

ENGINE DETAILS

Advanced Range Optimization (ARO) and closed-loop fuel control work together to precisely adjust the fuel mixture for optimal fuel economy. For commercial fishing vessels, commercial workboats and law-enforcement boats.

SPECIFICATIONS - 300 CMS

HP / kW	300/224
Engine type	V-8
MidSection	Conventional MidSection
Displacement (CID/CC)	279 CID
Displacement (L)	4.6L
Cylinder Configuration	V-8 [64 degree] with Dual Overhead Cam [DOHC] and 32-valves
Full throttle RPM	4800-5600
Air induction	Performance-Tuned Long-Runner Intake Manifold
Fuel induction system	Electronic Fuel Injection (EFI) Computer Controlled with Advanced Range Optimization
Alternator amp / Watt	85-amp (1071 Watt) with Idle Charge
Recommended fuel	Unleaded Regular 87 Octane Minimum (R+M/2) or 90 RON 10% Ethanol Maximum

Recommended oil	NMMA Certified FCW SAE 25W-40 (Optional 10W-30 for Cold Conditions)
Engine protection operator warning system	SmartCraft Engine Guardian
Compatible with SmartCraft digital technology	Yes
Starting	Electric Start with SmartStart Protection
Controls	Remote Mechanical or Digital Throttle & Shift (DTS)
Steering	Hydraulic (standard) Power (optional)
Shaft length	20" / 508 mm 25" / 635 mm 30" / 762 mm
Gearcase ratio	1.75:1
Dry weight *Lightest model available	527 lbs / 239 kgs
CARB star rating	3
Bore and stroke	3.6 in x 3.4 in / 92 mm x 86 mm

Ignition	SmartCraft PCM 112 Digital Inductive
Cooling system	Water-cooled with thermostat
Gear shift	F-N-R
Gearcase options	5.44"
Trim system	Power trim and tilt
Exhaust system	Through prop
Counter Rotation	Available
Color	Phantom Black
Lubrication system	Integrated wet sump
Oil Capacity	7.0 Quarts / 6.6 Liters
Maximum Trim Range	20° (-6° to 14°)
Maximum Tilt Range	73° (-6° to 67°)

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