

# **Performance Bulletin**





**BOAT MANUFACTURER:** YAM **BOAT MODEL:** 310 TAF OUTBOARD: F20GMHS TEST DATE: July 2021

Yamaha Motor europe www.yamaha-motor.eu

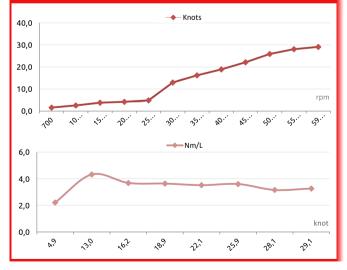


## PERFORMANCE DATA

| PERFORMANCE DATA |       |     |      |
|------------------|-------|-----|------|
| RPM              | Knots | L/h | Nm/L |
| 700              | 1,6   | 0,4 | 4,0  |
| 1000             | 2,5   | 0,5 | 5,1  |
| 1500             | 3,8   | 1,0 | 3,8  |
| 2000             | 4,2   | 1,4 | 3,0  |
| 2500             | 4,9   | 2,2 | 2,2  |
| 3000             | 13,0  | 3,0 | 4,3  |
| 3500             | 16,2  | 4,4 | 3,7  |
| 4000             | 18,9  | 5,2 | 3,6  |
| 4500             | 22,1  | 6,3 | 3,5  |
| 5000             | 25,9  | 7,2 | 3,6  |
| 5500             | 28,1  | 8,9 | 3,2  |
| 5900             | 29.1  | 9.1 | 3.3  |

Acceleration time in seconds:

| 0-15kn | 6,0 s |
|--------|-------|
| 0-20kn | 7,8 s |



#### **YAM 310 TAF**

| Length                     | 3,07 | М  |
|----------------------------|------|----|
| Beam                       | 1,60 | М  |
| Dry Weight                 | 84   | Kg |
| Max HP                     | 20   | HP |
| Fuel Capacity              | 25   | L  |
| Weight as Tested (approx.) | 165  | Kg |

# F20GMHS

| Horsepower          | 20 Hp | 15      | Kw   |  |
|---------------------|-------|---------|------|--|
| Type & Displacement | EFI   | 432     | cc   |  |
| Configuration       | 2/In- | line, S | SOHC |  |
| Weight              |       | 58      | Kg   |  |
| Gear Ratio          |       |         | 2,08 |  |
| Mounting Position   | 0 mm  | /       | #2   |  |

#### **PROPELLER**

| Series           |       | Aluminium |        |  |
|------------------|-------|-----------|--------|--|
| Diameter / Pitch | 9 7/8 | х         | 14     |  |
| Partnumber       |       | 664-45    | 952-00 |  |

## **TEST CONDITIONS**

| CIEW                          |             | - 1 | prs. |
|-------------------------------|-------------|-----|------|
| Air Temperature               |             | 16  | °C   |
| Wind Speed                    |             | 10  | m/s  |
| Fuel                          |             | 25  | L    |
| Type of water and temperature | Fresh Water | 19  | °C   |

# **TEST PERFORMANCE SUMMARY**

| Max Average Speed  | 29  | kn   |
|--------------------|-----|------|
| Best Cruising Nm/L | 4,3 | Nm/l |

Comment:Tested weigth includes full tank of fuel, battery, safety and test gear

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