



## REGULATION OF YAMAHA SUNDAY RACE RACE 2018

Rev Seri 3

MACHINE (YEAR PRODUCTION)	SPORT 250cc PRO	SPORT 250cc COM PRO	SPORT 250cc COM A	SPORT 250cc COM B
<b>1. ENGINE SPECIFICATIONS</b>				
<b>1.1. Engine Type</b>	4 Stroke 2 Cyl	4 Stroke 2 Cyl	4 Stroke 2 Cyl	4 Stroke 2 Cyl
1.1.1. Displacement	Up to 250cc	Up to 250cc	Up to 250cc	Up to 250cc
1.1.2. Engine Layout	vertical	vertical	vertical	vertical
1.1.3. Engine Id. Number	Required	Required	Required	Required
<b>1.2. Cylinder Head</b>	Standart-Port-Polishing	Standart-Port-Polishing	Standart-Port-Polishing	Standart
<b>1.2.1. Valve and Suoporting Parts</b>				
1.a. Maximum Diameter	Standart	Free	Standart	Standart
1.b. Material	Standart	Free	Standart	Standart
1.c. Quantity	Standart	Standart	Standart	Standart
1.d. Valve Seat	Free	Free	Standart	Standart
1.e. Valve Guide	Free	Standart	Standart	Standart
1.f. Valve Spring	Free	Standart	Standart	Standart
1.g. Valve Spring Retainer	Free	Standart	Standart	Standart
1.h. Valve Shim	Free	Free	Free	Free
1.i. Valve Angel	Free	Free	Standart	Standart
<b>1.2.2. Camshaft</b>	Free	Free	Standart	Standart
2.a. Type	Standart	Standart	Standart	Standart
2.b. Material	Standart	Standart	Standart	Standart
2.c. Camshaft Lobe profiles	Free	Free	Standart	Standart
2.d. Cam Sprocket	nting hole allowed to enlarge for ad	Standart Modif	Standart	Standart
2.e. Cam Chain	Standart	Standart	Standart	Standart
2.f. Cam Chain Tensioner	Standart	Free	Free	Free
<b>1.2.3. Valve Train</b>		Standart	Standart	Standart
3.a. Material		Standart	Standart	Standart
3.b. Type		Standart	Standart	Standart
3.c. Sim		Standart	Standart	Standart
3.d. Treatment		Standart	Standart	Standart
<b>1.2.4. Cylinder Head Cover</b>	Standart	Standart	Standart	Standart
<b>1.3. Cylinder Block</b>	Standart	Standart	Standart	Standart
1.3.1. Material	Standart	Standart	Standart	Standart
1.3.2. Liner	Up To 250cc Standart	Up To 250cc Standart	Up To 250cc Standart	Up To 250cc Standart
1.3.3. Gasket	Free	Free	Standart	Standart



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<b>1.4. Piston and Piston Ring</b>				
1.4.1. Material	Standart	Free	Standart	Standart
1.4.2. Ring Type	Standart	Free	Standart	Standart
1.4.3. Ring Quantity	Free	Free	Standart	Standart
1.4.4. Ring Thickness	Standart	Free	Standart	Standart
1.4.5. Diameter	Standart	Standart	Standart	Standart
<b>1.5. Crankshaft</b>	Standart	Standart	Standart	Standart
1.5.1. Material	Standart	Standart	Standart	Standart
1.5.2. Size (Stroke)	Standart	Standart	Standart	Standart
1.5.3. Connecting Rod	Standart	Standart	Standart	Standart
1.5.4. Connecting Rod Length	Standart	Standart	Standart	Standart
1.5.5. Crank Pin	Standart	Standart	Standart	Standart
<b>1.6. Crankcase</b>				
1.6.1. Material	Standart	Standart	Standart	Standart
1.6.2. Oil Pump	Standart	Free	Standart	Standart
1.6.3. Waterpump	Standart	Free	Standart	Standart
<b>1.7. Magneto</b>				
1.7.1. Type	Standart	Free	Standart (Modification Allowed)	Standart
1.7.2. Cover	Standart	Standart	Standart	Standart
<b>1.8. Transmission</b>				
1.8.1. Primary Gear	Standart	Standart	Standart	Standart
1.8.1.2. Secondary Gear	Standart	Standart	Standart	Standart
1.8.2. Gear Box	Free	Standart	Standart	Standart
1.8.3. Quantity	Max 6 Speed	Max 6 Speed	Max 6 Speed	Max 6 Speed
1.8.4. Final Gear	Free	Free	Free	Free
1.8.5. Quick Shifter	Allowed	Allowed	Allowed	Standart
<b>1.9. Clutch</b>				
1.9.1. Type	Standart	Standart	Standart	Standart
1.9.2. Material	Free	Free	Standart	Standart
1.9.3. Clutch Housing	Standart	Standart	Standart	Standart
1.9.4. Clutch Cover	Standart	Standart	Standart	Standart
1.9.5. Clutch Spring	Free	Free	Standart	Standart
1.9.6. Clutch Plates	Free	Free	Standart	Standart
1.9.7. Clutch Cable	Free	Free	Free	Standart
1.9.8. Slipper Clutch System	Not Allowed	Not Allowed	Not Allowed	Not Allowed



