

Minimum Gas Reserve Table – AL80, RMV 0.75

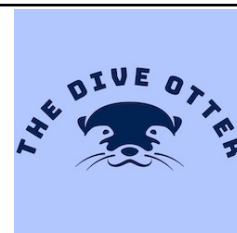
Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	3.5	500	2500	500	1800	75
15	4.6	500	2500	500	1800	66
20	5.9	500	2500	500	1800	59
30	8.7	500	2500	500	1800	47
40	12.0	500	2500	500	1800	39
50	15.8	700	2300	700	1900	32
60	20.0	800	2200	800	1900	27
70	24.7	1000	2000	1000	2000	22
80	29.9	1200	1800	1200	2100	18
90	35.5	1400	1600	1400	2200	15
100	41.5	1700	1300	1700	2400	11
110	48.0	1900	1100	1900	2500	9
120	55.0	2200	800	2200	2600	6
130	62.4	2500	500	2500	2800	4

Minimum Gas Reserve Table – HP100, RMV 0.75

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	3.5	500	2900	500	2000	98
15	4.6	500	2900	500	2000	87
20	5.9	500	2900	500	2000	78
30	8.7	500	2900	500	2000	63
40	12.0	500	2900	500	2000	53
50	15.8	600	2800	600	2000	44
60	20.0	700	2700	700	2100	37
70	24.7	900	2500	900	2200	32
80	29.9	1100	2300	1100	2300	27
90	35.5	1300	2100	1300	2400	23
100	41.5	1500	1900	1500	2500	19
110	48.0	1700	1700	1700	2600	15
120	55.0	1900	1500	1900	2700	12
130	62.4	2200	1200	2200	2800	10

Planning Tips

- Ascent rate = 10 ft/min, problem time = 1 min
- Always plan reserve based on the deepest part of your dive.
- A safety stop is a good practice, but not included in calculations.
- Max Bottom Time is estimated using solo RMV at depth.



Minimum Gas Reserve Table – AL80, RMV 0.60

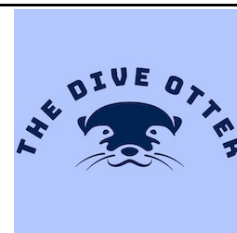
Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.8	500	2500	500	1800	95
15	3.7	500	2500	500	1800	84
20	4.7	500	2500	500	1800	75
30	7.0	500	2500	500	1800	61
40	9.6	500	2500	500	1800	51
50	12.7	500	2500	500	1800	42
60	16.0	700	2300	700	1900	36
70	19.8	800	2200	800	1900	30
80	23.9	1000	2000	1000	2000	26
90	28.4	1100	1900	1100	2100	21
100	33.2	1300	1700	1300	2200	18
110	38.4	1500	1500	1500	2300	15
120	44.0	1800	1200	1800	2400	12
130	49.9	2000	1000	2000	2500	9

Minimum Gas Reserve Table – HP100, RMV 0.60

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.8	500	2900	500	2000	124
15	3.7	500	2900	500	2000	110
20	4.7	500	2900	500	2000	98
30	7.0	500	2900	500	2000	81
40	9.6	500	2900	500	2000	68
50	12.7	500	2900	500	2000	57
60	16.0	600	2800	600	2000	49
70	19.8	700	2700	700	2100	42
80	23.9	900	2500	900	2200	37
90	28.4	1000	2400	1000	2200	32
100	33.2	1200	2200	1200	2300	27
110	38.4	1400	2000	1400	2400	23
120	44.0	1600	1800	1600	2500	20
130	49.9	1800	1600	1800	2600	16

Planning Tips

- Ascent rate = 10 ft/min, problem time = 1 min
- Always plan reserve based on the deepest part of your dive.
- A safety stop is a good practice, but not included in calculations.
- Max Bottom Time is estimated using solo RMV at depth.



Minimum Gas Reserve Table – AL80, RMV 0.50

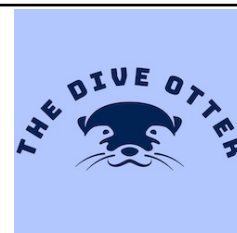
Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.3	500	2500	500	1800	115
15	3.1	500	2500	500	1800	102
20	3.9	500	2500	500	1800	91
30	5.8	500	2500	500	1800	74
40	8.0	500	2500	500	1800	62
50	10.5	500	2500	500	1800	53
60	13.4	600	2400	600	1800	45
70	16.5	700	2300	700	1900	39
80	19.9	800	2200	800	1900	33
90	23.6	1000	2000	1000	2000	28
100	27.7	1100	1900	1100	2100	24
110	32.0	1300	1700	1300	2200	20
120	36.6	1500	1500	1500	2300	17
130	41.6	1700	1300	1700	2400	14

