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**4 stroke = 4-taktní motory**

### Details & Specifications



#### design by YAMAHA - 2,5 HP

|                               |                         |
|-------------------------------|-------------------------|
| Horse Power                   | <b>2,5 HP</b>           |
| Kilowatt                      | 1,85 kW                 |
| Max.otáčky RPM (WOT)          | 4500 - 5500 ot./ min.   |
| Cylinder / Configuration      | 1 - válec               |
| Displacement - objem motoru   | 71 ccm / 4.33 CID       |
| Bore & Stroke / Vrtání x zvih | 54mm x 31,5mm           |
| Bore & Stroke (in)            | 2,13in x 1,24in         |
| Cooling System                | Water-cooled+thermostat |
| Ignition System               | TCI                     |
| Starting System               | Manual                  |
| Gear Ratio                    | 2.08 (27/13 zubů)       |
| Gear Shift                    | F-N                     |
| Exhaust System - výfuk        | Nad lodním šroubem      |
| Lubrication System            | Lubrication Splash      |
| Oil Capacity                  | 350 ml / 11,6 (oz)      |
| Integral Fuel Tank            | 1,2 litru / 0,39 (Gal)  |
| Ø + Maximum fuel waste        | 0,5 - 0,7 l/ hod.       |
| Dry Weight (lbs.)             | 16,8 kg / 37 (lbs.)     |
| Spark Plug                    | BPR7HS                  |
| Steering                      | 360° Full Pivot         |



#### design by YAMAHA - 4 HP

|                               |                         |
|-------------------------------|-------------------------|
| Horse Power                   | <b>4 HP</b>             |
| Kilowatt                      | 2,9 kW                  |
| Max.otáčky RPM (WOT)          | 4500 - 5500 ot./ min.   |
| Cylinder / Configuration      | 1 - válec               |
| Displacement - objem motoru   | 123 ccm / 7.5 CID       |
| Bore & Stroke / Vrtání x zvih | 59mm x 45mm             |
| Bore & Stroke (in)            | 2.32in x 1.77in         |
| Cooling System                | Water-cooled+thermostat |
| Ignition System               | TCI                     |
| Starting                      | Manual                  |
| Gear Ratio                    | 2,15 (28/13 zubů)       |
| Gear Shift                    | F-N-R                   |
| Exhaust System - výfuk        | Nad lodním šroubem      |
| Lubrication System            | Pressurized + pump      |
| Recommended Oil               | 10W-30/40               |
| Oil Capacity                  | 450 ml / 15 (oz)        |
| Integral Fuel Tank            | 1,3 litru / 0,42 (Gal)  |
| Ø + Maximum fuel waste        | 0,7 - 1,1 l/ hod.       |
| Dry Weight                    | 25 (kg.) / 55 (lbs.)    |



### design by YAMAHA - 5 HP

|                               |                         |
|-------------------------------|-------------------------|
| Horse Power                   | <b>5 HP</b>             |
| Kilowatt                      | 3.7 kW                  |
| Max.otáčky RPM (WOT)          | 4500 - 5500 ot./ min.   |
| Cylinder / Configuration      | 1 - válec               |
| Displacement - objem motoru   | 123 ccm / 7.5 CID       |
| Bore & Stroke / Vrtání x zvih | 59mm x 45mm             |
| Bore & Stroke (in)            | 2.32in x 1.77in         |
| Cooling System                | Water-cooled+thermostat |
| Ignition System               | TCI                     |
| Starting                      | Manual                  |
| Gear Ratio                    | 2,15 (28/13 zubů)       |
| Gear Shift                    | F-N-R                   |
| Exhaust System - výfuk        | Nad lodním šroubem      |
| Lubrication System            | Pressurized wet sump    |
| Recommended Oil               | 10W-30/40               |
| Oil Capacity                  | 450 ml / 15 (oz)        |
| Integral Fuel Tank            | 1,3 litru / 0,42 (Gal)  |
| Ø + Maximum fuel waste        | 0,9 - 1,3 l/ hod.       |
| Dry Weight                    | 25 kg / 55 (lbs)        |



