

**SPECIFICATIONS UNIQUE TO HORSEPOWER**

Model Numbers . . . . . 85EL77, 85ETLR77 20"  
(508 mm) transom

\*Horsepower (B.I.A.-  
certified) . . . . . 85 hp at 5000 rpm

Bore and stroke - 85 hp . . 3-3/8" bore x 2-19/32"  
stroke (85.72 x 65.88 mm)

Piston displacement . . . . . 92.6 cu. in. (1517 cm<sup>3</sup>)

Piston ring sets (3 per set)  
standard - 85 hp . . . . . Part No. 385666  
.030" oversize . . . . . Part No. 386331

Diameter of standard - 85 hp  
ring . . . . . 3.375" (85.72 mm)

Width of ring  
(upper) . . . 0.0895" - 0.0900" (2.273 - 2.286 mm)  
(lower) . . . 0.0615" - 0.0625" (1.562 - 1.588 mm)

Piston less rings  
Standard - 85 hp . . . . . Part No. 386301  
.030" oversize . . . . . Part No. 386331

Carburetor high speed orifice  
plug - 85 hp . . . . . Part No. 322221  
Hole size 0.049" (1.24 mm)

Carburetor low speed orifice  
plug - 85 hp . . . . . Part No. 323003  
Hole size 0.025" (0.64 mm)

Timing - 85 hp . . . 26° @ 4300-4600 rpm in gear

Propeller supplied with motor - 85 hp . . Aluminum  
3 blade, 13-1/4" dia. x 17" pitch

Tank test with test wheel  
Part No. 382861 . . . . . 4800 rpm

Model Numbers . . . . . 115EL77, 115ETLR77 20"  
(508 mm) transom

\*Horsepower (B.I.A.-  
certified) . . . . . 115 hp at 5000 rpm

Bore and stroke - 115 hp . . . . . 3-1/2" bore x  
2-19/32" stroke (88.90 x 65.88 mm)

Piston displacement - 115 hp . . . . . 99.6 cu. in.  
(1632 cm<sup>3</sup>)

Piston ring sets (3 per set)  
standard - 115 hp . . . . . Part No. 385661  
.020" oversize . . . . . Part No. 385662  
.030" oversize . . . . . Part No. 385663

Diameter of standard - 115 hp  
ring . . . . . 3.500" (88.90 mm)

Width of ring  
(upper) . . . 0.0895" - 0.0900" (2.273 - 2.286 mm)  
(lower) . . . 0.0615" - 0.0625" (1.562 - 1.588 mm)

Piston less rings  
Standard - 115 hp . . . . . Part No. 386300  
.020" oversize . . . . . Part No. 386330  
.030" oversize . . . . . Part No. 386329

Carburetor high speed orifice  
plug - 115 hp . . . . . Part No. 317330  
Hole size 0.059" (1.50 mm)

Carburetor low speed orifice  
plug - 115 hp . . . . . Part No. 322776  
Hole size 0.029" (0.74 mm)

Timing - 115 hp . . . 28° @ 4300-4600 rpm in gear

Propeller supplied with motor . . . . . Aluminum  
3 blade, 13" dia. x 19" pitch

Tank test with test wheel  
Part No. 384933 . . . . . 4800 rpm

\*Horsepower established at sea level. Allow 2% reduction per 1000' (300 m) above sea level.