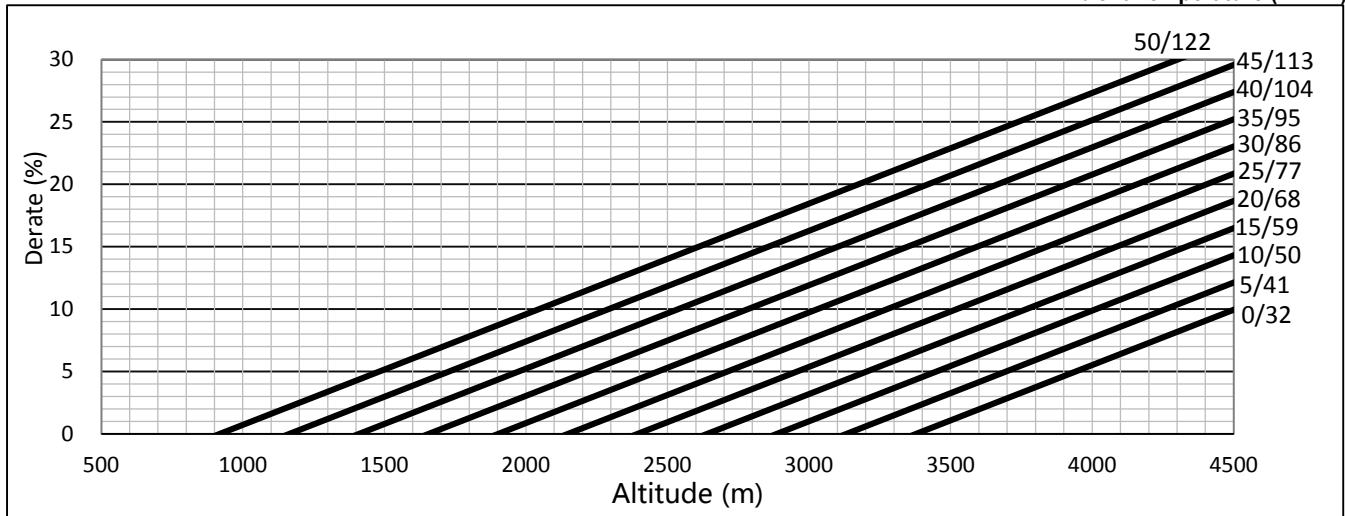


ESP/PRP Power Derate Curves ¹

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	83.8	86.0	88.3	90.0	92.2	94.4	97.0	99.4	102.1	101.7	101.4	101.1	100.6	100.3	100.0	99.7	99.4
	500	86.7	88.9	91.1	93.3	95.6	97.6	100.2	103.2	102.7	102.4	101.9	101.6	101.3	101.0	100.6	100.2	99.8
	1000	89.2	91.4	94.0	95.7	97.9	100.5	103.8	103.5	103.0	102.7	102.2	101.9	101.4	101.1	100.8	100.5	100.0
	1500	91.3	93.5	95.2	97.5	99.7	102.2	104.1	103.7	103.3	102.9	102.4	102.1	101.6	101.3	101.0	100.5	94.8
	2000	93.5	95.2	97.1	98.9	101.0	104.8	104.3	103.8	103.5	103.0	102.7	102.2	101.7	101.3	101.0	94.0	90.0
	2500	95.4	97.1	98.6	100.3	102.4	104.8	104.3	104.0	103.5	103.0	102.5	102.2	101.7	96.7	92.5	89.2	85.6
	3000	88.4	92.9	98.9	101.4	104.4	104.4	104.1	103.7	103.3	102.9	102.5	101.7	94.8	91.0	87.5	84.1	81.3
	3500	78.9	83.3	87.9	92.5	98.1	98.9	98.9	98.6	97.9	97.1	96.5	93.7	89.8	86.3	82.9	79.8	77.1
	4000	68.6	70.8	77.6	81.7	85.7	89.8	93.5	93.0	92.4	91.7	91.0	88.4	84.8	81.4	77.9	75.2	72.5
	4500	59.7	63.7	68.3	71.7	75.9	79.8	83.5	87.3	87.5	87.0	86.3	83.5	80.2	76.8	74.3	70.8	68.1
	5000	51.0	55.1	59.0	62.7	66.5	64.0	73.8	77.3	78.6	79.2	80.0	78.6	75.2	72.4	69.8	66.3	63.8

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.