

6AYM-WST

H-rating 485kW (659mhp)

YANMAR

MARINE
PROPULSION
DIESEL ENGINE



- 6-cylinder, direct injection, heat exchanger cooling.
- Turbocharger + intercooler.
- 4-valves per cylinder for higher combustion efficiency.
- Available either with marine gear or without marine gear.
- Conform to IMO Tier II emissions regulations.

Specifications

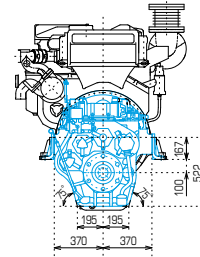
Model	6AYM-WST H-rating		
Number of cylinders	6 in-line		
Bore × stroke	mm	155 × 180	
Displacement	lit.	20.379	
Rated output	kW(hp)/rpm	H : 485(659)/1900	
Combustion system	Direct injection		
Aspiration	Turbocharger + intercooler		
Starting system	Electric starting motor (24V 7.0kW)		
Cooling system	Heat exchanger		
Size of flywheel housing and flywheel	SAE #D and 18 in.		
Dry mass	kg	2365 (without marine gear)	
Dimensions (L×W×H)	mm	2000×1305×1431	

Marine gear specifications

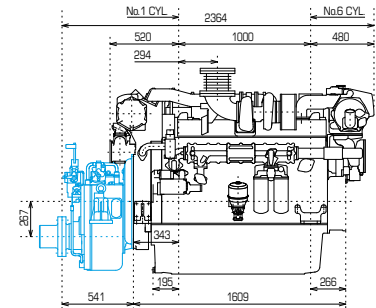
Engine model : 6AYM-WST H-rating				
Model	YX-181	YX-180L	YXH-240L	
Type	Hydraulic multi-disc clutch			
Reduction ratio (Ahead)	2.08 2.55 3.03	3.50 4.00 4.54	4.89 5.36 5.91 6.57 6.95	
Direction of rotation (propeller shaft)	Clockwise or counterclockwise			
Dry weight	kg	560	680	1240

Dimensions Unit:mm

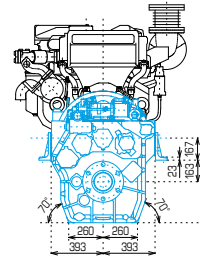
With YX181 gearbox / Rear view



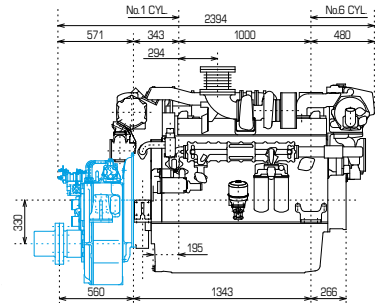
With YX181 gearbox / Right side view



With YX180L gearbox / Rear view



With YX180L gearbox / Right side view



— Marine gear

Performance curves

