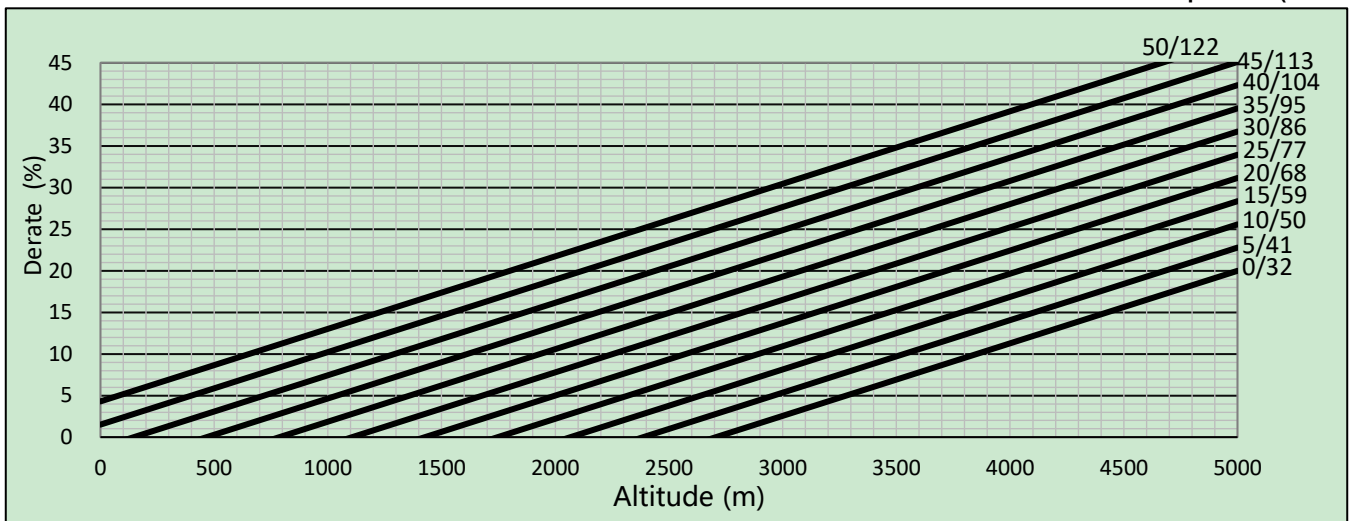


ESP/PRP Power Derate Curves ¹

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	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

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.