

## Double Rod Steering Cylinders



• Brand new double rod, steering type hydraulic cylinder. Both rod ends are drilled and tapped to accept a standard 3/4"-16 tie rod end. A pair of 1" thick steel mounting blocks are welded to cylinder body. Retracted length is measured end of rod to end of rod.

### SPECIFICATIONS

- PSI 3000 max.
- Ports SAE 6
- 3/8" mounting holes
- Both ends tapped 3/4"-16 x 1 1/2" RH
- Wrench flats at rod ends
- Square ring gland retainer

ITEM	Bore	Stroke	R. Diam.	R. Lgth	Mnt. Ctrs.	Shpg.	Price
9-6845	2"	8"	1 1/4"	23"	11 1/2" x 3 1/8"	22 lbs.	<b>\$218.25</b>
9-6846	2"	10"	1 1/4"	27"	13 1/2" x 3 1/8"	24 lbs.	<b>\$226.50</b>
9-6688	2 1/2"	8"	1 1/2"	22 1/2"	11 1/2" x 3 5/8"	24 lbs.	<b>\$237.70</b>
9-6847	2 1/2"	10"	1 1/2"	26 1/2"	13 1/2" x 3 5/8"	26 lbs.	<b>\$252.00</b>

## 1 1/2" Bore Cylinders



• Brand new, LION Hydraulics WX welded cylinder. Internal threaded gland with wrench flats for easy service. Cast steel cross tubes at each end.

### SPECIFICATIONS

- Double acting
- PSI 3000 max.
- Ports SAE 6
- Crosstube ends: rod 1 1/2" w., base 1 7/8" w.
- Rod diam. 1"
- Pin holes 3/4"

1 1/2" BORE	ITEM	Stroke	R. Lgth	Shpg.	Price
	9-7270-08	8"	16"	12 lbs.	<b>\$133.50</b>
	9-7270-10	10"	18"	13 lbs.	<b>\$137.50</b>
	9-7270-12	12"	20"	14 lbs.	<b>\$141.90</b>
	9-7270-14	14"	22"	15 lbs.	<b>\$146.20</b>
	9-7270-16	16"	24"	16 lbs.	<b>\$150.45</b>
	9-7270-18	18"	26"	17 lbs.	<b>\$154.75</b>
	9-7270-20	20"	28"	18 lbs.	<b>\$158.85</b>
	9-7270-24	24"	32"	20 lbs.	<b>\$167.35</b>

## 2 1/2" DA Loader Cylinders



• Brand new MONARCH INDUSTRIES. Double acting cylinder. Welded construction. Ideal size for many loader applications.

### SPECIFICATIONS

- Double acting
- Bore 2 1/2"
- 2500 PSI max.
- Rod diam. 1 1/2"
- Ports 3/8" NPT
- Clevis rod
- Crosstube base 2 7/8" wide
- Pin holes 1"

2 1/2" BORE	ITEM	Stroke	R. Lgth	Shpg.	Price
	9-6772	14"	24 1/4"	28 lbs.	<b>\$139.20</b>
	9-6773	22"	32 1/4"	38 lbs.	<b>\$166.90</b>
	9-6774	30"	38 5/8"	45 lbs.	<b>\$184.95</b>
	9-6775	36"	48 5/8"	52 lbs.	<b>\$198.45</b>

**Bore** - Inside diameter of cylinder

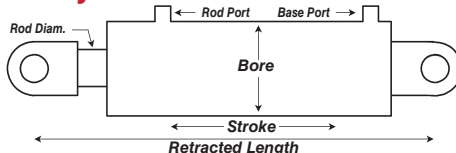
**Stroke** - How far a cylinder extends out

**R-length** - Distance in inches between pin centers when cylinder is retracted

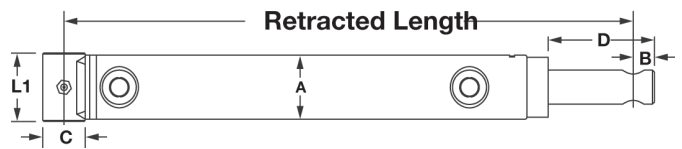
**Rod Diameter** - Diameter of cylinder rod

**Single Acting** - Cylinder is powered one way

## Cylinders Definitions



• Brand new, manufactured exclusively for Surplus Center. Internal gland with wire-lock retaining ring. Pin-hole thru rod and cross-tube at base end. Made in USA. Rated 3000 PSI.



### Dimensional Data for Surplus Center Welded Cylinders

Bore	A	B	C	D	Crosstube Width L1
1 1/2"	1 7/8"	5/8"	1 1/4"	3 1/8"	2"
2"	2 3/8"	3/4"	1 1/4"	4"	2 1/2"

### 1 1/2" SPECIFICATIONS: Rod dia. 1", ports SAE 6, pin holes 5/8"

1 1/2" BORE	Retracted				
	ITEM	Stroke	Lgth.	Shpg.	Price
	9-7706-4	4"	11"	9 lbs.	<b>\$97.80</b>
	9-7706-6	6"	13"	10 lbs.	<b>\$102.75</b>
	9-7706-8	8"	15"	11 lbs.	<b>\$109.90</b>
	9-7706-10	10"	17"	12 lbs.	<b>\$114.90</b>
	9-7706-12	12"	19"	13 lbs.	<b>\$121.20</b>

### 2" SPECIFICATIONS: Rod dia. 1 1/4", ports SAE 8, pin holes 3/4"

2" BORE	Retracted				
	ITEM	Stroke	Lgth.	Shpg.	Price
	9-7707-8	8"	16"	15 lbs.	<b>\$124.30</b>
	9-7707-10	10"	18"	17 lbs.	<b>\$131.25</b>
	9-7707-16	16"	24"	21 lbs.	<b>\$150.30</b>
	9-7707-20	20"	28"	24 lbs.	<b>\$158.25</b>
	9-7707-24	24"	32"	27 lbs.	<b>\$177.30</b>
	9-7707-30	30"	38"	31 lbs.	<b>\$201.90</b>
	9-7707-32	32"	40"	33 lbs.	<b>\$210.30</b>
	9-7707-36	36"	44"	36 lbs.	<b>\$223.50</b>
	9-7707-42	42"	50"	40 lbs.	<b>\$255.75</b>
	9-7707-48	48"	56"	44 lbs.	<b>\$275.40</b>
9-7707-60	60"	68"	53 lbs.	<b>\$309.15</b>	
9-7707-72	72"	80"	62 lbs.	<b>\$401.65</b>	

**Double Acting** - Cylinder is powered both ways (two way)

**Crosstube End** - Round tube welded perpendicular to cylinder

**Single Eye End** - For mounting between two mounting ears.

**Clevis End** - Two mounting ears