



Dimensional Data for Prince Tie Rod Cylinders

Bore	Throat Depth			D	E	Thread F	Between Ears G
	A	B	C				
2"	1 13/16"	1 13/16"	2 3/8"	1 5/16"	1 1/8"	1 1/8"-12 UNF-3A	1.06"
2 1/2"	1 7/8"	1 13/16"	2 13/16"	1 5/16"	1 1/8"	1 1/8"-12 UNF-3A	1.06"
3"	1 7/8"	1 13/16"	2 7/16"	1 1/4"	1 1/8"	1 1/8"-12 UNF-3A	1.06"
3 1/2"	1 7/8"	1 13/16"	2 7/16"	1 1/4"	1 1/4"	1 5/16"-12 UNF-3A	1.06"
4"	1 3/4"	1 7/8"	2 7/16"	1 1/4"	1 1/4"	1 1/2"-12 UNF-3A	1.06"
5"	1 3/4"	2"	2 5/8"	1 3/8"	1 1/4"	1 1/2"-12 UNF-3A	1.13"



- Brand new PRINCE Royal Plate Plus double acting tie-rod cylinders. Premium quality with superior materials and workmanship. The Royal Plate Plus cylinder combines two rod coatings to provide excellent wear, hardness and corrosion protection.
- Aircraft quality two-part polyester urethane paint that outperforms powder coating for the life of the cylinder.
- High quality seals and steel components.
- 3000 PSI working pressure.
- 7 year warranty against rust and corrosion.



**2" BORE**

**SPECIFICATIONS: Ports SAE 8, 1" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
9-1665-08	8"	1 1/8"	20 1/4"	26 lbs.	\$174.50
9-1665-08-S	8"	1 1/8"	18 1/4"	26 lbs.	\$172.95
9-1665-10	10"	1 1/8"	20 1/4"	26 lbs.	\$180.15
9-1665-12	12"	1 1/8"	22 1/4"	27 lbs.	\$182.40
9-1665-14	14"	1 1/8"	24 1/4"	28 lbs.	\$186.10
9-1665-16	16"	1 1/8"	31 1/2"	32 lbs.	\$194.40
9-1665-18	18"	1 1/8"	28 1/4"	32 lbs.	\$199.25
9-1665-20	20"	1 1/8"	30 1/4"	33 lbs.	\$206.00
9-1665-24	24"	1 1/8"	34 1/4"	36 lbs.	\$219.20
9-1665-30	30"	1 1/8"	40 1/4"	41 lbs.	\$239.10

**2 1/2" BORE**

**SPECIFICATIONS: Ports SAE 8, 1" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
9-1513-08	8"	1 1/4"	20 1/4"	29 lbs.	\$190.00
9-1513-10	10"	1 1/4"	20 1/4"	30 lbs.	\$197.45
9-1513-12	12"	1 1/4"	22 1/4"	33 lbs.	\$206.00
9-1513-14	14"	1 1/4"	24 1/4"	34 lbs.	\$214.85
9-1513-16	16"	1 1/4"	31 1/2"	39 lbs.	\$225.00
9-1513-18	18"	1 1/4"	28 1/4"	38 lbs.	\$232.30
9-1513-20	20"	1 1/4"	30 1/4"	40 lbs.	\$241.05
9-1513-24	24"	1 1/4"	34 1/4"	44 lbs.	\$258.60
9-1513-30	30"	1 1/4"	40 1/4"	51 lbs.	\$284.60

