



## F1 - E9 - CL - F (16,90 Kg)

|                     |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| - ENGINE            | Monocylinder 2 strokes                                                         |
| - CRANKCASE         | Magnesium                                                                      |
| - CYLINDER          | Aluminium, 6 ports with nickel-silicon plating                                 |
| - PISTON            | 2 rings, thickness 1.2mm chromed steel                                         |
| - COOLING:          | Natural air                                                                    |
| - DIAMETER & STROKE | 66x56.8                                                                        |
| - DISPLACEMENT      | 194.22cc                                                                       |
| - COMPRESSION RATIO | 11:1                                                                           |
| - INLET             | Crankcase reed valve with 4 petals                                             |
| - CARBURETOR        | Walbro WB37C                                                                   |
| - MAX POWER         | 29hp at 8000 Rpm                                                               |
| - IGNITION          | Electronic with variable advance                                               |
| - STARTING          | Electric + battery charger                                                     |
| - CLUTCH            | Centrifugal Clutch                                                             |
| - TRANSMISSION      | POLY-V Belt                                                                    |
| - REDUCTION         | Pulley ratio 1/2.88                                                            |
| - ENGINE SUPPORTS   | 4-6 silent-block                                                               |
| - FUEL              | Unleaded gasoline + 2.5% of synthetic oil                                      |
| - ROTATION SENSE    | Frontal anti-clockwise                                                         |
| - AIR FILTER        | Airbox                                                                         |
| - BATTERY CHARGE    | Output power 80W at 5.000 Rpm                                                  |
| - SPARK PLUG CAP    | Antijamming                                                                    |
| - EXHAUST           | With aluminium muffler                                                         |
| - THRUST            | 75 Kg with 2 blade prop - Helix Ø 125<br>78 Kg with 2 blade prop - Helix Ø 130 |

### LEGENDA / LEGEND

V = Verticali -Verticals  
R = Rovesciati -Reverseds  
A = A 45° - At 45°  
9 = A 90° - At 90°  
2C=doppia candela - double spark plugs

M = Manuale - Manual  
E = Avviamento Elettrico - Electric starter  
C = Con caricabatteria - With battery charge  
CL= corsa lunga- long stroke

### MINARI ENGINE by Parmakit S.r.l.

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