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WORTHINGTON STEEL CYLINDER SPECIFICATIONS

IMPERIAL

All models are no longer in production.

<i>In Sea Water with Valve</i>	LP77	LP85	LP95	LP108	LP121	X7-65	X7-80	X7-100	X7-120	X8-119	X8-130
Service Pressure	2400+ psi	2400+ psi	2400+ psi	2400+ psi	2400+ psi	3442 psi	3442 psi	3442 psi	3442 psi	3442 psi	3442 psi
True Capacity	77.0 cu ft*	82.9 cu ft*	93.3 cu ft*	108.6 cu ft*	120.0 cu ft*	66.4 cu ft	81.0 cu ft	99.5 cu ft	120.6 cu ft	123.0 cu ft	131.4 cu ft
Buoyancy *FULL	- 6.8 lbs	- 7.1 lbs	- 10.1 lbs	- 10.7 lbs	- 11.1 lbs	- 8.7 lbs	- 9.0 lbs	- 10.0 lbs	- 11.0 lbs	- 10.9 lbs	- 11.7 lbs
Buoyancy *EMPTY	-1.0 lbs	- 2.0 lbs	- 2.5 lbs	- 1.9 lbs	0 lbs	- 4.9 lbs	- 3.0 lbs	- 2.5 lbs	- 2.0 lbs	- 2.0 lbs	- 2.0 lbs
Weight Empty	32.5 lbs	36.8 lbs	41.9 lbs	45.9 lbs	49.9 lbs	25.1 lbs	29.9 lbs	33.1 lbs	39.7 lbs	42.5 lbs	44.7 lbs
Outside Diameter	7.25 in	7.25 in	8.0 in	8.0 in	8.0 in	7.25 in	7.25 in	7.25 in	7.25 in	8.0 in	8.0 in
Length +/- 0.125"	23.2 in	24.7 in	23.7 in	26.5 in	29.2 in	16.7 in	19.8 in	22.7 in	27.7 in	23.9 in	25.3 in
REE	58.5 cc	62 cc	73 cc	85 cc	93 cc	46.6 cc	59.5 cc	75.3 cc	94 cc	92 cc	100 cc

* at 2640 psi

METRIC

All models are no longer in production.

<i>In Sea Water with Valve</i>	LP77	LP85	LP95	LP108	LP121	X7-65	X7-80	X7-100	X7-120	X8-119	X8-130
Service Pressure	166+ bar	166+ bar	166+ bar	166+ bar	166+ bar	230 bar	230 bar	230 bar	230 bar	230 bar	230 bar
Water Volume	12.0 liters	13.0 liters	15.0 liters	17.0 liters	19.0 liters	7.9 liters	10.1 liters	11.6 liters	15.3 liters	14.8 liters	16.0 liters
True Capacity	2180 liters *	2347 liters *	2642 liters *	3075 liters *	3398 liters *	1880 liters	2294 liters	2818 liters	3415 liters	3483 liters	3721 liters
Buoyancy *FULL	- 3.1 kg	- 3.2 kg	- 4.6 kg	- 4.9 kg	- 5.0 kg	- 3.9 kg	- 4.1 kg	- 4.5 kg	- 5.0 kg	- 4.9 kg	- 5.3 kg
Buoyancy *EMPTY	- 0.5 kg	- 0.3 kg	- 1.4 kg	- 1.2 kg	- 0.9 kg	- 1.8 kg	- 1.4 kg	- 1.1 kg	- 0.9 kg	- 0.9 kg	- 0.9 kg
Weight Empty	14.7 kg	16.7 kg	19.0 kg	20.8 kg	22.6 kg	11.4 kg	13.6 kg	15.0 kg	18.0 kg	19.3 kg	20.3 kg
Outside Diameter	184 mm	184 mm	203 mm	203 mm	203 mm	184 mm	184 mm	184 mm	184 mm	203 mm	203 mm
Length +/- 3.2mm	58.9 cm	62.7 cm	60.2 cm	67.3 cm	74.2 cm	42.4 cm	50.3 cm	57.7 cm	70.4 cm	60.7 cm	64.3 cm
REE	58.9 cc	62 cc	73 cc	85 cc	93 cc	46.6 cc	59.5 cc	75.3 cc	94 cc	92 cc	100 cc

* at 182 bar



1ST ROW MARK

TC
SU4957
230
DOT
SP14157
3442
TP5250

EXPLANATION

Transport Canada
Canadian Special Permit Number
Service Pressure (bar)
US Department of Transportation
DOT Special Permit Number
Service Pressure (psi)
Test procedure for hydrostatic retest (psi)



2ND ROW MARK

REE 75.3
X7100
4135871
04
A
09
M8004
XS Scuba

EXPLANATION

Rejection Elastic Expansion
Model/Size in Cubic Feet
Serial Number
Month of manufacture
Mark of independent inspector
Year of manufacture
Manufacturer facility identifier
Distributor