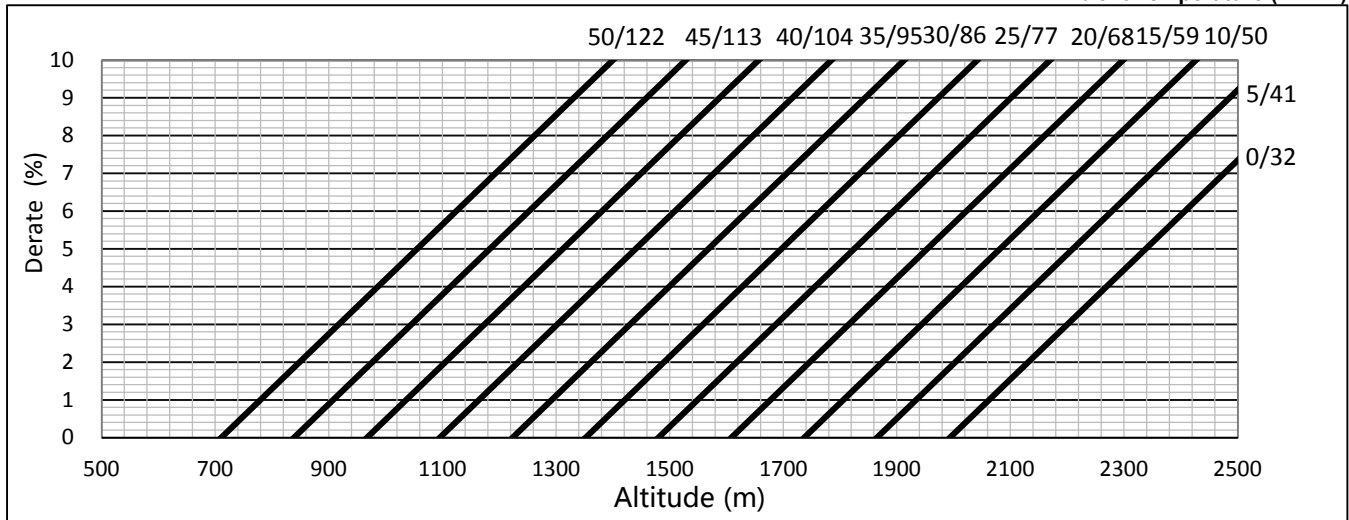


ESP/PRP Power Derate Curves ¹

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	106.4	105.9	105.4	104.9	104.4	103.9	103.4	102.9	102.4	101.8	101.3	100.8	100.3	99.8	99.3	98.8	98.3
	500	104.7	104.2	103.7	103.2	102.7	102.2	101.7	101.2	100.7	100.2	99.7	99.2	98.7	98.2	97.7	97.2	96.7
	1000	102.8	102.3	101.8	101.3	100.8	100.4	99.9	99.4	98.9	98.4	97.9	97.4	96.9	96.4	95.9	95.5	95.0
	1500	101.5	100.9	100.2	99.6	99.0	98.4	97.7	97.1	96.5	95.9	95.2	94.6	94.0	93.4	92.7	92.1	91.5
	2000	100.3	99.1	98.0	96.8	95.7	94.5	93.4	92.3	91.1	90.0	88.8	87.7	86.5	85.4	84.3	83.1	82.0
	2500	94.9	93.6	92.2	90.9	89.6	88.2	86.9	85.6	84.2	82.9	81.6	80.2	78.9	77.6	76.2	74.9	73.6
	3000	84.8	83.6	82.4	81.2	80.0	78.8	77.6	76.4	75.2	74.1	72.9	71.7	70.5	69.3	68.1	66.9	65.7
	3500	76.0	75.0	73.9	72.8	71.7	70.6	69.5	68.5	67.4	66.3	65.2	64.1	63.0	62.0	60.9	59.8	58.7
	4000	68.4	67.3	66.3	65.3	64.3	63.3	62.3	61.2	60.2	59.2	58.2	57.2	56.2	55.1	54.1	53.1	52.1
	4500	59.8	59.0	58.1	57.2	56.3	55.5	54.6	53.7	52.8	52.0	51.1	50.2	49.4	48.5	47.6	46.7	45.9
	5000	52.9	52.1	51.3	50.5	49.7	48.9	48.1	47.3	46.5	45.7	44.9	44.1	43.3	42.5	41.7	40.9	40.1

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.