|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AIRFOIL PARAMETERS | AIRFOILS | | | |  |  | |  |
| NACA 4415 | Clark Y | NACA 63415 | NACA 4412 | Clark Z | | NACA 6412 |
| Clmax | 1.4369 | 1.4189 | 1.3879 | 1.4662 | 1.5631 | | 1.5864 |
| Alfas (deg) | 15.6 | 13.4 | 16.3 | 15.5 | 15.5 | | 11 |
| Alfa0 (deg) | -4.4863 | -3.688 | -2.96 | -4.3987 | -4.2189 | | -5.9709 |
| Cl0 | 0.4167 | 0.3818 | 0.3426 | 0.471 | 0.4428 | | 0.6227 |
| Cdmin | 0.00851 | 0.00729 | 0.00906 | 0.00742 | 0.00759 | | 0.0088 |
| Cli | 0.5 | 0.4 | 0.4 | 0.5 | 0.5 | | 0.8 |
| (Cl/Cd)max | 88.87 | 91.2 | 92.64 | 98.5 | 93.13 | | 103.23 |
| Clalfa(1/rad) | 6.3343 | 6.1854 | 6.3343 | 6.1985 | 6.1895 | | 6.1985 |
| Cm0 | -0.0870 | -0.081 | -0.0775 | -0.1005 | -0.0890 | | -0.1328 |
| S.Q. | Docile | Docile | Docile | Moderate | Moderate | | Very Docile |
| Max. thickness (per unit chord) | 0.15 | 0.1171 | 0.15 | 0.12 | 0.118 | | 0.12 |



