

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!



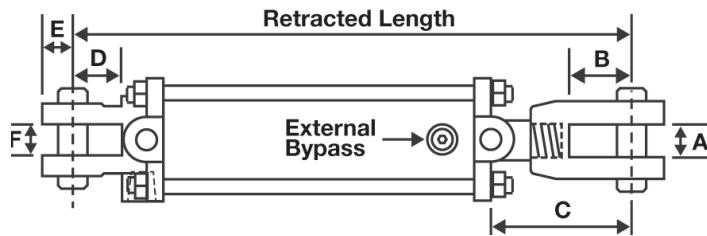
2 1/2" and 2 3/4" Bore Cylinders

SPECIFICATIONS: Rod dia. 1 1/8", ports SAE 8, 3000 PSI, clevis pin 1" dia.					
Bore Size	ITEM	Stroke	R. Lgth	Shpg.	Price
2 1/2" Bore	902296	8"	20 1/4"	28 lbs.	\$468.00
	902297	12"	24 1/4"	31 lbs.	\$385.50
2 3/4" Bore	902298	8"	20 1/4"	32 lbs.	\$468.00
	902299	10"	22 1/4"	33 lbs.	\$487.50



3" and 3 1/4" and 3 1/2" Bore Cylinders

SPECIFICATIONS: Rod dia. 1 1/4", ports SAE 8, 3000 PSI, clevis pin 1" dia.					
Bore Size	ITEM	Stroke	R. Lgth	Shpg.	Price
3" Bore	900579	8"	20 1/4"	32 lbs.	\$511.50
	902300	10"	22 1/4"	33 lbs.	\$544.50
	902301	12"	24 1/4"	36 lbs.	\$531.00
	902302	16"	28 1/4"	43 lbs.	\$567.00
3 1/4" Bore	900705	8"	20 1/4"	38 lbs.	\$529.50
	902303	10"	22 1/4"	40 lbs.	\$552.00
	901008	12"	24 1/4"	42 lbs.	\$552.00
3 1/2" Bore	902305	8"	20 1/4"	38 lbs.	\$570.00
	902304	10"	22 1/4"	40 lbs.	\$540.00
	901009	12"	24 1/4"	42 lbs.	\$534.00
	902305	16"	28 1/4"	49 lbs.	\$570.00



Dimensional Data for Prince Rephasing Cylinders

Bore	Throat Depth		Throat Depth		F
	A	B	C	D	
2 1/2"	1 1/16"	1 13/16"	5 5/32"	1 7/8"	15/16"
2 3/4"	1 1/16"	1 13/16"	5 23/32"	1 7/8"	15/16"
3"	1 1/16"	1 13/16"	5 27/32"	1 7/8"	15/16"
3 1/4"	1 1/16"	1 13/16"	5 27/32"	1 7/8"	1 1/4"
3 1/2"	1 1/16"	1 13/16"	5 27/32"	1 7/8"	1 1/4"
3 3/4"	1 1/8"	1 7/8"	5 11/32"	1 3/4"	1 1/4"
4"	1 1/8"	1 7/8"	5 11/32"	1 3/4"	1 1/4"
4 1/2"	1 1/8"	1 7/8"	4 1/32"	1 3/4"	1 1/8"
4 3/4"	1 1/8"	1 13/16"	4 1/32"	1 3/4"	1 1/8"
5"	1 1/8"	1 13/16"	4 1/32"	1 3/4"	1 1/4"

4 1/2" Bore Cylinders

SPECIFICATIONS: Rod dia. 2", ports SAE 8, 3000 PSI, clevis pin 1" dia.					
Bore Size	ITEM	Stroke	R. Lgth	Shpg.	Price
4 1/2" Bore	902310	8"	20 1/4"	63 lbs.	\$690.00
4 1/2" Bore	901012	10"	22 1/4"	67 lbs.	\$717.00
4 1/2" Bore	901791	12"	24 1/4"	72 lbs.	\$742.50

3 3/4" and 4" Bore Cylinders

SPECIFICATIONS: Rod dia. 1 3/8", ports SAE 8, 3000 PSI, clevis pin 1" dia.					
Bore Size	ITEM	Stroke	R. Lgth	Shpg.	Price
3 3/4" Bore	902306	8"	20 1/4"	51 lbs.	\$598.50
	901010	10"	22 1/4"	53 lbs.	\$634.50
	900993	12"	24 1/4"	57 lbs.	\$585.00
	902307	16"	28 1/4"	67 lbs.	\$675.00
4" Bore	902308	8"	20 1/4"	49 lbs.	\$585.00
	901011	10"	22 1/4"	53 lbs.	\$621.00
	900994	12"	24 1/4"	57 lbs.	\$636.00
	902309	16"	28 1/4"	64 lbs.	\$661.50

4 3/4" and 5" Bore Cylinders

SPECIFICATIONS: Rod dia. 1 1/2", ports SAE 8, 3000 PSI, clevis pin 1" dia.					
Bore Size	ITEM	Stroke	R. Lgth	Shpg.	Price
4 3/4" Bore	902311	10"	22 1/4"	80 lbs.	\$721.50
	902312	16"	28 1/4"	99 lbs.	\$807.00
5" Bore	902313	8"	20 1/4"	75 lbs.	\$706.50
	902314	10"	22 1/4"	80 lbs.	\$724.50
	902315	12"	24 1/4"	86 lbs.	\$748.50
	902316	16"	28 1/4"	99 lbs.	\$805.50