



# Technical specifications

Please make your choice and own print-outs from below listing.

With heat exchanger

Engine type	Rating	kW (hp)	rpm	Emission compliance	Click on the links below to open
DI09 070M	ICFN	162 (220)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_162kW.pdf</a>
DI09 070M	ICFN	184 (250)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_184kW.pdf</a>
DI09 070M	ICFN	221 (300)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_221kW.pdf</a>
DI09 070M	ICFN	257 (350)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_257kW.pdf</a>
DI09 072M	IFN	221 (300)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_221kW.pdf</a>
DI09 072M	IFN	257 (350)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_257kW.pdf</a>
DI09 072M	IFN	294 (400)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_294kW.pdf</a>
DI13 070M	ICFN	294 (400)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13070M_294kW.pdf</a>
DI13 070M	ICFN	331 (450)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13070M_331kW.pdf</a>
DI13 070M	ICFN	368 (500)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13070M_368kW.pdf</a>
DI13 070M	ICFN	405 (550)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13070M_405kW.pdf</a>
DI13 072M	IFN	441 (600)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13072M_441kW.pdf</a>
DI13 072M	Patrol craft long	478 (650)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13072M_478kW.pdf</a>
DI13 077M	Patrol craft long	515 (700)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13077M_515kW.pdf</a>
DI13 077M	Patrol craft short	551 (750)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13077M_551kW.pdf</a>
DI13 078M	IFN	331 (450)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13078M_331kW.pdf</a>
DI13 078M	IFN	368 (500)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13078M_368kW.pdf</a>
DI13 078M	IFN	405 (550)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13078M_405kW.pdf</a>
DI13 080M	ICFN	184 (250)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_184kW.pdf</a>
DI13 080M	ICFN	221 (300)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_221kW.pdf</a>
DI13 080M	ICFN	257 (350)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_257kW.pdf</a>
DI13 080M	ICFN	294 (400)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_294kW.pdf</a>
DI13 081M	ICFN	331 (450)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13081M_331kW.pdf</a>
DI13 081M	ICFN	368 (500)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13081M_368kW.pdf</a>
DI13 082M	IFN	331 (450)	2100	US Tier 3, US IMO	<a href="#">DI13082M_331kW.pdf</a>
DI13 082M	IFN	368 (500)	2100	US Tier 3, US IMO	<a href="#">DI13082M_368kW.pdf</a>
DI16 070M	ICFN	405 (550)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16070M_405kW.pdf</a>
DI16 070M	ICFN	460 (625)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16070M_460kW.pdf</a>
DI16 070M	ICFN	515 (700)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16070M_515kW.pdf</a>
DI16 070M	ICFN	552 (750)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16070M_552kW.pdf</a>
DI16 072M	Patrol craft long	588 (800)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16072M_588kW-2300rpm.pdf</a>
DI16 072M	Patrol craft long	625 (850)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16072M_625kW.pdf</a>
DI16 072M	Patrol craft short	662 (900)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16072M_662kW.pdf</a>
DI16 077M*	Patrol craft long	662 (900)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16077M_662kW.pdf</a>
DI16 077M*	Patrol craft short	736 (1000)	2300	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16077M_736kW.pdf</a>
DI16 072M	IFN	478 (650)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16072M_478kW.pdf</a>
DI16 072M	IFN	515 (700)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16072M_515kW.pdf</a>
DI16 072M	IFN	552 (750)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16072M_552kW.pdf</a>
DI16 072M	IFN	588 (800)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16072M_588kW-2100rpm.pdf</a>

\*) Note! Optimized for Water Jet applications. Not intended for conventional propeller use.



# Technical specifications

Please make your choice and own print-outs from below listing.

With heat exchanger

Engine type	Rating	kW (hp)	rpm	Emission compliance	Click on the links below to open
DI16 080M	ICFN	405 (550)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_405kW.pdf</a>
DI16 080M	ICFN	460 (625)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_460kW.pdf</a>
DI16 080M	ICFN	515 (700)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_515kW.pdf</a>
DI16 081M	IFN	478 (650)	2100	US Tier 3, US IMO	<a href="#">DI16081M_478kW.pdf</a>
DI16 081M	IFN	515 (700)	2100	US Tier 3, US IMO	<a href="#">DI16081M_515kW.pdf</a>
DI16 082M	IFN	588 (800)	2100	US Tier 3, US IMO	<a href="#">DI16082M_588kW.pdf</a>

