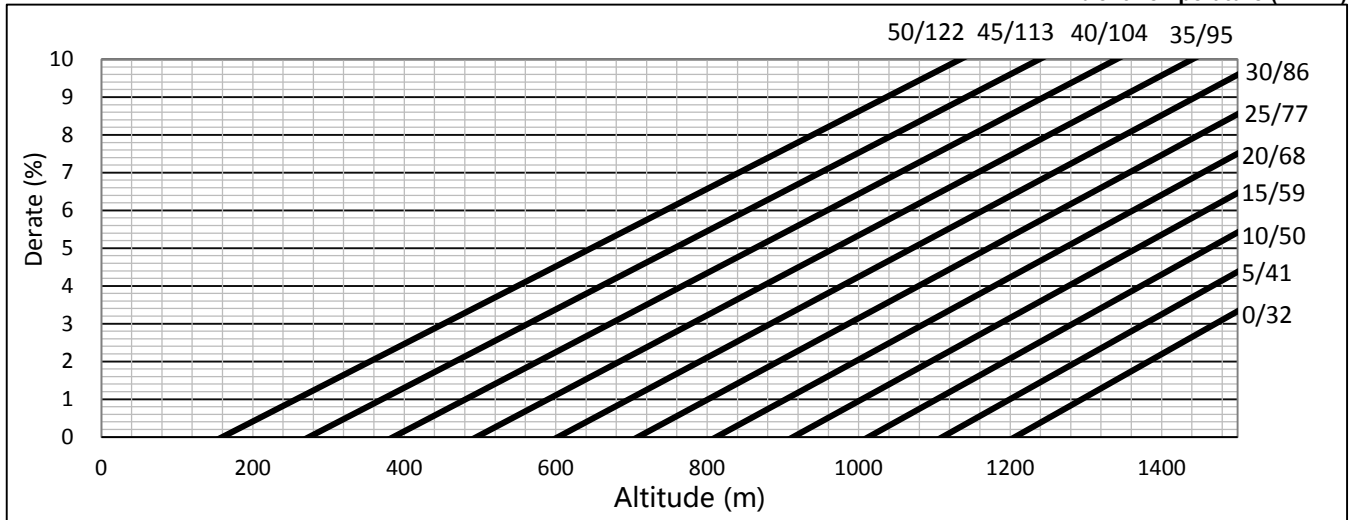


ESP/PRP Power Derate Curves ¹

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	105.4	104.9	104.5	104.1	103.7	103.2	102.8	102.4	102.0	101.5	101.1	100.7	100.3	99.8	99.4	99.0	98.6
	500	103.9	103.5	103.1	102.7	102.3	101.8	101.4	101.0	100.6	100.2	99.8	99.3	98.9	98.5	98.1	97.7	97.3
	1000	102.3	101.9	101.5	101.1	100.7	100.3	99.9	99.5	99.1	98.7	98.3	97.8	97.4	97.0	96.6	96.2	95.8
	1500	101.3	100.7	100.2	99.7	99.2	98.6	98.1	97.6	97.1	96.6	96.0	95.5	95.0	94.5	93.9	93.4	92.9
	2000	100.2	99.3	98.3	97.4	96.4	95.5	94.5	93.5	92.6	91.6	90.7	89.7	88.8	87.8	86.9	85.9	85.0
	2500	95.7	94.6	93.5	92.4	91.3	90.2	89.1	88.0	86.9	85.7	84.6	83.5	82.4	81.3	80.2	79.1	78.0
	3000	87.3	86.3	85.3	84.3	83.3	82.4	81.4	80.4	79.4	78.4	77.4	76.4	75.4	74.4	73.4	72.4	71.4
	3500	80.0	79.1	78.2	77.3	76.4	75.5	74.6	73.7	72.8	71.9	71.0	70.1	69.2	68.3	67.4	66.5	65.6
	4000	73.6	72.8	71.9	71.1	70.2	69.4	68.5	67.7	66.9	66.0	65.2	64.3	63.5	62.6	61.8	60.9	60.1
	4500	66.5	65.8	65.1	64.3	63.6	62.9	62.2	61.4	60.7	60.0	59.2	58.5	57.8	57.1	56.3	55.6	54.9
	5000	60.8	60.1	59.4	58.8	58.1	57.4	56.7	56.1	55.4	54.7	54.1	53.4	52.7	52.1	51.4	50.7	50.1

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.