

THUNDERBIRD CYLINDERS

Performance racing cylinders

Improve track performance with cylinders from a supplier with a track record of success. Our nitrous oxide (N2O), nitrogen, and CO2 cylinders give the world's professional racing teams a competitive edge, enhancing engine performance, quickly inflating tires, and suppressing fire when needed.



Features

- Up to 40% lighter than comparable steel cylinders
- Custom and standard paint finishes
- Non-magnetic
- Rust-free interior and exterior resists scale buildup
- Corrosion resistant with no special coatings or finishes required



Learn more at:
thunderbird-cylinders.com

[performance under pressure]

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Manufactured to DOT and TC requirements

- U.S. Department of Transportation (DOT) 3AL
- Transport Canada (TC) 3ALM
- Every cylinder inspected and tested by DOT- and TC- authorized independent agency
- Cycle-tested in excess of 10,000 cycles at test pressure
- Minimum burst pressure tested to 2.5 times service



Standard specifications

PRODUCT	Service pressure (psi)	Air capacity (cu ft)	Water volume (in ³)	N ₂ capacity 68% fill (lbs)	Weight (lbs)	Diameter (in)	Cylinder length (in)	Thread size
1.2 lbs	1800	6.1	51	1.3	1.6	3.2	9.5	0.750-16UNF-2B
1.5 lbs	1800	13.2	65	1.6	1.8	3.2	11.5	0.750-16UNF-2B
1.75 lbs	1800	19.9	72	1.8	2	3.2	12.5	0.750-16UNF-2B
2.18 lbs	1800	30.0	82	2	3.1	4.4	9	0.750-16UNF-2B
2.5 lbs	1800	40.0	102	2.5	3.6	4.4	10.4	0.750-16UNF-2B
5 lbs	1800	48.4	205	5	6.2	5.3	14.2	1.125-12UNF-2B
10 lbs	1800	63.0	408	10	12.9	6.9	16.6	1.125-12UNF-2B
15 lbs	1800	77.4	612	15	17.1	6.9	23.2	1.125-12UNF-2B
20 lbs	1800	77.4	816	20	23	8	23.3	1.125-12UNF-2B
35 lbs	1800	98.8	1429	35	37.2	8	38	1.125-12UNF-2B
50 lbs	1800	105.2	2040	50	50.6	8.6	46.3	1.125-12UNF-2B

Metric specifications

PRODUCT	Service pressure (bar)	Air capacity (l)	Water volume (l)	N ₂ capacity 68% fill (kgs)	Weight (kgs)	Diameter (mm)	Cylinder length (mm)	Thread size
1.2 lbs	124	173.6	0.8	0.6	0.7	81	241	0.750-16UNF-2B
1.5 lbs	124	373.8	1.1	0.7	0.8	81	292	0.750-16UNF-2B
1.75 lbs	124	564.7	1.2	0.8	0.9	81	318	0.750-16UNF-2B
2.18 lbs	124	849.6	1.3	0.9	1.4	112	229	0.750-16UNF-2B
2.5 lbs	124	1132.8	1.7	1.1	1.6	112	264	0.750-16UNF-2B
5 lbs	124	1370.7	3.4	2.3	2.8	135	361	1.125-12UNF-2B
10 lbs	124	1784.2	6.7	4.5	5.9	175	422	1.125-12UNF-2B
15 lbs	124	2192.0	10	6.8	7.8	175	589	1.125-12UNF-2B
20 lbs	124	2192.0	13.4	9.1	10.4	203	592	1.125-12UNF-2B
35 lbs	124	2798.0	23.4	15.9	16.9	203	965	1.125-12UNF-2B
50 lbs	124	2976.4	33.4	22.7	23	218	1176	1.125-12UNF-2B