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<b>1.10. Throttle Body</b>				
1.10.1. Size	32mm	2 Cyl Max 34,08mm x 2, Butterfly	Standart	Standart
1.10.2. Intake Manifold	Free	Free	Standart	Standart
1.10.3. Injector	Free	Free	Standart	Standart
1.10.3.1. Max Injector	1 TB Max 2 Injector	Free	Standart	Standart
1.10.4. Air Funnel (Velocity)	Free	Free	Free	Standart
<b>1.11. Ignition</b>				
1.11.1. Wiring-Harnes	Free	Free	Standart	Standart
1.11.2. Ignition Coil	Free	Free	Free	Standart
1.11.3. Spark Plug	Free	Free	Free/Iridium	Free/Iridium
<b>1.12. ECU</b>	Free	Free	ECU Stand alone/ piggy back	Standart + Piggyback (Allowed)
1.12.1. Data Logger	Free	Allowed	ALLOWED	ALLOWED
1.12.2. Sensor	Free	Free	Sensor not allowed	Sensor not allowed
<b>1.13. Exhaust</b>	Free	Free	Free	Free
<b>1.14. Oil Cooler</b>	Free	Free	Standart	Standart
<b>1.15. Radiator</b>	Free	Free	Free	Standart
1.15.1. Air Radiator	Air Mineral	Air Mineral	Air Mineral	Air Mineral
1.15.2. Reservoir Tank	Must	Must	Must	Must
<b>1.16. Dinamo Starter</b>	Must Function Standart	Must Function Standart	Must Function Standart	Must Function Standart
<b>1.17. Battery</b>	Free	Free	Free	Free
<b>2. BODY-CHASSIS</b>	Sport	Sport	Sport	Sport
<b>2.1. Frame</b>				
2.1.1. Material	Standart	Standart	Standart	Standart
2.1.2. Sub Frame Material	Free	Free	Standart	Standart
2.1.3. VIN/ Frame Number	Required	Required	Required	Required
<b>2.2. Front Suspension</b>				
2.2.1. Type	Stock Production	Stock Production	Stock Production	Stock Production
2.2.2. Inner Tube	Stock Production	Stock Production	Stock Production	Stock Production
2.2.3. Outer Tube	Stock Production	Stock Production	Stock Production	Stock Production
2.2.4. Spring	Free	Free (Adjust Preload)	Free (Adjust Preload)	Free (Adjust Preload)
2.2.5. Fork Oil	Free	Free	Free	Free
2.2.6. Valves	Free	Free	Free	Free
2.2.7. Upper Fork Holder	Free	Free	Free	Free
2.2.8. Bottom Fork Holder	Stock Production	Stock Production	Stock Production	Stock Production
2.2.9. Cartridge	Free	Allowed	Allowed	Allowed



