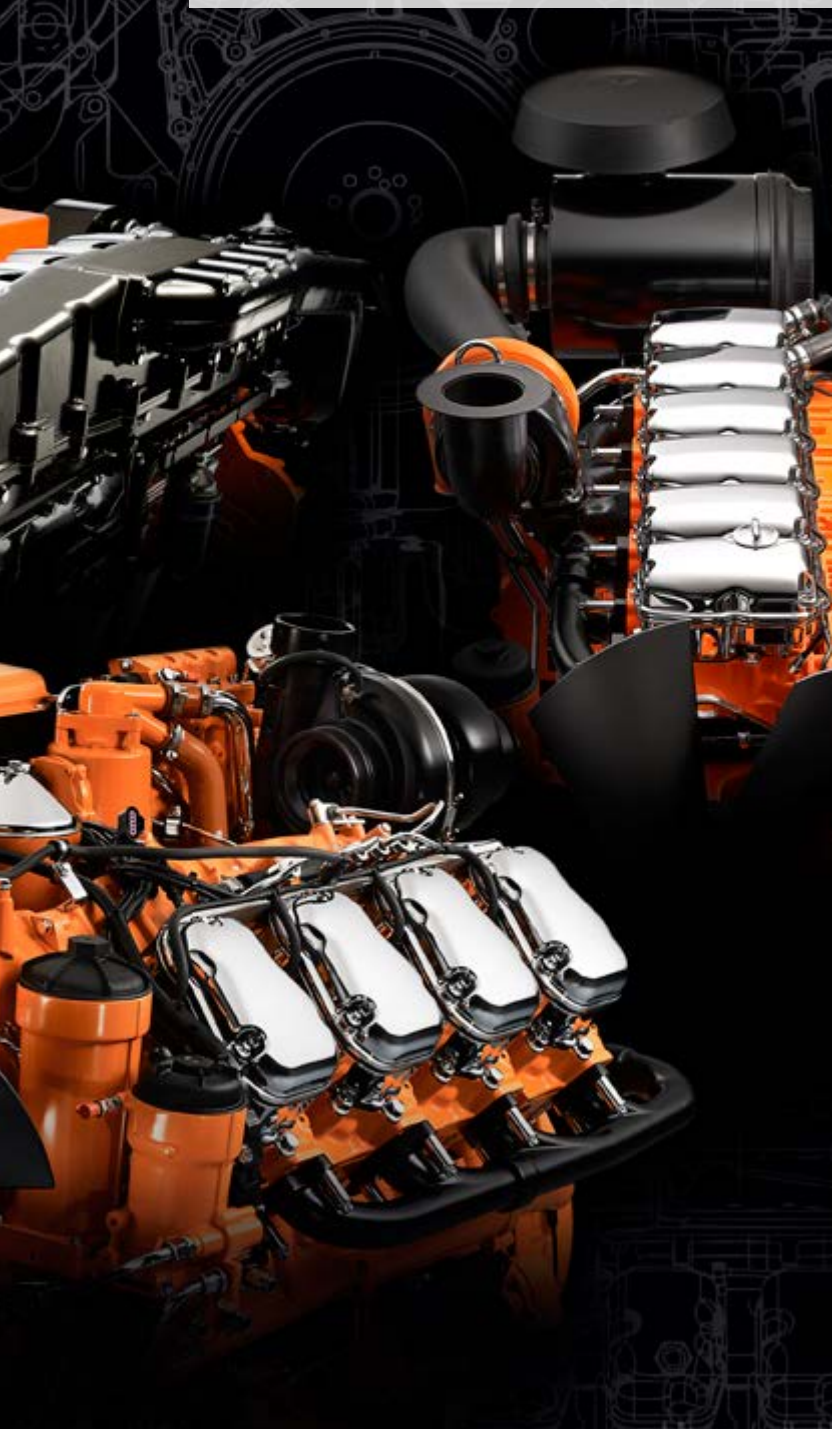


SCANIA ENGINE RANGE

Engines for marine, industrial and power generation applications



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Powered by Scania.

Wherever there are considerable demands on uptime, dependability and total economy, an engine from Scania is the obvious choice. Scania manufactures about 70,000 engines a year for trucks, buses and industrial and marine installations. This production volume can easily be converted into tangible customer benefits. Experience, competence and quality are some of the foremost benefits. Proximity to service and rapid access to parts are others. "Powered by Scania" certainly makes a major contribution to high total quality – irrespective of the application.