Minimum Gas Reserve Table – HP100, RMV 0.50

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.3	500	2900	500	2000	149
15	3.1	500	2900	500	2000	133
20	3.9	500	2900	500	2000	119
30	5.8	500	2900	500	2000	98
40	8.0	500	2900	500	2000	83
50	10.5	500	2900	500	2000	71
60	13.4	500	2900	500	2000	61
70	16.5	600	2800	600	2000	53
80	19.9	700	2700	700	2100	46
90	23.6	900	2500	900	2200	40
100	27.7	1000	2400	1000	2200	35
110	32.0	1200	2200	1200	2300	31
120	36.6	1300	2100	1300	2400	27
130	41.6	1500	1900	1500	2500	23

Planning Tips

- Ascent rate = 10 ft/min, problem time = 1 min
- Always plan reserve based on the deepest part of your dive.
- A safety stop is a good practice, but not included in calculations.
- Max Bottom Time is estimated using solo RMV at depth.



Minimum Gas Reserve Table – Double AL80, RMV 0.75

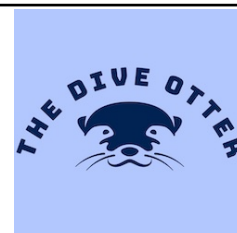
Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	3.5	500	2500	500	1800	154
15	4.6	500	2500	500	1800	137
20	5.9	500	2500	500	1800	123
30	8.7	500	2500	500	1800	102
40	12.0	500	2500	500	1800	86
50	15.8	500	2500	500	1800	73
60	20.0	500	2500	500	1800	63
70	24.7	500	2500	500	1800	55
80	29.9	600	2400	600	1800	48
90	35.5	700	2300	700	1900	42
100	41.5	900	2100	900	2000	37
110	48.0	1000	2000	1000	2000	32
120	55.0	1100	1900	1100	2100	28
130	62.4	1300	1700	1300	2200	24

Minimum Gas Reserve Table – Double HP100, RMV 0.75

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	3.5	500	2900	500	2000	201
15	4.6	500	2900	500	2000	179
20	5.9	500	2900	500	2000	161
30	8.7	500	2900	500	2000	133
40	12.0	500	2900	500	2000	113
50	15.8	500	2900	500	2000	97
60	20.0	500	2900	500	2000	85
70	24.7	500	2900	500	2000	74
80	29.9	600	2800	600	2000	66
90	35.5	700	2700	700	2100	58
100	41.5	800	2600	800	2100	52
110	48.0	900	2500	900	2200	46
120	55.0	1000	2400	1000	2200	41
130	62.4	1100	2300	1100	2300	37

Planning Tips

- Ascent rate = 10 ft/min, problem time = 1 min
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- A safety stop is a good practice, but not included in calculations.
- Max Bottom Time is estimated using solo RMV at depth.



Minimum Gas Reserve Table – Double AL80, RMV 0.60

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.8	500	2500	500	1800	194
15	3.7	500	2500	500	1800	173
20	4.7	500	2500	500	1800	155
30	7.0	500	2500	500	1800	129
40	9.6	500	2500	500	1800	109
50	12.7	500	2500	500	1800	94
60	16.0	500	2500	500	1800	82
70	19.8	500	2500	500	1800	72
80	23.9	500	2500	500	1800	63
90	28.4	600	2400	600	1800	56
100	33.2	700	2300	700	1900	50
110	38.4	800	2200	800	1900	44
120	44.0	900	2100	900	2000	39
130	49.9	1000	2000	1000	2000	35

Minimum Gas Reserve Table – Double HP100, RMV 0.60

Depth (ft)	Min Gas (cuft)	Min (psi)	Usable (psi)	Turn Pressure (All Usable)	Turn Pressure (Rule of Halves)	Max Bottom Time (min)
10	2.8	500	2900	500	2000	252
15	3.7	500	2900	500	2000	224
20	4.7	500	2900	500	2000	202
30	7.0	500	2900	500	2000	168
40	9.6	500	2900	500	2000	143
50	12.7	500	2900	500	2000	124
60	16.0	500	2900	500	2000	108
70	19.8	500	2900	500	2000	96
80	23.9	500	2900	500	2000	85
90	28.4	500	2900	500	2000	76
100	33.2	600	2800	600	2000	68
110	38.4	700	2700	700	2100	62
120	44.0	800	2600	800	2100	56
130	49.9	900	2500	900	2200	50

Planning Tips

- Ascent rate = 10 ft/min, problem time = 1 min
- Always plan reserve based on the deepest part of your dive.
- A safety stop is a good practice, but not included in calculations.
- Max Bottom Time is estimated using solo RMV at depth.

