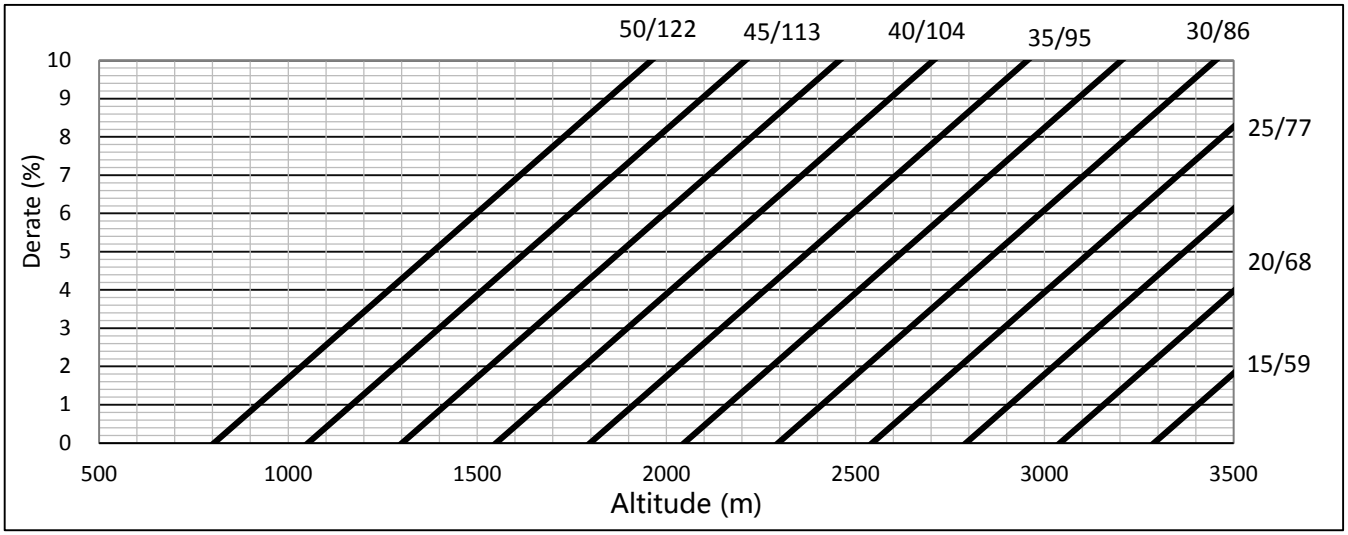
Baudouin	Model N° : **4M06G44/5**	Date : 06/05/21
	PowerKit Engine Derating Curves	Page : 1 / 1

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	105.3	104.8	104.3	103.9	103.4	102.9	102.5	102.0	101.6	101.1	100.6	100.2	99.7	99.2	98.8	98.3	97.9
	500	105.8	105.2	104.6	104.0	103.4	102.8	102.3	101.7	101.1	100.5	99.9	99.3	98.8	98.2	97.6	97.0	96.4
	1000	105.4	104.8	104.2	103.5	102.9	102.3	101.7	101.0	100.4	99.8	99.2	98.5	97.9	97.3	96.7	96.0	95.4
	1500	104.5	103.8	103.2	102.6	102.0	101.3	100.7	100.1	99.5	98.8	98.2	97.6	97.0	96.3	95.7	95.1	94.5
	2000	104.2	103.5	102.7	102.0	101.2	100.4	99.7	98.9	98.2	97.4	96.7	95.9	95.1	94.4	93.6	92.9	92.1
	2500	104.3	103.3	102.3	101.3	100.4	99.4	98.4	97.4	96.4	95.4	94.4	93.4	92.4	91.4	90.4	89.4	88.5
	3000	104.4	103.1	101.9	100.6	99.3	98.1	96.8	95.5	94.3	93.0	91.7	90.5	89.2	88.0	86.7	85.4	84.2
	3500	103.1	101.6	100.1	98.6	97.1	95.6	94.2	92.7	91.2	89.7	88.2	86.7	85.2	83.7	82.2	80.7	79.2
	4000	98.0	96.5	95.1	93.7	92.3	90.9	89.5	88.1	86.7	85.3	83.8	82.4	81.0	79.6	78.2	76.8	75.4
	4500	91.9	90.6	89.3	88.0	86.7	85.4	84.1	82.8	81.6	80.3	79.0	77.7	76.4	75.1	73.8	72.5	71.2
	5000	85.6	84.5	83.3	82.2	81.0	79.9	78.7	77.6	76.4	75.3	74.1	73.0	71.9	70.7	69.6	68.4	67.3

[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.