



SPIRIT

RED LINE

Model
Application(s)

Performance

Max Power [Hp (kW)]
Max Torque [Nm (Ft-lb)]
Max Continuous Power [Hp (kW)]
Max Engine Speed [rpm]
Power/Weight [Hp/Kg (Hp/lbs)]
TBO [h]

Engine Data

Engine Type
Displacement [cm³ (in³)]
Weight [Kg (lbs)]
Dimension L x W x H [mm (in)]
Stroke X Bore [mm (in)]
Compression Rate
Thermodynamic Cycle
Fuel

Fuel Cons. [L/h (USgal/h)]

Cooling System

Lubrication

Timing System

Timing Driving System

Transmission

Type
Transmission Ratio
Max Propeller Speed [rpm]
Propeller Rotation
Damper
Optional

MWfly SPIRIT RED LINE ENGINE COMPARISON CHART

SPIRIT 115 DIRECT R/L



SPIRIT 135 GEARED R/L



SPIRIT 160 DIRECT R/L



SPIRIT 160 GEARED R/L



AUTHORIZED DEALER

115 (85.7) @ 3350 rpm
242.9 (179.1) @ 3350 rpm
115 (85.7) @ 3350 rpm

3400
1.55 (0.71)
2200

2545 (155)
74 (163)
593 x 762 x 419 (23.35 x 30 x
16.5)
81 x 93 (3.18 x 3.66)
10.1 ÷ 1

18.6 (4.9) @ 75 Hp

Direct drive

1 ÷ 1
3400

Active Damping Control (A.D.C.)

135.3 (100.9) @ 4550 rpm
218 (160.8) @ 4150 rpm
115 (85.7) @ 4200 rpm

4700
1.71 (0.78)
1800

2201 (134)
79 (174)
672 x 762 x 419 (26.46 x 30 x
16.5)
81 x 93 (3.18 x 3.66)
10.3 ÷ 1

4 cylinder boxer
4 stroke fuel (Otto cycle)
Mo.GAS min. AKI 90, R.O.N. 95, M.O.N. 85, LL100
Liquid with mechanical pump

Semi-dry sump, pressure oil feed assisted with internal pump
2 valves per cylinder with S.O.H.C. (Single Over Head Camshaft)
Gear + chain with automatic chain tensioner

Gearbox with helical gear
(separate lubrication)

1 ÷ 1.958
2400

Right (R) or Left (L)

Elasto-dissipative with Active
Damping Control (A.D.C.)
Integrated constant speed
hydraulic governor

Direct drive

1 ÷ 1
4700

Active Damping Control (A.D.C.)

Gearbox with helical gear
(separate lubrication)

1 ÷ 1.958
2400

Elasto-dissipative with Active
Damping Control (A.D.C.)
Integrated constant speed
hydraulic governor

