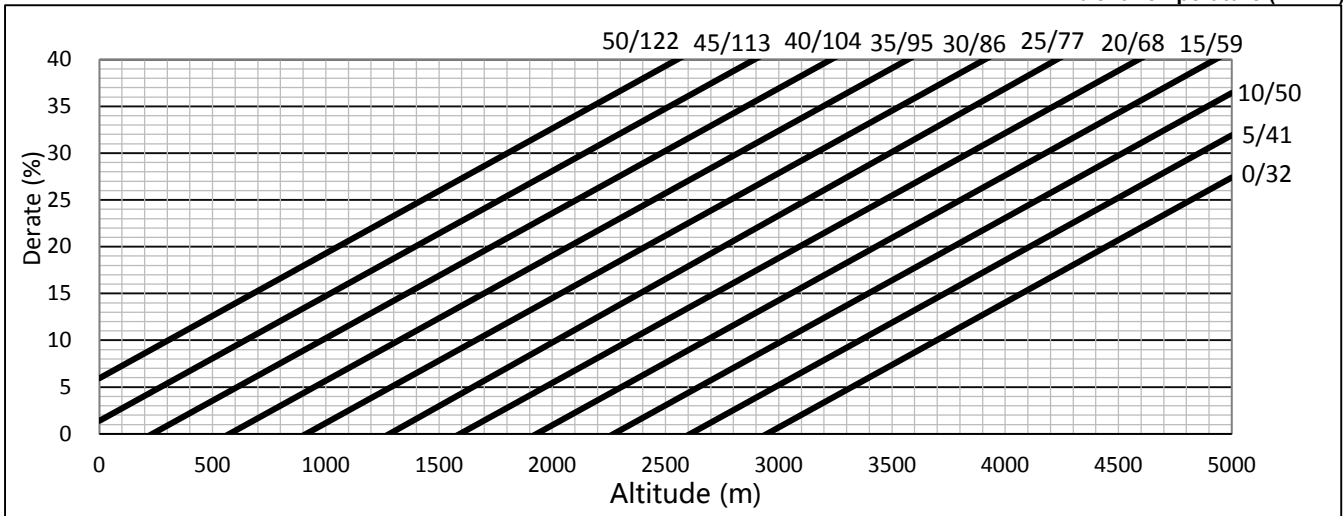


ESP/PRP Power Derate Curves ¹

Ambient Temperature (°C / °F)


Gross Power Output (%) ²

Temp(°C)	-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	
Altitude(m)	0	94.7	96.2	97.4	98.6	100.2	101.4	102.4	102.4	102.1	101.6	101.0	100.7	100.2	99.8	99.3	96.4	92.1
	500	96.0	97.1	98.6	99.8	101.4	102.6	102.6	102.1	101.7	101.2	100.7	100.3	99.8	99.5	94.5	89.8	85.9
	1000	97.6	99.1	100.7	101.9	102.9	102.6	102.1	101.6	101.2	100.7	100.3	99.8	99.1	92.9	86.9	82.8	78.8
	1500	98.8	100.3	101.7	102.9	102.4	102.1	101.6	101.2	100.7	100.2	99.8	97.1	92.6	85.3	80.3	76.0	71.6
	2000	100.5	103.4	102.9	102.4	101.9	101.4	101.0	100.5	100.2	99.3	95.2	90.0	85.0	78.3	73.1	69.0	65.9
	2500	103.3	102.8	102.2	101.7	101.2	100.7	100.3	99.1	97.2	93.4	88.1	82.9	77.4	71.4	66.7	63.3	60.2
	3000	102.6	102.2	101.7	101.2	100.7	99.8	98.3	95.7	90.7	86.0	80.9	75.3	69.8	64.5	60.5	57.2	54.0
	3500	101.9	101.4	101.0	100.7	99.8	97.9	95.3	87.8	83.6	78.8	73.6	69.0	63.3	58.4	54.8	50.9	48.4
	4000	81.7	86.0	99.8	98.3	96.6	93.1	87.4	80.7	76.2	71.9	67.4	62.8	56.7	51.7	48.4	45.7	43.6
	4500	69.0	72.8	76.9	82.6	86.0	86.6	79.0	73.4	69.8	65.5	61.4	55.3	49.1	45.7	43.1	41.7	40.0
	5000	57.4	61.0	64.7	68.4	71.9	75.5	72.6	67.4	63.8	59.3	53.8	47.4	43.6	41.4	39.5	38.1	37.1

¹ The power derate of PRP and ESP is simulated based on the engine cooling circuits performance ;

² To calculate the available engine's power output at the specified ambient conditions, please consult the table values and contact Baudouin Application Engineering.