



SCUBA

EVERYTHING FOR THE PERFECT DIVE...

Luxfer Aluminum Cylinders Specs - IMPERIAL

Model	AL06	AL13	AL14	AL19	AL30	AL40
Description	Alum 6	Alum 13	Alum 14	Alum 19	Alum 30	Alum 40
Service Pressure	3000 psi	3000 psi	2015 psi	3000 psi	3000 psi	3000 psi
True Capacity	6.1 cu ft	13.2 cu ft	13.7 cu ft	19.9 cu ft	30.0 cu ft	40.0 cu ft
Buoyancy *FULL	-1.4 lbs.	-1.7 lbs.	+0.8 lbs.	-1.4 lbs.	-1.5 lbs.	-0.7 lbs.
Buoyancy *HALF	-1.1 lbs.	-1.2 lbs.	+1.3 lbs.	-0.6 lbs.	- 0.4 lbs.	+0.8 lbs.
Buoyancy *500 psi	-1.0 lbs.	-0.9 lbs.	+1.6 lbs.	-0.1 lbs.	0 lbs.	+1.8 lbs.
Weight Empty	2.5 lbs.	6.0 lbs.	4.9 lbs.	8.2 lbs.	12.25 lbs.	15.3 lbs.
Outside Diameter	3.20 in.	4.40 in.	4.40 in.	4.40 in.	5.25 in.	5.25 in.
Cylinder Length	11.1 in.	13.1 in.	16.2 in.	18.6 in.	19.3 in.	24.6 in.
Valve Included	VX100	VX100	VX200	VX100	VX100	VX100
Colors	YL	YL	WH	YL	YL	YL, BNC

	AL50	AL63	AL80	ALN80	AL100	ALW106
Description	Alum 50	Alum 63	Alum 80	Neutral 80	Alum 100	Limited 106
Service Pressure	3000 psi	3000 psi	3000 psi	3300 psi	3300 psi	4350 psi
True Capacity	48.4 cu ft	63.0 cu ft	77.4 cu ft	77.4 cu ft	98.8 cu ft	105.2 cu ft
Buoyancy *FULL	-2.3 lbs.	-2.2 lbs.	-1.4 lbs.	-5.7 lbs.	-4.3 lbs.	-4.8 lbs.
Buoyancy *HALF	-0.5 lbs.	+0.2 lbs.	+1.5 lbs.	-2.8 lbs.	-0.6 lbs.	-0.9 lbs.
Buoyancy *500 psi	+0.8 lbs.	+1.7 lbs.	+3.4 lbs.	-0.9 lbs.	+1.9 lbs.	+2.1 lbs.
Weight Empty	21.2 lbs.	26.7 lbs.	31.4 lbs.	35.4 lbs.	41.0 lbs.	33.8 lbs.
Outside Diameter	6.90 in.	7.25 in.	7.25 in.	7.25 in.	8.00 in.	7.39 in.
Cylinder Length	19.0 in.	21.9 in.	26.1 in.	25.8 in.	26.2 in.	26.1 in.
Valve Included	VX100	VX100	VX100	VX200	VX200	VA378
Colors	YL	BK, BU, SB, YL	BK, BU, GN, RD, PR, SB, WH, YL, BNC	BK, BU YL, BNC	BK, YL	WH

*in sea water with valve

Colors are: **BK**=Black, **BNC**=Brushed No Coat, **BU**=Blue, **GN**=Green, **NF**=Natural, **PR**=Purple, **RD**=Red, **SB**=Shot Blast, **WH**=White, **YL** = Yellow





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Luxfer Aluminum Cylinders Specs - METRIC

Model	AL06	AL13	AL14	AL19	AL30	AL40
Description	Luxfer 6	Luxfer 13	Luxfer 14	Luxfer 19	Luxfer 30	Luxfer 40
Service Pressure	207 bar	207 bar	139 bar	207 bar	207 bar	207 bar
Internal Volume	0.9 liters	1.9 liters	2.8 liters	2.9 liters	4.3 liters	5.7 liters
True Capacity	172.8 liters	373.8 liters	388.0 liters	563.6 liters	849.6 liters	1132.8 liters
Buoyancy *FULL	- 0.62 kg	- 0.78 kg	+ 0.36 kg	- 0.63 kg	- 0.46 kg	- 0.32 kg
Buoyancy *HALF	-0.52 kg	-0.55 kg	-0.60 kg	-0.29 kg	-0.05 kg	-0.36 kg
Buoyancy *EMPTY	-0.41 kg	-0.33 kg	+0.83 kg	+0.05 kg	+0.56 kg	+1.04 kg
Weight Empty	1.2 kg	2.7 kg	2.2 kg	3.7 kg	5.3 kg	6.9 kg
Outside Diameter	81 mm	111 mm	111 mm	111 mm	124 mm	133 mm
Cylinder Length	283 mm	333 mm	411 mm	471 mm	555 mm	629 mm
Valve Included	VX100	VX100	VX200	VX100	VX100	VX100
Colors	YL	YL	WH	YL	YL	YL, BNC

	AL50	AL63	AL80	ALN80	AL100	ALW106
Description	Luxfer 50	Luxfer 63	Neutral 80	Neutral 80	Luxfer 100	Limited 106
Service Pressure	207 bar	207 bar	207 bar	228 bar	228 bar	300 bar
Internal Volume	6.9 liters	9.0 liters	11.1 liters	10.3 liters	13.2 liters	11.1 liters
True Capacity	1370.7 liters	1784.2 liters	2192.0 liters	2172.0 liters	2798.0 liters	2976.4 liters
Buoyancy *FULL	- 1.03 kg	- 0.98 kg	- 0.64 kg	- 2.61 kg	- 1.97 kg	- 2.20 kg
Buoyancy *HALF	-0.21 kg	+0.09 kg	+0.68 kg	-1.29 kg	-0.29 kg	-0.41 kg
Buoyancy *500 psi	+0.62 kg	+1.16 kg	+2.00 kg	+0.02 kg	+1.39 kg	+1.41 kg
Weight Empty	9.6 kg	12.1 kg	14.2 kg	16.1 kg	18.6 kg	15.3 kg
Outside Diameter	175 mm	184 mm	184 mm	184 mm	203 mm	188 mm
Cylinder Length	483 mm	555 mm	662 mm	656 mm	666 mm	662 mm
Valve Included	VX100	VX100	VX100	VX200	VX200	VA378
Colors	YL	BK, BU, SB, YL	BK, BU, GN, RD, PR, SB WH, YL, BNC	BK, BU, YL, BNC	BK, YL	WH

*in sea water with valve

Colors are: BK=Black, BNC=Brushed No Coat, BU=Blue, GN=Green, NF=Natural, PR=Purple, RD=Red, SB=Shot Blast, WH=White, YL = Yellow

