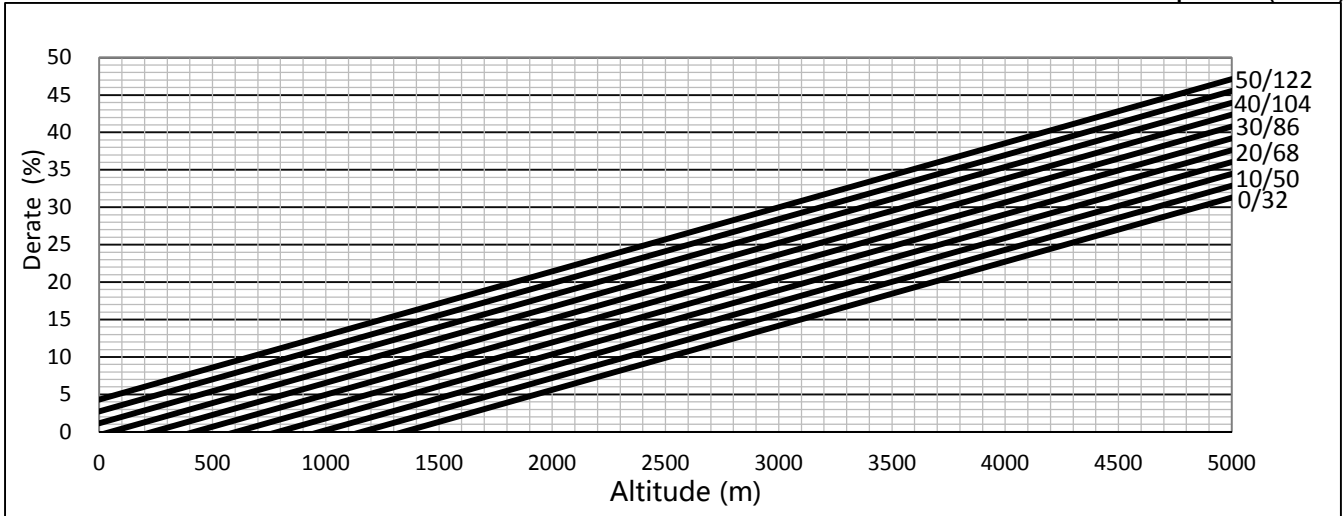


**ESP/PRP Power Derate Curves <sup>1</sup>@1500 rpm**

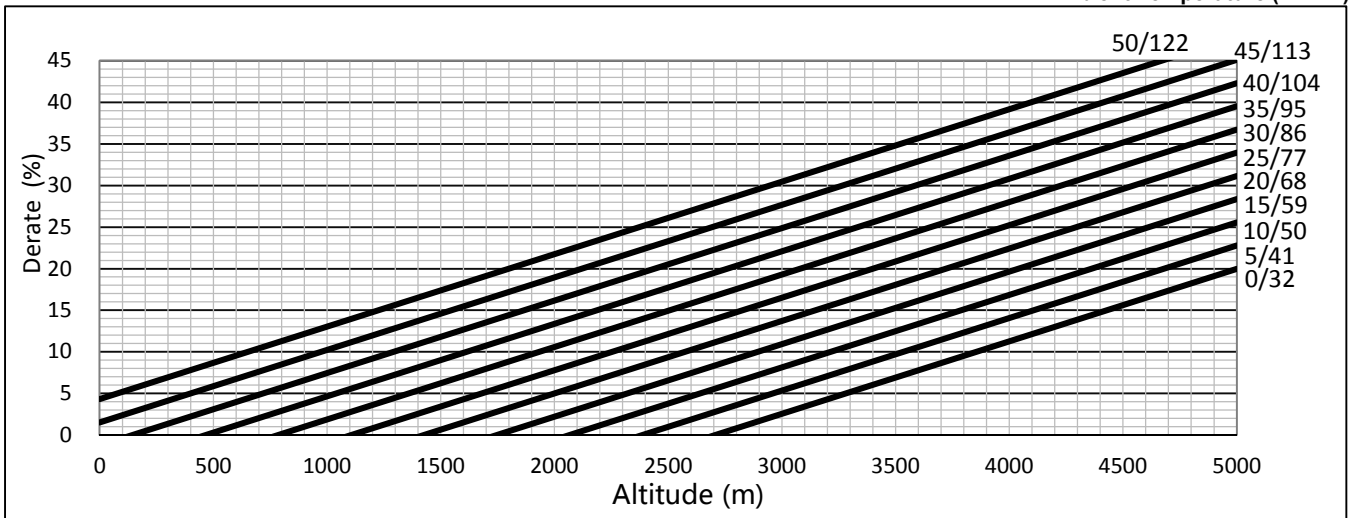
Ambient Temperature (°C / °F)


