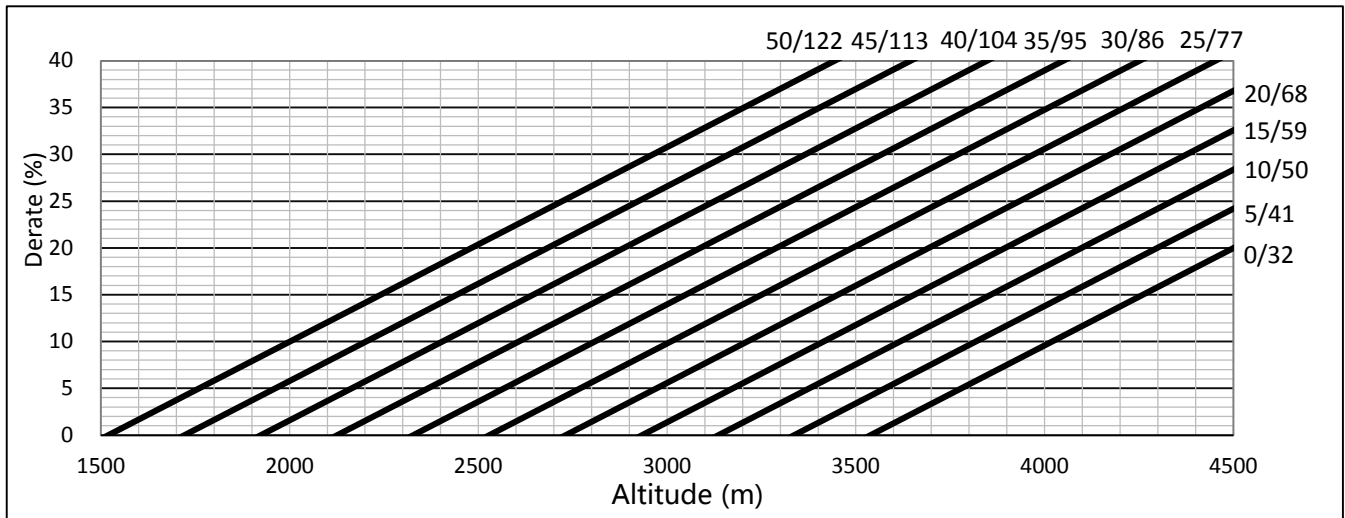


ESP/PRP Power Derate Curves ¹

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	89.4	90.6	91.9	93.2	94.7	96.0	97.7	98.7	100.0	100.9	100.6	100.2	99.6	99.2	98.9	98.3	97.9
	500	91.3	92.5	93.8	94.7	96.0	97.2	98.5	99.4	100.0	100.6	100.6	100.0	99.6	99.2	98.9	98.3	97.7
	1000	92.1	93.0	94.3	95.3	96.4	97.4	98.7	99.6	100.4	100.8	100.2	99.8	99.4	98.9	98.3	97.9	97.4
	1500	92.3	93.2	94.2	95.5	96.4	97.4	98.7	100.0	100.8	100.4	99.8	99.4	98.9	98.5	97.9	97.4	97.0
	2000	91.5	92.8	93.8	95.1	96.0	97.0	98.3	100.0	100.2	99.6	99.2	98.7	98.3	97.7	97.0	95.3	90.4
	2500	90.8	91.9	93.0	94.0	95.3	96.2	97.4	99.8	99.4	99.1	98.5	97.7	96.2	92.6	88.5	83.6	79.2
	3000	89.2	90.2	91.5	92.8	93.6	94.9	96.0	97.7	98.9	97.4	94.3	89.8	86.2	81.9	77.0	73.0	69.2
	3500	85.1	86.4	88.5	90.6	91.5	92.8	94.0	95.5	93.2	87.9	84.0	80.0	76.0	71.5	67.5	63.4	59.6
	4000	80.2	81.3	83.0	84.7	86.8	88.7	90.4	86.4	81.1	77.7	74.0	69.4	65.3	61.9	57.5	54.2	51.3
	4500	71.7	76.2	78.1	79.6	80.9	82.6	80.0	75.5	72.1	67.9	64.0	59.6	56.4	52.3	49.2	46.8	43.6
	5000	62.3	66.0	70.2	74.2	76.2	74.0	69.6	66.2	62.1	58.1	54.3	50.6	47.4	44.5	41.5	39.4	37.7

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.