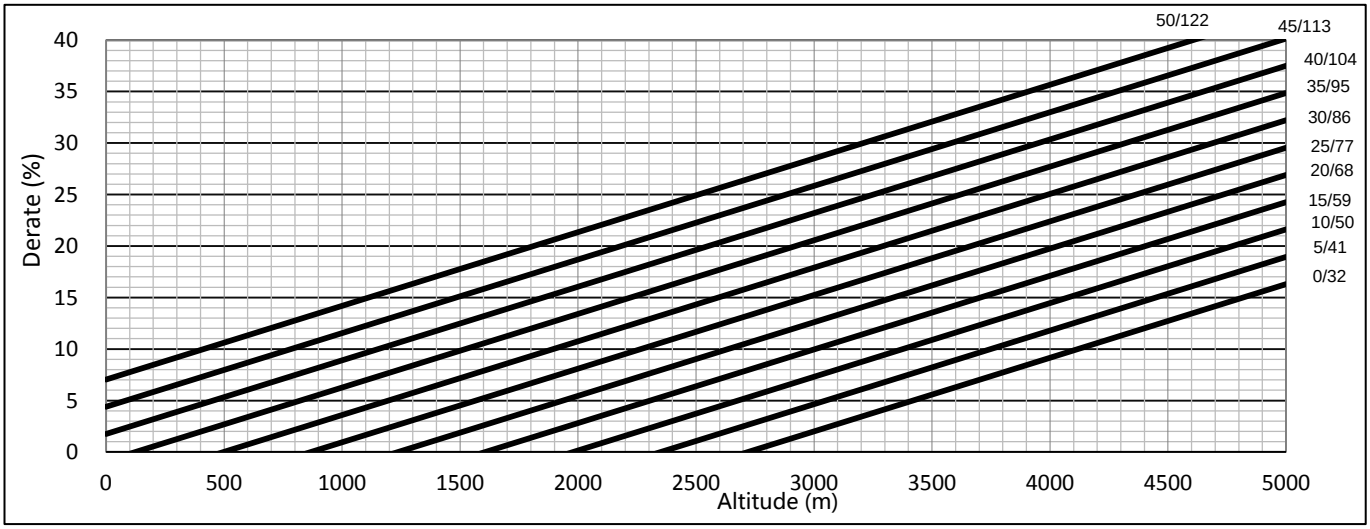
Baudouin	Model N° : **20M33G2200/6**	Date : 15/06/21
	PowerKit Engine Derating Curves	Page : 1 / 1

Ambient Temperature (°C / °F)

ESP/PRP Power Derate Curves [1]



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	79.0	81.7	84.3	87.1	89.8	92.7	95.6	97.9	100.2	100.0	99.8	99.5	99.3	99.1	99.0	98.8	98.6
	500	83.9	86.8	89.7	92.6	95.5	96.8	98.2	99.2	100.3	100.1	99.8	99.7	99.5	99.1	98.8	97.2	95.6
	1000	88.8	91.9	95.0	98.1	101.2	101.0	100.7	100.5	100.3	100.1	100.0	99.8	99.6	99.1	98.6	95.6	92.6
	1500	95.3	96.8	98.2	99.6	101.1	100.9	100.7	100.5	100.3	100.1	99.9	98.6	97.3	95.2	93.1	90.0	87.0
	2000	101.9	101.7	101.4	101.2	101.0	100.8	100.6	100.5	100.3	100.0	99.8	97.4	95.0	91.2	87.5	84.5	81.4
	2500	101.7	101.5	101.3	101.1	100.8	100.6	100.4	99.5	98.6	96.7	94.9	92.0	89.0	85.6	82.1	79.3	76.4
	3000	101.5	101.4	101.2	100.9	100.7	100.4	100.2	98.5	96.8	93.4	90.1	86.6	83.1	79.9	76.6	74.0	71.5
	3500	100.3	99.8	99.3	98.9	98.4	98.0	97.5	94.7	91.9	88.6	85.2	82.0	78.8	75.8	72.8	70.3	67.9
	4000	99.1	98.3	97.5	96.9	96.2	95.5	94.8	90.9	87.0	83.6	80.3	77.4	74.5	71.7	69.0	66.6	64.3
	4500	93.9	93.2	92.4	91.6	90.9	90.1	89.3	85.7	82.1	79.0	76.0	73.3	70.5	67.9	65.2	63.0	60.7
	5000	88.8	88.0	87.3	86.4	85.5	84.6	83.7	80.5	77.3	74.5	71.6	69.1	66.6	64.0	61.4	59.3	57.2
	5500	83.2	82.7	82.1	81.4	80.7	79.7	78.7	75.7	72.8	70.2	67.6	65.2	62.7	60.4	58.1	56.0	53.9

[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.