**Gross Power Output (%) <sup>2</sup>@1500 rpm**

Temp(°C )		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	86.0	87.3	88.5	89.8	90.9	91.8	92.8	93.6	94.5	95.4	96.1	100.0	99.3	98.4	97.9	97.4	95.8
	500	89.1	90.5	91.8	92.9	93.9	94.8	95.6	96.5	97.4	98.3	99.0	98.5	98.0	97.6	95.8	93.3	91.0
	1000	92.4	93.8	94.9	95.9	96.8	97.6	98.6	99.5	99.1	98.6	98.3	97.6	95.1	92.6	90.3	87.9	85.6
	1500	95.5	96.8	97.8	98.8	99.6	99.9	99.4	98.9	98.4	97.9	95.0	92.4	89.9	87.5	85.3	83.0	80.9
	2000	98.8	99.8	100.6	100.0	99.5	98.9	98.5	97.4	94.6	92.0	89.4	86.9	84.5	82.3	80.1	78.1	76.3
	2500	100.8	100.1	99.6	99.1	98.4	97.4	94.6	91.9	89.1	86.8	84.3	82.0	79.8	77.8	75.8	73.8	71.9
	3000	99.8	99.3	98.6	97.0	94.1	91.4	88.8	86.1	83.8	81.4	79.1	77.0	75.0	73.0	71.1	69.3	67.5
	3500	98.9	97.0	94.1	91.3	88.6	86.0	83.5	81.1	78.8	76.6	74.5	72.6	70.6	68.8	67.0	65.4	63.9
	4000	94.0	91.0	88.1	85.5	83.0	80.6	78.3	76.0	73.9	71.9	69.9	68.1	66.3	64.6	62.9	61.3	60.0
	4500	88.1	85.4	82.6	80.3	77.9	75.6	73.4	71.3	69.3	67.4	65.6	63.9	62.3	60.6	59.1	57.6	56.4
	5000	82.5	79.9	77.4	75.1	72.9	70.9	68.8	66.8	64.9	63.1	61.5	59.9	58.4	57.0	55.5	54.1	52.9
5500	77.1	74.8	72.4	70.3	68.3	66.3	64.4	62.5	60.8	59.1	57.6	56.1	54.8	53.4	52.0	50.8	49.6	

**ESP/PRP Power Derate Curves <sup>1</sup>@1800 rpm**

Ambient Temperature (°C / °F)


**Gross Power Output (%) <sup>2</sup>@1800rpm**

Temp(°C )		-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
Altitude(m)	0	72.8	74.4	76.0	77.6	79.1	80.6	82.2	83.8	85.3	86.8	94.7	100.0	98.7	97.5	96.9	96.3	95.7
	500	76.6	78.3	79.9	81.5	83.1	84.6	86.2	87.7	89.4	90.9	92.6	97.8	97.4	96.7	96.4	94.6	90.6
	1000	81.1	82.7	84.3	85.9	87.5	89.1	90.6	92.2	93.7	95.2	96.7	96.8	96.5	96.1	93.1	89.2	85.5
	1500	85.9	87.8	89.2	90.7	92.2	93.7	95.2	96.5	97.4	97.1	96.6	96.2	95.3	91.4	87.7	84.1	80.6
	2000	90.8	92.3	93.9	95.3	96.6	97.9	97.5	97.2	96.7	96.3	96.0	93.4	89.6	86.0	82.5	79.2	75.9
	2500	95.7	97.2	98.3	98.0	97.6	97.2	96.8	96.4	96.0	95.4	91.5	87.8	84.3	80.8	77.6	74.4	71.4
	3000	98.4	98.0	97.6	97.2	96.8	96.4	96.0	95.7	93.2	89.4	85.8	82.3	79.1	75.9	72.8	69.9	67.1
	3500	97.6	97.2	96.8	96.4	96.0	95.7	94.7	91.4	87.6	84.1	80.7	77.5	74.4	71.4	68.5	65.8	63.2
	4000	96.7	96.3	95.9	95.6	93.3	91.1	88.8	85.5	82.0	78.7	75.6	72.5	69.7	66.9	64.2	61.7	59.2
	4500	95.8	94.0	91.8	89.7	87.6	85.5	83.4	80.1	76.8	73.8	70.8	68.0	65.4	62.7	60.2	57.9	55.6
	5000	90.2	88.1	86.0	84.0	82.1	80.2	78.0	74.8	71.9	69.1	66.3	63.7	61.2	58.7	56.4	54.2	52.1
	5500	84.4	82.4	80.5	78.7	76.9	75.2	72.9	70.0	67.3	64.5	62.0	59.6	57.3	55.1	52.8	50.7	48.7

<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.