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<b>2.3. Rear Suspension</b>				
2.3.1. Swing Arm	Standart	Standart	Standart	Standart
2.3.2. Shock Absorber	Free	Free	Free	Free
2.3.3. Linkage System	Stock Production	Standart	Standart	Standart
2.3.4. Chain Guard	Must	Must	Must	Must
<b>2.4. Under Bracket</b>				
2.4.1. Upper	Free	Free	Free	Free
2.4.2. Bottom	Free	Standart	Standart	Standart
2.4.3. Material	Standart	Free	Free	Standart
<b>2.5. Handle Bar</b>	Free	Free	Free	Free
2.5.1. Hand Guard	Left hand side free, Right hand	Free	Free	Free
2.5.2. Clutch & Brake Lever	Free	Free	Free	Free
<b>2.6. Brakes</b>				
2.6.1. Brake Lines	Steel	Steel	Steel	Steel
2.6.2. Caliper	Free	Free	Standart	Standart
2.6.3. Master	Free	Free	Free	Standart
2.6.4. Disc Brakes Material	Free	Free	Free	Standart
2.6.5. Brake Pads	Free	Free	Free	Free
2.6.6. Disc Thickness & Diameter	Free	Free	Free	Standart
<b>2.7. Fuel Tank</b>	Standart	Standart	Standart	Standart
2.7.1. Position	Standart	Standart	Standart	Standart
2.7.2. Capacity	Standart	Standart	Standart	Standart
2.7.3. Fuel Pump	Standart	Standart	Standart	Standart
2.7.4. Fuel Cap	Free	Free	Free	Free
<b>2.8. Wheels</b>				
2.8.1. Material	Standart	Standart	Standart	Standart
2.8.2. Rims Widht	Standart	Standart	Standart	Standart
2.8.3. Rims Diameter	Standart	Standart	Standart	Standart
<b>2.9. Fairing</b>	Full Fairing with Under Cowling	Full Fairing with Under Cowling	Full Fairing with Under Cowling	Full Fairing with Under Cowling
2.9.1. Material and Shapes	Free	Modification Allowed	Modification Allowed	Modification Allowed
2.2.2. Number Plate Back 2 Side	Free	Must-Black on White	Must-Black on White	Must-Black on White
2.2.3. Dimension	Free	Standart	Standart	Standart
2.2.4. Winget	Not Allowed	Not Allowed	Not Allowed	Not Allowed
<b>2.10. Seat</b>	Free	Free	Free	Free
<b>2.11. Steering Damper</b>	Free	Free	Free	Free



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2.12. Minimum Weight (Motor + Rider tanpa Fuel)	202 kg Incl Rider	Free	Free	Free
2.13. Oil Catch Tank	Must	Must	Must	Must
2.14. Wire Lock	Bolt Oil, Brake Caliper	Bolt Oil, Brake Caliper	Bolt Oil, Brake Caliper	Bolt Oil, Brake Caliper
2.15. Footstep Racing	Free	Free	Free	Free
2.16. Air Cleaner Box	Free	Free	Standart Modif	Standart Modif
2.16.1 Airscoope	Free	Free	Free	Standart
2.17. Tire	Free	Free	Free/SNI	Free/SNI
2.17.1. Type	Dry Tire Wet Tire	Dry Tire Wet Tire	Dry Tire Wet Tire	Dry Tire Wet Tire
2.17.2. Size	Equalized	Equalized	Equalized	Equalized
2.18. Racing Gear				
2.18.1. Racing Suit	Must One Piece	Must One Piece	Must (One/ Two Piece)	Must (One/ Two Piece)
2.18.2. Boots	Must	Must	Must	Must
2.18.3. Gloves	Must	Must	Must	Must
2.18.4. Back & Chest Protector	Must	Must	Must	Must
2.18.5. Helmet	Must (Snell, ECE, DOT, JIS, SNI)	Must (Snell, ECE, DOT, JIS, SNI)	Must (Snell, ECE, DOT, JIS, SNI)	Must (Snell, ECE, DOT, JIS, SNI)

**Note :**

1. Must Use Racing Gear ( racing suit, Glove, all protector and racing helmet)
2. Engine No and Frame No must exist
3. Cylinder capacity below 0.49 assumed 0, and over 0.50 assumed 1 cc
4. All bike must have closed breather system to air filter, and also closed oil system



[www.yamaharacingindonesia.co.id](http://www.yamaharacingindonesia.co.id)