

### 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.	\$298.20
9-6846	2"	10"	1 1/4"	27"	13 1/2" x 3 1/8"	24 lbs.	\$309.45
9-6688	2 1/2"	8"	1 1/2"	22 1/2"	11 1/2" x 3 5/8"	24 lbs.	\$321.30
9-6847	2 1/2"	10"	1 1/2"	26 1/2"	13 1/2" x 3 5/8"	26 lbs.	\$340.20



### 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.	\$166.00
	9-7270-10	10"	18"	13 lbs.	\$171.45
	9-7270-12	12"	20"	14 lbs.	\$177.75
	9-7270-14	14"	22"	15 lbs.	\$183.35
	9-7270-16	16"	24"	16 lbs.	\$189.20
	9-7270-18	18"	26"	17 lbs.	\$195.20
	9-7270-20	20"	28"	18 lbs.	\$200.90
	9-7270-24	24"	32"	20 lbs.	\$212.50



### 2" x 10" x 1.25" Grapple Cylinder



**ITEM 9-12852**

**\$103.50**

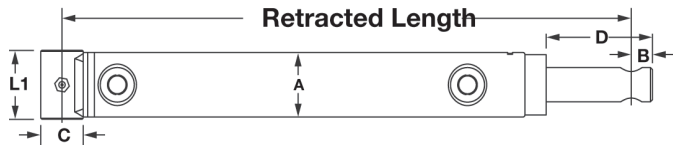
• Brand New. PRINCE. Ideal size for use as a grapple cylinder and for other implement attachments. Grease zerk on each crosstube.

**SPECIFICATIONS**

- Double Acting
- Bore/Stroke 2" x 10"
- Pressure 3000 PSI
- Rod dia. 1.25"
- Ports SAE 6
- Retracted Length 17"
- Crosstube Ends
- Widths 3"
- Pin Holes 1 1/4"
- Shpg. 18 lbs.



• 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" BORE** SPECIFICATIONS: Rod dia. 1", ports SAE 6, pin holes 3/4".

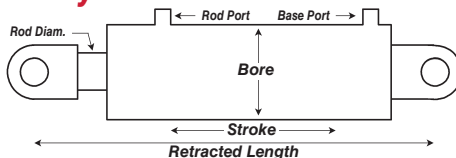
ITEM	Retracted		Shpg.	Price
	Stroke	Lgth.		
9-7706-4	4"	11"	9 lbs.	\$132.75
9-7706-6	6"	13"	10 lbs.	\$140.40
9-7706-8	8"	15"	11 lbs.	\$150.15
9-7706-10	10"	17"	12 lbs.	\$157.05
9-7706-12	12"	19"	13 lbs.	\$165.30

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

ITEM	Retracted		Shpg.	Price
	Stroke	Lgth.		
9-7707-8	8"	16"	15 lbs.	\$166.20
9-7707-10	10"	18"	17 lbs.	\$178.65
9-7707-16	16"	24"	21 lbs.	\$204.45
9-7707-20	20"	28"	24 lbs.	\$214.80
9-7707-24	24"	32"	27 lbs.	\$240.45
9-7707-30	30"	38"	31 lbs.	\$273.30
9-7707-32	32"	40"	33 lbs.	\$284.55
9-7707-36	36"	44"	36 lbs.	\$299.25
9-7707-42	42"	50"	40 lbs.	\$348.45
9-7707-48	48"	56"	44 lbs.	\$374.70
9-7707-60	60"	68"	53 lbs.	\$420.00
9-7707-72	72"	80"	62 lbs.	\$554.25

- 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



- 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