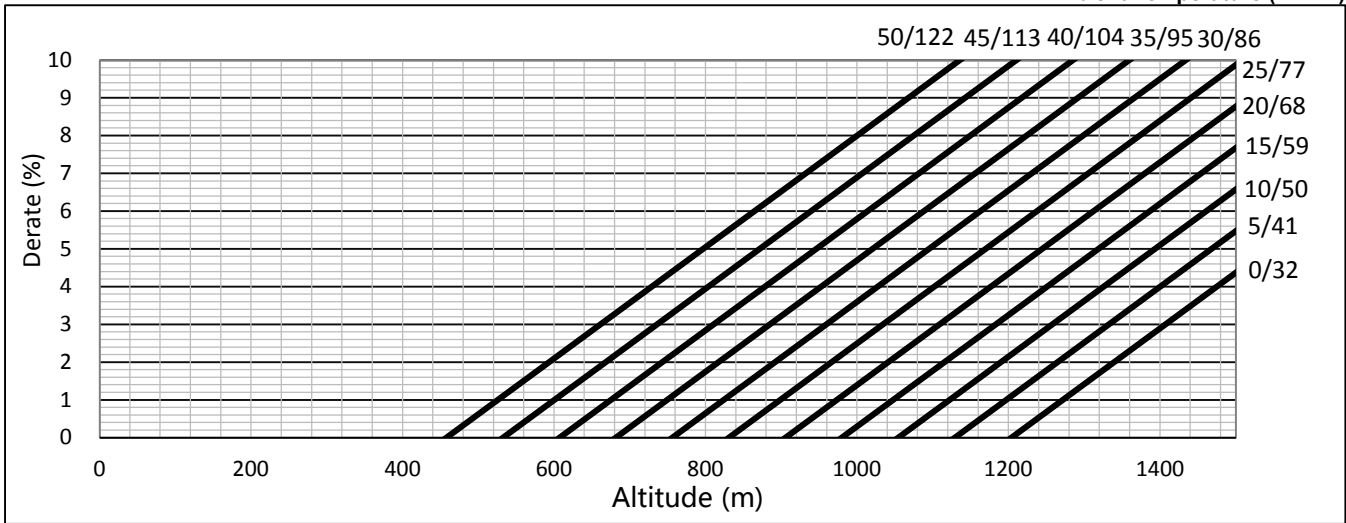


ESP/PRP Power Derate Curves ¹

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	106.8	106.3	105.8	105.3	104.7	104.2	103.7	103.1	102.6	102.1	101.6	101.0	100.5	100.0	99.4	98.9	98.4
	500	105.0	104.4	103.9	103.4	102.8	102.3	101.8	101.3	100.7	100.2	99.7	99.1	98.6	98.1	97.5	97.0	96.5
	1000	102.8	102.3	101.8	101.3	100.8	100.3	99.8	99.3	98.8	98.3	97.8	97.3	96.8	96.3	95.8	95.3	94.8
	1500	101.5	100.7	100.0	99.3	98.6	97.9	97.2	96.4	95.7	95.0	94.3	93.6	92.9	92.1	91.4	90.7	90.0
	2000	97.7	96.6	95.5	94.3	93.2	92.1	90.9	89.8	88.7	87.5	86.4	85.3	84.1	83.0	81.9	80.7	79.6
	2500	88.1	87.1	86.1	85.0	84.0	83.0	82.0	81.0	80.0	79.0	78.0	77.0	76.0	75.0	74.0	72.9	71.9
	3000	78.8	77.8	76.9	76.0	75.1	74.2	73.2	72.3	71.4	70.5	69.5	68.6	67.7	66.8	65.9	64.9	64.0
	3500	70.3	69.5	68.6	67.7	66.9	66.0	65.2	64.3	63.4	62.6	61.7	60.9	60.0	59.2	58.3	57.4	56.6
	4000	62.5	61.7	60.9	60.0	59.2	58.4	57.5	56.7	55.9	55.1	54.2	53.4	52.6	51.7	50.9	50.1	49.3
	4500	54.4	53.7	52.9	52.2	51.5	50.8	50.1	49.4	48.7	48.0	47.2	46.5	45.8	45.1	44.4	43.7	43.0
	5000	47.3	46.7	46.0	45.4	44.7	44.1	43.4	42.8	42.1	41.5	40.8	40.1	39.5	38.8	38.2	37.5	36.9

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.