

# 6HA2M-WDT

MARINE  
PROPULSION  
DIESEL ENGINE

M-rating 298kW (405mph)



- 4 valves per cylinder for higher combustion efficiency.
- Turbocharger + intercooler models.
- Available either with marine gear or without marine gear.
- Conform to IMO Tier II emissions regulations.

## Specifications

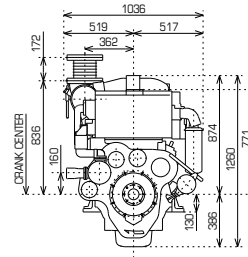
Model	6HA2M-WDT
Number of cylinders	6 in-line
Bore × stroke	mm 130 × 165
Displacement	lit. 13140
Rated output	kW(hp)/rpm M: 298(405)/1950
Combustion system	Direct injection
Aspiration	Turbocharger + intercooler
Starting system	Electric starting motor (24V 6.0kW)
Cooling system	Heat exchanger
Size of flywheel housing and flywheel	SAE #1 and 14 in.
Dry mass (without marine gear)	kg 1465
Dimensions (L×W×H)	mm 1585×1036×1260

## Marine gear specifications

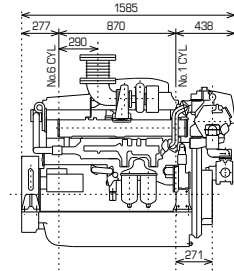
Engine model : 6HA2M-WDT			
Model	YX120	YX120L	
Type	Hydraulic multi-disc clutch		
Reduction ratio (Ahead)	2.03 2.57 3.04	346 4.00 4.59	
Direction of rotation (propeller shaft)	Clockwise or counterclockwise		
Dry weight	kg 315	411	

## Dimensions Unit:mm

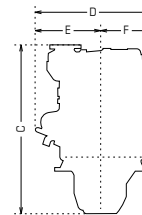
Engine only / Front view



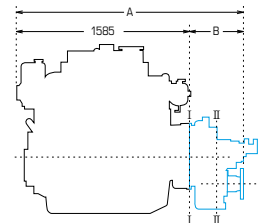
Engine only / Left side view



With YX120 gearbox / Front view



With YX120 gearbox / Left side view



	A	B	C	D	E	F
6HA2M-WDT×YX-120	2005	420	1272	1036	519	517
6HA2M-WDT×YX-120L	2039	454	1384	1036	519	517

— Marine gear

## Performance curves

