

Calculo da Previsão Potência

Processo da BV (Process.):	Local (Local) : Peniche	Nova Construção (New Building) : C-974 e C-975
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----- Stock propeller data -----

Propeller series Wageningen B-series

Number of props	2	Diameter	1058.15mm
Number of blades	4	Pitch	639.12 mm
Blade area ratio	1.0100	Shaft efficiency	0.9800

----- Prediction results -----

Vel	Fn	Rn	SLR	wake-fr	thr-ded	Prop-N
4	0	9.11E+07	0.304	0.2415	0.2257	272.7
5	0	1.14E+08	0.381	0.2351	0.2257	337.9
6	0	1.37E+08	0.457	0.2343	0.2257	404.2
7	0	1.60E+08	0.533	0.2336	0.2257	478.8
8	0	1.82E+08	0.609	0.2331	0.2257	571.5
9	0	2.05E+08	0.685	0.2326	0.2257	691.9
10	0	2.28E+08	0.761	0.2322	0.2257	844.2
11	0	2.51E+08	0.837	0.2319	0.2257	1038
12	0	2.73E+08	0.913	0.2319	0.2257	1233.7
13	0	2.96E+08	0.989	0.2318	0.2257	1466.2
14	0	3.19E+08	1.066	0.2317	0.2257	1841.1
15	0	3.42E+08	1.142	0.2316	0.2257	2142.3
Kts						RPM

Vel	Epwr-t	RR-eff	Dpwr/pr	H-eff	P-eff	OPC	Spwr-t
4	18.6	0.9972	21.8	1.0208	0.4143	0.4133	44.4
5	35.2	0.9972	41	1.0123	0.4196	0.4151	83.6
6	60.2	0.9972	70	1.0112	0.4209	0.4159	142.8
7	99.7	0.9972	117.3	1.0103	0.4164	0.4112	239.4
8	168	0.9972	204.6	1.0096	0.4031	0.3977	417.6
9	291.8	0.9972	377.7	1.009	0.3804	0.3751	770.7
10	510.9	0.9972	716.1	1.0085	0.3521	0.3471	1461.5
11	899.6	0.9972	1390.9	1.0081	0.3199	0.3152	2838.6
12	1438.9	0.9972	2403.1	1.008	0.2965	0.2921	4904.3
13	2280.3	0.9972	4144.6	1.0079	0.2727	0.2687	8458.5
14	4064.5	0.9972	8519.3	1.0078	0.2368	0.2332	17386.3
15	6026.8	0.9972	13649.8	1.0076	0.2193	0.2159	27856.8
Kts	HP		HP				HP

Preparado (Made by): Frederico O Fernandes	Aprovado (Approved by):	Rev. (Ver.) 0
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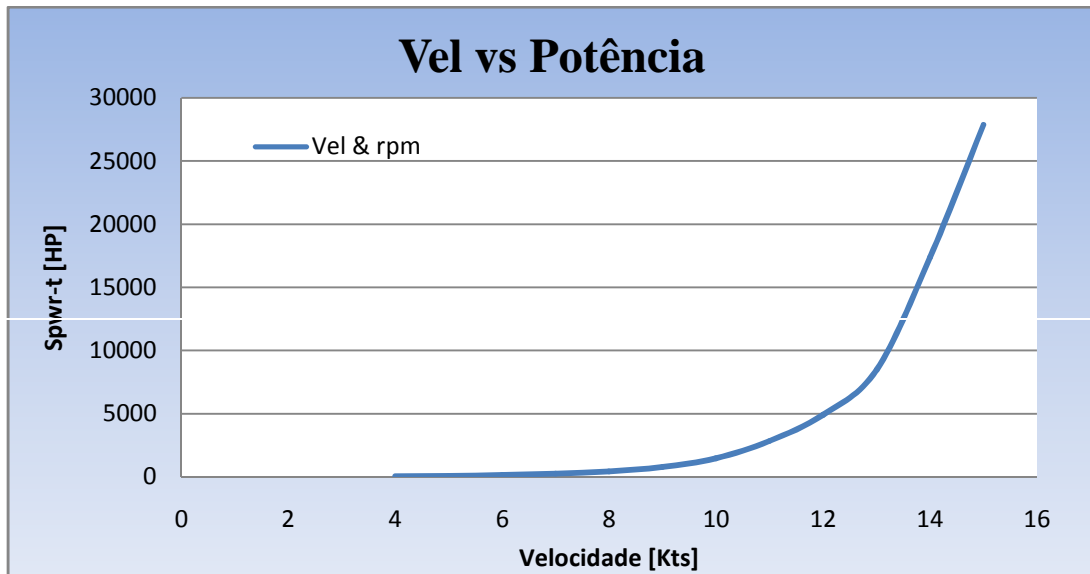
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(Process.):

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