### design by YAMAHA - 6 HP

|                               |                         |
|-------------------------------|-------------------------|
| Horse Power                   | <b>6 HP</b>             |
| Kilowatt                      | 4.4 kW                  |
| Max.otáčky RPM (WOT)          | 5000 - 6000 ot./ min.   |
| Cylinder / Configuration      | 1 - válec               |
| Displacement - objem motoru   | 123 ccm / 7.5 CID       |
| Bore & Stroke / Vrtání x zvih | 59mm x 45mm             |
| Bore & Stroke (in)            | 2.32in x 1.77in         |
| Cooling System                | Water-cooled+thermostat |
| Ignition System               | TCI                     |
| Starting System               | Manual                  |
| Gear Ratio                    | 2,15 (28/13 zubů)       |
| Gear Shift                    | F-N-R                   |
| Exhaust System - výfuk        | Nad lodním šroubem      |
| Lubrication System            | Pressurized + pump      |
| Recommended Oil               | 10W-30/40               |
| Oil Capacity                  | 450 ml / 15 (oz)        |
| Integral Fuel Tank            | 1,3 litru / 0,42 (Gal)  |
| Ø + Maximum fuel waste        | 1,1 - 1,5 l/ hod.       |
| Dry Weight                    | 25 kg / 55 (lbs)        |



### design by YAMAHA - 9,9 HP

|                                   |                            |
|-----------------------------------|----------------------------|
| Maximum output HP (kW)            | <b>9,9HP(7.3kW)/ 5000</b>  |
| Full throttle operating range     | 4500-5500 (r/min)          |
| Idling speed (in neutral) (r/min) | 900-1000 ot/ min           |
| Cylinder / Configuration          | 2 - válec / OHC            |
| Displacement - objem motoru       | 323 ccm                    |
| Bore & Stroke (mm)                | 59mm x 59mm                |
| Bore & Stroke (in)                | 2,32in x 2,32in            |
| Cooling System                    | Water-cooled+thermostat    |
| Ignition system                   | CDI                        |
| Starting system                   | Manual                     |
| Gear Ratio                        | 2.08 (27/13 zubů)          |
| Gear positions                    | F-N-R                      |
| Exhaust System - výfuk            | Středem lodního šroubu     |
| Lubrication System                | Pressurized + pump         |
| Recommended Oil                   | 10W-30/40                  |
| Engine oil capacity               | 1 litr                     |
| Gear oil capacity                 | 250 ml                     |
| Separate fuel tank capacity       | 24lit.+vedení s konektorem |
| Ø + Maximum fuel waste            | 1,8 - 2,5 l/ hod.          |
| Weight - váha motoru              | 47 kg                      |
| Trim and tilt system              | Manual tilt                |
| Propeller options*(in)            | 3x9 1/4"x11"               |
| Control system                    | Tiller                     |



### design by YAMAHA - 15 HP

|                                   |                            |
|-----------------------------------|----------------------------|
| Maximum output HP (kW)            | <b>15HP(11,1kW)/ 5000</b>  |
| Full throttle operating range     | 4500-5500 (r/min)          |
| Idling speed (in neutral) (r/min) | 900-1000 ot/ min           |
| Cylinder / Configuration          | 2 - válec / OHC            |
| Displacement - objem motoru       | 323 ccm                    |
| Bore & Stroke (mm)                | 59mm x 59mm                |
| Bore & Stroke (in)                | 2,32in x 2,32in            |
| Cooling System                    | Water-cooled+thermostat    |
| Ignition system                   | CDI                        |
| Starting system                   | Manual                     |
| Gear Ratio                        | 2.08 (27/13 zubů)          |
| Gear positions                    | F-N-R                      |
| Exhaust System - výfuk            | Středem lodního šroubu     |
| Lubrication System                | Pressurized + pump         |
| Recommended Oil                   | 10W-30/40                  |
| Engine oil capacity               | 1 litr                     |
| Gear oil capacity                 | 250 ml                     |
| Separate fuel tank capacity       | 24lit.+vedení s konektorem |
| Ø + Maximum fuel waste            | 2,8 - 3,8 l/ hod.          |
| Weight - váha motoru              | 47 kg                      |
| Trim and tilt system              | Manual tilt                |
| Propeller options*(in)            | 3x9 1/4"x11"               |
| Control system                    | Tiller                     |