**3" BORE**

**SPECIFICATIONS: Ports SAE 8, 1" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
9-1670-08	8"	1 3/8"	20 1/4"	33 lbs.	\$199.75
9-1670-10	10"	1 3/8"	20 1/4"	34 lbs.	\$208.50
9-1670-12	12"	1 3/8"	22 1/4"	37 lbs.	\$218.65
9-1670-14	14"	1 3/8"	24 1/4"	39 lbs.	\$228.40
9-1670-16	16"	1 3/8"	31 1/2"	43 lbs.	\$240.05
9-1670-16-S	16"	1 3/8"	26 1/4"	42 lbs.	\$238.60
9-1670-18	18"	1 3/8"	28 1/4"	44 lbs.	\$248.55
9-1670-20	20"	1 3/8"	30 1/4"	45 lbs.	\$258.65
9-1670-24	24"	1 3/8"	34 1/4"	50 lbs.	\$283.45
9-1670-30	30"	1 3/8"	40 1/4"	58 lbs.	\$322.60
9-1670-36	36"	1 3/8"	46 1/4"	64 lbs.	\$361.90
9-1670-48	48"	1 3/8"	58 1/4"	77 lbs.	\$445.50

**3 1/2" BORE**

**SPECIFICATIONS: Ports SAE 8, 1" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
945-08	8"	1 3/8"	20 1/4"	40 lbs.	\$216.70
945-10	10"	1 3/8"	20 1/4"	41 lbs.	\$227.15
945-12	12"	1 3/8"	22 1/4"	44 lbs.	\$240.10
945-14	14"	1 3/8"	24 1/4"	47 lbs.	\$252.80
945-16	16"	1 3/8"	31 1/2"	52 lbs.	\$267.80
945-16-S	16"	1 3/8"	26 1/4"	49 lbs.	\$265.55
945-18	18"	1 3/8"	28 1/4"	51 lbs.	\$278.25
945-20	20"	1 3/8"	30 1/4"	54 lbs.	\$290.95
945-24	24"	1 3/8"	34 1/4"	59 lbs.	\$316.45
945-30	30"	1 3/8"	40 1/4"	65 lbs.	\$363.70
945-36	36"	1 3/8"	46 1/4"	74 lbs.	\$410.80
945-48	48"	1 3/8"	58 1/4"	90 lbs.	\$505.45

**4" BORE**

**SPECIFICATIONS: Ports SAE 8, 1" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
9-1172-08	8"	1 3/4"	20 1/4"	55 lbs.	\$286.35
9-1172-10	10"	1 3/4"	20 1/4"	56 lbs.	\$298.70
9-1172-12	12"	1 3/4"	22 1/4"	59 lbs.	\$314.10
9-1172-14	14"	1 3/4"	24 1/4"	63 lbs.	\$329.35
9-1172-16	16"	1 3/4"	31 1/2"	71 lbs.	\$347.45
9-1172-16-S	16"	1 3/4"	26 1/4"	66 lbs.	\$344.65
9-1172-18	18"	1 3/4"	28 1/4"	71 lbs.	\$360.05
9-1172-20	20"	1 3/4"	30 1/4"	74 lbs.	\$375.45
9-1172-24	24"	1 3/4"	34 1/4"	81 lbs.	\$396.90
9-1172-30	30"	1 3/4"	40 1/4"	93 lbs.	\$442.65
9-1172-36	36"	1 3/4"	46 1/4"	102 lbs.	\$488.70
9-1172-48	48"	1 3/4"	58 1/4"	125 lbs.	\$580.50

**5" BORE**

**SPECIFICATIONS: Ports SAE 10, 1 1/4" dia. pins.**

ITEM	Stroke	Rod Dia.	Retracted Lgth.	Shpg.	Price
9-1197-08	8"	2"	20 1/4"	77 lbs.	\$396.55
9-1197-12	12"	2"	24 1/4"	87 lbs.	\$431.20
9-1197-14	14"	2"	26 1/4"	91 lbs.	\$448.55
9-1197-16	16"	2"	31 1/2"	102 lbs.	\$471.50
9-1197-18	18"	2"	30 1/4"	104 lbs.	\$483.05
9-1197-20	20"	2"	32 1/4"	109 lbs.	\$500.30
9-1197-24	24"	2"	36 1/4"	120 lbs.	\$524.00
9-1197-30	30"	2"	42 1/4"	134 lbs.	\$578.35
9-1197-36	36"	2"	48 1/4"	150 lbs.	\$636.20
9-1197-48	48"	2"	60 1/4"	219 lbs.	\$765.30