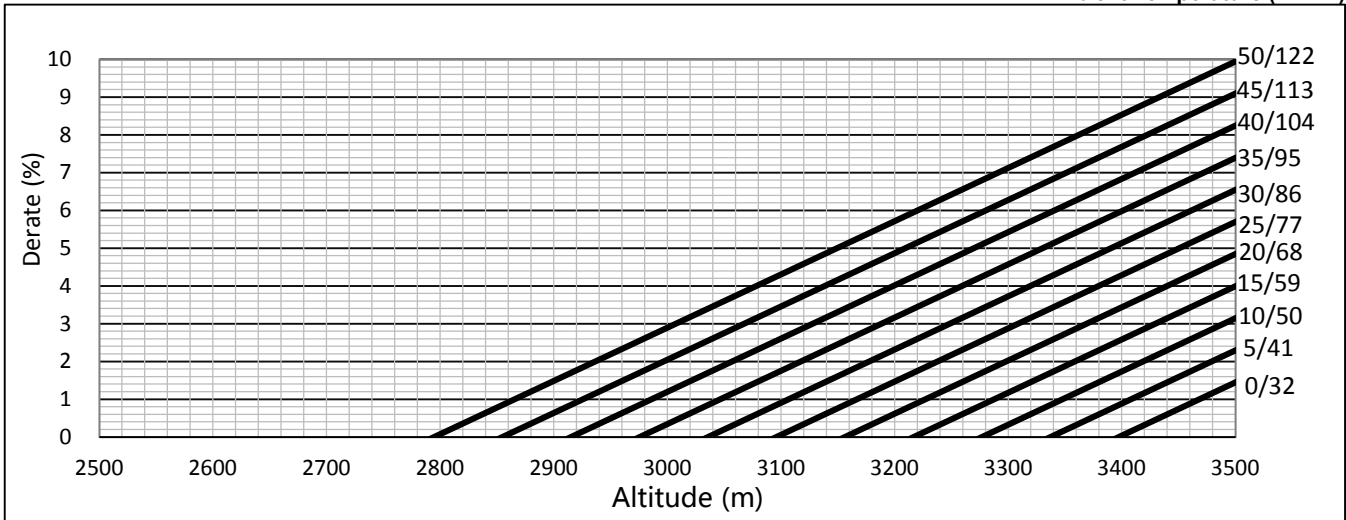


**ESP/PRP Power Derate Curves <sup>1</sup>**

Ambient Temperature (°C / °F)


**Gross Power Output (%) <sup>2</sup>**

Temp(°C)	-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50	
Altitude(m)	0	80.4	83.1	85.7	87.8	89.8	92.2	94.7	96.5	98.3	100.1	101.9	101.4	100.9	100.4	100.0	99.5	98.9
	500	83.8	86.4	88.9	90.9	92.8	95.1	97.4	99.9	102.3	101.8	101.3	100.7	100.2	99.7	99.1	98.7	98.3
	1000	87.9	89.9	91.9	94.3	96.6	98.4	100.2	100.9	101.5	101.1	100.6	100.1	99.6	99.0	98.5	98.0	97.4
	1500	90.4	92.6	94.7	97.1	99.6	100.7	101.9	101.4	100.9	100.3	99.8	99.3	98.7	98.2	97.7	97.1	96.6
	2000	89.4	90.9	92.3	94.4	96.4	98.8	101.3	100.6	100.0	99.5	98.9	98.4	97.9	97.3	96.8	96.4	96.0
	2500	84.5	85.4	86.4	88.5	90.6	91.5	92.3	94.1	96.0	97.1	98.3	97.8	97.2	96.6	96.0	95.5	95.1
	3000	78.1	79.8	81.5	83.1	84.7	86.2	87.7	89.0	90.4	91.7	93.0	94.7	96.4	95.9	95.3	94.8	94.3
	3500	73.2	74.9	76.6	78.2	79.8	80.7	81.7	83.2	84.7	86.1	87.4	88.7	90.0	90.6	91.3	91.4	91.5
	4000	68.5	70.1	71.7	72.7	73.6	75.2	76.8	77.8	78.7	80.2	81.7	83.1	84.5	85.2	86.0	86.2	86.4
	4500	63.8	65.4	67.0	67.9	68.7	70.3	71.9	72.9	73.8	75.4	77.0	77.9	78.7	79.6	80.4	81.2	81.9
	5000	59.4	60.9	62.3	63.3	64.3	65.7	67.2	68.1	68.9	69.9	70.9	71.8	72.8	74.3	75.7	76.6	77.4

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

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