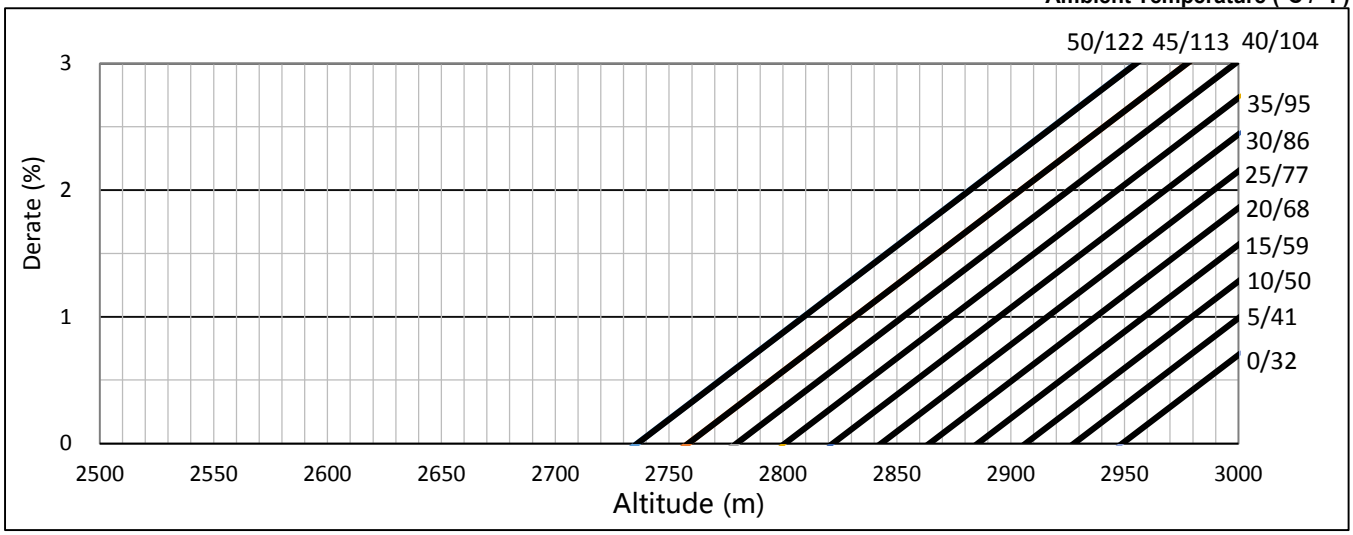
Baudouin	Model N° : **4M06G50/5**	Date : 06/05/21
	PowerKit Engine Derating Curves	Page : 1 / 1

ESP/PRP Power Derate Curves [1]



Gross Power Output (%) [2]

Altitude(m) \ Temp(C°)	-30	-25	-20	-15	-10	-5	0	5	10	15	20	25	30	35	40	45	50
0	87.1	88.3	89.6	90.8	91.7	92.9	94.2	95.2	96.5	97.1	98.3	99.2	99.8	99.4	99.0	98.5	98.1
500	89.2	90.4	91.7	92.5	93.8	94.8	96.0	97.1	98.3	99.0	100.2	99.8	99.2	98.8	98.3	97.7	97.3
1000	91.7	92.7	94.0	95.2	96.3	97.5	98.5	99.4	100.4	100.0	99.6	99.0	98.5	98.1	97.5	97.1	96.5
1500	94.0	95.0	96.7	97.7	98.8	99.6	100.6	100.2	99.6	99.2	98.8	98.3	97.7	97.3	96.7	96.3	95.8
2000	95.0	96.5	98.3	100.2	100.8	100.4	99.8	99.4	98.8	98.3	97.9	97.3	96.9	96.5	95.8	95.4	95.0
2500	91.5	94.4	101.3	100.6	100.0	99.6	99.0	98.5	97.9	97.5	97.1	96.5	96.0	95.6	95.0	94.6	94.2
3000	83.8	86.3	88.5	90.6	99.6	99.0	98.3	97.7	97.3	96.7	96.3	95.6	95.2	94.8	94.2	93.8	93.3
3500	78.8	80.6	81.7	83.8	85.6	88.1	90.2	97.3	96.7	96.0	95.4	95.0	94.4	94.0	93.5	92.3	90.4
4000	69.8	74.0	76.7	77.7	79.0	80.8	82.7	84.4	86.0	88.1	95.0	94.4	93.8	92.5	90.6	87.1	84.0
4500	57.9	62.1	65.6	70.2	73.5	74.8	76.3	77.5	79.8	80.6	82.3	83.5	85.6	90.6	86.0	80.8	77.7
5000	46.9	50.4	54.4	57.9	62.1	66.3	69.0	72.5	73.5	74.6	75.4	76.9	78.1	79.0	78.1	74.6	71.9

[1] The power derate of PRP and ESP is simuliated 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.