



SCANIA MARINE SOLUTION - ENGINE RANGE

Engine Range

Engine type	Propulsion							
	ICFN		IFN					
	Work boat Continuous, Output		Work boat Intermittent, Output		Patrol craft long Intermittent, Output		Patrol craft short Intermittent, Output	
	kW (hp)	r/min	kW (hp)	r/min	kW (hp)	r/min	kW (hp)	r/min
D113M	** 184 (250)	1800	** 331 (450)	2100	** 441 (600) ¹⁾	2300	** 496 (675) ¹⁾	2300
D113M	** 221 (300)	1800	** 368 (500)	2100	** 477 (650)	2300	* 551 (750) ¹⁾	2300
D113M	** 257 (350)	1800	** 405 (550)	2100	* 515 (700) ¹⁾	2300	–	–
D113M	** 294 (400)	1800	** 441 (600)	2100	–	–	–	–
D113M	** 331 (450)	1800	* 441 (600) ¹⁾	2300	–	–	–	–
D113M	** 368 (500)	1800			–	–	–	–
D113M	* 405 (550) ¹⁾	1800			–	–	–	–
D116M	** 405 (550)	1800	** 477 (650)	2100	** 588 (800) ¹⁾	2300	–	–
D116M	** 460 (625)	1800	** 515 (700)	2100	* 625 (850) ¹⁾	2300	** 625 (850) ¹⁾	2300
D116M	** 515 (700)	1800	* 552 (750) ¹⁾	2100	* 662 (900) ^{1) 2)}	2300	** 662 (900) ¹⁾	2300
D116M	* 552 (750) ¹⁾	1800	** 588 (800)	2100	–	–	* 736 (1000) ^{1) 2)}	2300

ICFN/IFN

I = ISO standard (ISO 3046)
C = Continuous power
F = Fuel litre power
N = Net power

¹⁾ Only with heat exchanger

²⁾ Only for water jet

D13 = 12.7 litre inline 6

D16 = 16.4 litre V8

DI = Intercooler Air/Water

Dimensions and Weights (Inches / Pounds)

With heat exchanger				
Engine type	L	W	H	Weight dry
D113M	59	38	42	2,624
D116M	61	49	48	3,682
For keel cooling				
D113M	59	38	42	2,513
D116M	60	49	48	3,527

ICFN continuous service: Rated power available 1 h/1 h. Unlimited h/year service time at a total load factor of 100%.

IFN intermittent service: Intended for intermittent use where rated power is available 1 hour/3 hours period. Accumulated load factor must not exceed 80% of rated power. Unlimited h/year service time.

Patrol craft long: Intended for intermittent use where rated power is available 1 hour/6 hours period. Between full load operations engine rpm must be reduced at least 10% from max obtained rpm. Accumulated total service time max 2000 h/year.

Patrol craft short: Intended for intermittent use where rated power is available 1 hour/12 hours period. Between full load operations engine rpm must be reduced at least 10% from max obtained rpm. Accumulated total service time max 1200 h/year.

* Complies with EU Stage IIIA and IMO Tier II

** Complies with EU Stage IIIA, IMO Tier II and US Tier 3

Engines for Auxiliary

	PRP, Prime Power
	60 Hz (1800 r/min)
Engine type	kW
DI13M **	269
DI13M **	323
DI13M **	376
DI13M **	426
DI16M **	468
DI16M **	511
DI16M **	553

PRP, Prime power: For continuous operation and unlimited yearly operation time at varying load. Max. mean load factor of 70% of rated power over 24 hours of operation. 1 hour/12 hours period of accumulated peak overload to 110%.

DI13 = 12.7 liter inline 6

DI16 = 16.4 liter V8

DI = Intercooler Air/Water

** Complies with EU Stage IIIA (E2 test cycle), IMO Tier II and US Tier 3

Dimensions and Weights (Inches / Pounds)

Engine type	With heat exchanger			
	L	W	H	Weight dry
DI13M	59	38	42	2,624
DI16M	61	49	49	3,682
Engine type	For keel cooling			
	L	W	H	Weight dry
DI13M	59	38	42	2,513
DI16M	60	49	49	3,527

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