With keel cooling

Engine type	Rating	kW (hp)	rpm	Emission compliance	Click on the links below to open
DI09 070M	ICFN	162 (220)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_162kW.pdf</a>
DI09 070M	ICFN	184 (250)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_184kW.pdf</a>
DI09 070M	ICFN	221 (300)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_221kW.pdf</a>
DI09 070M	ICFN	257 (350)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI09070M_257kW.pdf</a>
DI09 072M	IFN	221 (300)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_221kW.pdf</a>
DI09 072M	IFN	257 (350)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_257kW.pdf</a>
DI09 072M	IFN	294 (400)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI09072M_294kW.pdf</a>
DI13 071M	ICFN	294 (400)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13071M_294kW.pdf</a>
DI13 071M	ICFN	331 (450)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13071M_331kW.pdf</a>
DI13 071M	ICFN	368 (500)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13071M_368kW.pdf</a>
DI13 073M	IFN	331 (450)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13073M_331kW.pdf</a>
DI13 073M	IFN	368 (500)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13073M_368kW.pdf</a>
DI13 073M	IFN	405 (550)	2100	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI13073M_405kW.pdf</a>
DI13 080M	ICFN	184 (250)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_184kW.pdf</a>
DI13 080M	ICFN	221 (300)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_221kW.pdf</a>
DI13 080M	ICFN	257 (350)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_257kW.pdf</a>
DI13 080M	ICFN	294 (400)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13080M_294kW.pdf</a>
DI13 081M	ICFN	331 (450)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13081M_331kW.pdf</a>
DI13 081M	ICFN	368 (500)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI13081M_368kW.pdf</a>
DI13 082M	IFN	331 (450)	2100	US Tier 3, US IMO	<a href="#">DI13082M_331kW.pdf</a>
DI13 082M	IFN	368 (500)	2100	US Tier 3, US IMO	<a href="#">DI13082M_368kW.pdf</a>



# Technical specifications

Please make your choice and own print-outs from below listing.

With keel cooling

Engine type	Rating	kW (hp)	rpm	Emission compliance	Click on the links below to open
DI16 071M	ICFN	405 (550)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16071M_405kW.pdf</a>
DI16 071M	ICFN	460 (625)	1800	IMO Tier II, US Tier 2, EU Stage IIIA	<a href="#">DI16071M_460kW.pdf</a>
DI16 073M	IFN	478 (650)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16073M_478kW.pdf</a>
DI16 073M	IFN	515 (700)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16073M_515kW.pdf</a>
DI16 073M	IFN	552 (750)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16073M_552kW.pdf</a>
DI16 073M	IFN	588 (800)	2100	IMO Tier II, EU Stage IIIA	<a href="#">DI16073M_588kW.pdf</a>
DI16 079M	ICFN	405 (550)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI16079M_405kW.pdf</a>
DI16 079M	ICFN	460 (625)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI16079M_460kW.pdf</a>
DI16 079M	ICFN	515 (700)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI16079M_515kW.pdf</a>
DI16 079M	ICFN	552 (750)	1800	IMO Tier II, EU Stage IIIA	<a href="#">DI16079M_552kW.pdf</a>
DI16 080M	ICFN	405 (550)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_405kW.pdf</a>
DI16 080M	ICFN	460 (625)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_460kW.pdf</a>
DI16 080M	ICFN	515 (700)	1800	US Tier 3, US IMO, CCNR II	<a href="#">DI16080M_515kW.pdf</a>
DI16 081M	IFN	478 (650)	2100	US Tier 3, US IMO	<a href="#">DI16081M_478kW.pdf</a>
DI16 081M	IFN	515 (700)	2100	US Tier 3, US IMO	<a href="#">DI16081M_515kW.pdf</a>
DI16 082M	IFN	588 (800)	2100	US Tier 3, US IMO	<a href="#">DI16082M_588kW.pdf</a>

**ICFN – Continous 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.



**Please make your choice and own print-outs from below listing, the specifications are not kept in stock and can not be ordered by any printed matter routines.**

