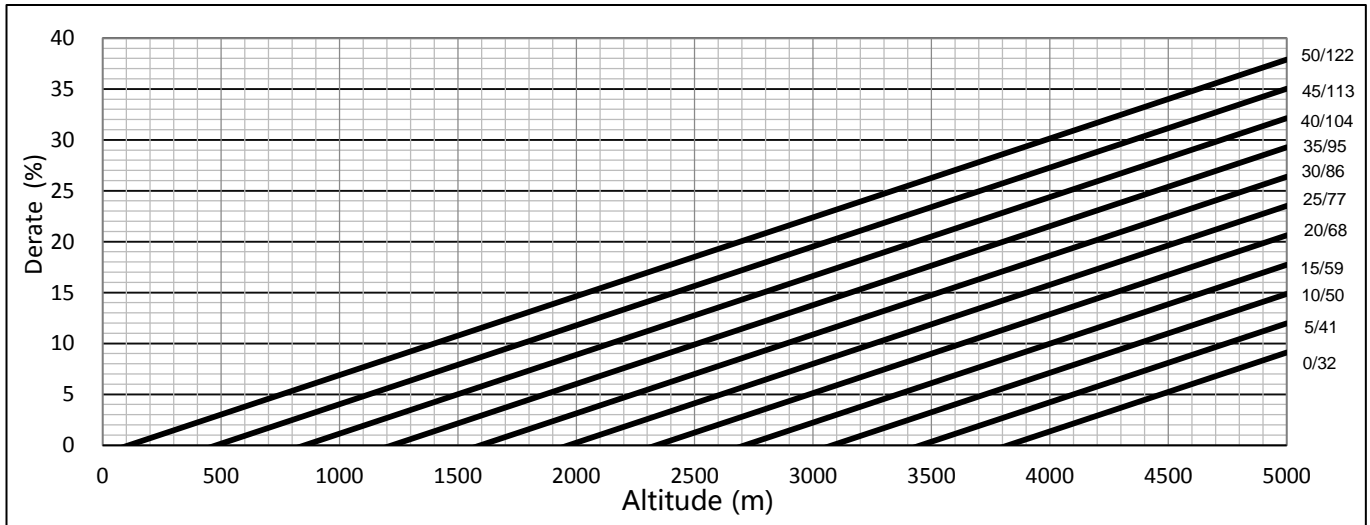


Ambient Temperature (°C / °F)

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	85.7	88.6	91.5	94.5	97.5	100.6	103.8	106.3	108.8	108.5	108.3	108.0	107.8	107.6	107.4	107.2	107.0
500	91.0	94.2	97.3	100.4	103.6	105.1	106.5	107.7	108.8	108.6	108.3	108.2	107.9	107.5	107.2	105.5	103.7	
1000	96.3	99.7	103.1	106.5	109.8	109.6	109.3	109.1	108.9	108.7	108.5	108.3	108.1	107.5	107.0	103.7	100.4	
1500	103.5	105.0	106.6	108.1	109.7	109.5	109.2	109.1	108.8	108.6	108.4	107.0	105.6	103.3	101.0	97.7	94.4	
2000	110.5	110.3	110.0	109.8	109.6	109.4	109.2	109.0	108.8	108.6	108.3	105.7	103.0	99.0	95.0	91.7	88.3	
2500	110.4	110.1	109.9	109.7	109.4	109.2	109.0	107.9	107.0	105.0	103.0	99.8	96.6	92.9	89.1	86.0	83.0	
3000	110.2	110.0	109.8	109.5	109.2	109.0	108.7	106.9	105.1	101.4	97.8	94.0	90.2	86.7	83.1	80.4	77.6	
3500	108.8	108.3	107.8	107.3	106.8	106.3	105.8	102.8	99.7	96.1	92.5	89.0	85.6	82.3	79.0	76.3	73.6	
4000	107.5	106.7	105.8	105.1	104.4	103.6	102.9	98.7	94.4	90.8	87.2	84.0	80.9	77.8	74.8	72.3	69.7	
4500	101.9	101.1	100.3	99.4	98.6	97.8	96.9	93.0	89.1	85.8	82.4	79.5	76.5	73.7	70.8	68.3	65.9	
5000	96.4	95.5	94.7	93.8	92.8	91.8	90.9	87.4	83.9	80.8	77.7	75.0	72.2	69.5	66.7	64.4	62.1	
5500	90.3	89.7	89.1	88.3	87.6	86.5	85.4	82.2	79.0	76.1	73.3	70.7	68.1	65.6	63.1	60.8	58.5	

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.