¼"    | 36 lbs. | <b>\$454.50</b> |
|           | 9-7925-16 | 16"    | 28¼"    | 43 lbs. | <b>\$468.00</b> |
| 3¼" Bore  | 9-7926-8  | 8"     | 20¼"    | 38 lbs. | <b>\$412.50</b> |
|           | 9-7926-10 | 10"    | 22¼"    | 40 lbs. | <b>\$468.00</b> |
|           | 9-7926-12 | 12"    | 24¼"    | 42 lbs. | <b>\$474.00</b> |
| 3½" Bore  | 9-7927-8  | 8"     | 20¼"    | 38 lbs. | <b>\$379.50</b> |
|           | 9-7927-10 | 10"    | 22¼"    | 40 lbs. | <b>\$460.50</b> |
|           | 9-7927-12 | 12"    | 24¼"    | 42 lbs. | <b>\$432.00</b> |
|           | 9-7927-16 | 16"    | 28¼"    | 49 lbs. | <b>\$514.50</b> |

### 4½" Bore Cylinders

**SPECIFICATIONS:** Rod dia. 2", ports SAE 8, 3000 PSI, clevis pin 1" dia.

| Bore Size | ITEM      | Stroke | R. Lgth | Shpg.   | Price           |
|-----------|-----------|--------|---------|---------|-----------------|
| 4½" Bore  | 9-7930-8  | 8"     | 20¼"    | 63 lbs. | <b>\$561.00</b> |
|           | 9-7930-10 | 10"    | 22¼"    | 67 lbs. | <b>\$631.50</b> |
|           | 9-7930-12 | 12"    | 24¼"    | 72 lbs. | <b>\$619.50</b> |

### 3¾" and 4" Bore Cylinders

**SPECIFICATIONS:** Rod dia. 1¾", ports SAE 8, 3000 PSI, clevis pin 1" dia.

| Bore Size | ITEM      | Stroke | R. Lgth | Shpg.   | Price           |
|-----------|-----------|--------|---------|---------|-----------------|
| 3¾" Bore  | 9-7928-8  | 8"     | 20¼"    | 51 lbs. | <b>\$462.00</b> |
|           | 9-7928-10 | 10"    | 22¼"    | 53 lbs. | <b>\$477.00</b> |
|           | 9-7928-12 | 12"    | 24¼"    | 57 lbs. | <b>\$544.50</b> |
|           | 9-7928-16 | 16"    | 28¼"    | 67 lbs. | <b>\$568.50</b> |
| 4" Bore   | 9-7929-8  | 8"     | 20¼"    | 49 lbs. | <b>\$405.00</b> |
|           | 9-7929-10 | 10"    | 22¼"    | 53 lbs. | <b>\$462.00</b> |
|           | 9-7929-12 | 12"    | 24¼"    | 57 lbs. | <b>\$472.50</b> |
|           | 9-7929-16 | 16"    | 28¼"    | 64 lbs. | <b>\$540.00</b> |

### 4¾" and 5" Bore Cylinders

**SPECIFICATIONS:** Rod dia. 1¾", ports SAE 8, 3000 PSI, clevis pin 1" dia.

| Bore Size | ITEM      | Stroke | R. Lgth | Shpg.   | Price           |
|-----------|-----------|--------|---------|---------|-----------------|
| 4¾" Bore  | 9-7931-10 | 10"    | 22¼"    | 80 lbs. | <b>\$610.50</b> |
|           | 9-7931-16 | 16"    | 28¼"    | 99 lbs. | <b>\$708.00</b> |
| 5" Bore   | 9-7932-8  | 8"     | 20¼"    | 75 lbs. | <b>\$604.50</b> |
|           | 9-7932-10 | 10"    | 22¼"    | 80 lbs. | <b>\$595.50</b> |
|           | 9-7932-12 | 12"    | 24¼"    | 86 lbs. | <b>\$613.50</b> |
|           | 9-7932-16 | 16"    | 28¼"    | 99 lbs. | <b>\$744.00</b> |