<b>Propulsion Engine Range (Work boats)</b>				<b>ICFN</b> Continuous service Rated power available 1 h/1 h. Unlimited h/year service time at a total load factor of 100%.		<b>IFN</b> Intended for intermittent use where rated power is avail- able 1 hour/3 hours period. Accumulated load factor must not exceed 80% of rated power. Unlimited h/year ser- vice time.		<b>Click on the links below to open</b>
Engine type	Intercooler	Displ. (litre)	Configuration	kW (hp)	r/min	kW (hp)	r/min	Specification Ref. No.
DI16 42M <sup>2)</sup>	I	15.6	V 8	386 (525)	1800	-	-	<a href="#">DI16 42 M 386 (525) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	386 (525)	1800	-	-	<a href="#">DI16 43 M 386 (525) 2007.03</a>
DI16 42M <sup>2)</sup>	I	15.6	V 8	441 (600)	1800	-	-	<a href="#">DI16 42 M 441 (600) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	441 (600)	1800	-	-	<a href="#">DI16 43 M 441 (600) 2007.03</a>
DI16 42M <sup>2)</sup>	I	15.6	V 8	-	-	423 (575)	2100	<a href="#">DI16 42 M 423 (575) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	-	-	423 (575)	2100	<a href="#">DI16 43 M 423 (575) 2007.03</a>
DI16 42M <sup>2)</sup>	I	15.6	V 8	-	-	478 (650)	2100	<a href="#">DI16 42 M 478 (650) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	-	-	478 (650)	2100	<a href="#">DI16 43 M 478 (650) 2007.03</a>
DI16 52M <sup>3)</sup>	I	15.6	V 8	386 (525)	1800	-	-	<a href="#">DI16 52 M 386 (525) 2007.03</a>
DI16 52M <sup>3)</sup>	I	15.6	V 8	441 (600)	1800	-	-	<a href="#">DI16 52 M 441 (600) 2007.03</a>
DI16 52M <sup>3)</sup>	I	15.6	V 8	469 (638)	1800	-	-	<a href="#">DI16 52 M 469 (638) 2007.03</a>

<b>Propulsion Engine Range (Patrol Craft)</b>				<b>IFN</b>				<b>Click on the links below to open</b>
				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.		
Engine type	Intercooler	Displ. (litre)	Configuration	kW (hp)	r/min	kW (hp)	r/min	Specification Ref. No.
DI16 42M <sup>2)</sup>	I	15.6	V 8	515 (700)	2100	-	-	<a href="#">DI16 42 M 515 (700) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	515 (700)	2100	-	-	<a href="#">DI16 43 M 515 (700) 2007.03</a>
DI16 52M <sup>3)</sup>	I	15.6	V 8	535 (728)	2100	-	-	<a href="#">DI16 52 M 535 (728) 2007.03</a>
DI16 42M <sup>2)</sup>	I	15.6	V 8	550 (750)	2100	-	-	<a href="#">DI16 42 M 550 (750) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	550 (750)	2100	-	-	<a href="#">DI16 43 M 550 (750) 2007.03</a>
DI16 42M <sup>2)</sup>	I	15.6	V 8	-	-	588 (800)	2200	<a href="#">DI16 42 M 588 (800) 2007.03</a>
DI16 43M <sup>1)</sup>	I	15.6	V 8	-	-	588 (800)	2200	<a href="#">DI16 43 M 588 (800) 2007.03</a>
DI16 45M <sup>4)</sup>	I	15.6	V 8	-	-	625 (850)	2300	<a href="#">DI16 45 M 625 (850)</a>
DI16 45M <sup>5) 6)</sup>	I	15.6	V 8	-	-	662 (900) <sup>6)</sup>	2300	<a href="#">DI16 45 M 662 (900)</a>

**Intercooler: I = Air/Water**

**I = ISO Standard (ISO 3046), C = Continuous power, F = Fuel stop power, N = Net power**

- 1) Complies with IMO emission regulation levels
- 2) Complies with US Tier 2, EU Stage IIIA and IMO emission regulation levels
- 3) Complies with CCNR Stage II, EU Stage IIIA and IMO emission regulation levels
- 4) Complies with EU Stage IIIA and IMO emission regulation levels
- 5) Complies with Recreational Craft Directive, RCD.
- 6) Rating: Pleasure

All specifications are subject to change without notice

**Note!**

The engines in this document are listed with their intended emission compliance, indicating that the engines fulfil the emission regulation level specified, but it does not imply that all engines are approved and certified at time of production of these documents. For detailed information about approved and certified engines, access SAIL or contact your local Scania distributor.