Engine data 9-series, E2011

Marine propulsion engines

EU Stage IIIA and IMO Tier II compliant engines

Engines with heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DI09 070M	162	220	–	–
DI09 070M	184	250	–	–
DI09 070M	221	300	–	–
DI09 070M	257	350	–	–
DI09 072M	–	–	221	300
DI09 072M	–	–	257	350
DI09 072M	–	–	294	400

Dimensions and weights of marine propulsion 9-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI09 070/072M with heat exchanger	1419 (55,9)	975 (38,4)	1148 (45,2)	approx. 1150 (2535)
DI09 070/072M with keel cooling double circuit	1419 (55,9)	977 (38,5)	1148 (45,2)	approx. 1044 (2302)

** Excl. oil and coolant

Marine auxiliary engines

EU Stage IIIA* and IMO Tier II compliant engines

Engines with heat exchanger / with keel cooling / without heat exchanger and water-cooled CAC (emergency/harbor)

Engine type	1500 rpm (50 Hz)	1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI09 074M	199	199
DI09 074M	217	217
DI09 074M	269	269
DI09 074M	269	323

* EU Stage IIIA only applies for propulsion engines with E2 test cycle.

Dimensions and weights of marine auxiliary 9-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI09 074M with heat exchanger	1419 (55,9)	975 (38,4)	1148 (45,2)	approx. 1150 (2535)
DI09 074M with keel cooling double circuit	1419 (55,9)	977 (38,5)	1148 (45,2)	approx. 1044 (2302)
DI09 074M without heat exchanger and water-cooled CAC (emergency/harbor)	1426 (56,1)	979 (38,5)	1153 (45,4)	approx. 1032 (2275)

** Excl. oil and coolant

Engine data 13-series, E2011

Marine propulsion engines

EU Stage IIIA, US Tier 2 and IMO Tier II compliant engines

Engines with heat exchanger

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 070M	294	400	-	-	-	-	-	-
DI13 070M	331	450	-	-	-	-	-	-
DI13 070M	368	500	-	-	-	-	-	-
DI13 070M	405	550	-	-	-	-	-	-
DI13 078M	-	-	331	450	-	-	-	-
DI13 078M	-	-	368	500	-	-	-	-
DI13 078M	-	-	405	550	-	-	-	-
DI13 072M	-	-	441*	600*	-	-	-	-
DI13 072M	-	-	-	-	478	650	-	-
DI13 077M	-	-	-	-	515	700	-	-
DI13 077M	-	-	-	-	-	-	551	750

* 2300 rpm

Engines with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 071M	294	400	-	-	-	-	-	-
DI13 071M	331	450	-	-	-	-	-	-
DI13 071M	368	500	-	-	-	-	-	-
DI13 073M	-	-	331	450	-	-	-	-
DI13 073M	-	-	368	500	-	-	-	-
DI13 073M	-	-	405	550	-	-	-	-

US Tier 3, US IMO, IMO Tier II and CCNR II compliant engines

Engines with heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 080M	184	250	-	-	-	-	-	-
DI13 080M	221	300	-	-	-	-	-	-
DI13 080M	257	350	-	-	-	-	-	-
DI13 080M	294	400	-	-	-	-	-	-
DI13 081M	331	450	-	-	-	-	-	-
DI13 081M	368	500	-	-	-	-	-	-



Engine data 13-series, E2011

Marine propulsion engines

US Tier 3, US IMO and IMO Tier II compliant engines

Engines with heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 082M	–	–	331	450	–	–	–	–
DI13 082M	–	–	368	500	–	–	–	–
DI13 083M	–	–	405	550	–	–	–	–
DI13 083M	–	–	441	600	–	–	–	–
DI13 085M	–	–	–	–	478	650	–	–
DI13 086M	–	–	–	–	441*	600*	–	–
DI13 086M	–	–	–	–	–	–	496*	675*

* Only available with heat exchanger

IMO Tier II compliant engines

With keel cooling, double circuit

Engine type	ICFN 1600 rpm		ICFN 1800 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 080M	–	–	162	220	–	–	–	–
DI13 080M	221	300	–	–	–	–	–	–
DI13 080M	–	–	249	338	–	–	–	–
DI13 081M	–	–	162	220	–	–	–	–

With heat exchanger

Engine type	ICFN 1600 rpm		ICFN 1800 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI13 080M	–	–	162	220	–	–	–	–
DI13 080M	221	300	–	–	–	–	–	–
DI13 080M	–	–	249	338	–	–	–	–
DI13 081M	–	–	162	220	–	–	–	–

Dimensions and weights of marine propulsion 13-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI13 070/078/080/081/082M with heat exchanger	1503 (59,2)	974 (38,4)	1174 (46,2)	approx. 1285 (2833)
DI13 072M with heat exchanger	1536 (60,5)	974 (38,4)	1173 (46,2)	approx. 1285 (2833)
DI13 077M with heat exchanger	1536 (60,5)	974 (38,4)	1227 (48,3)	approx. 1285 (2833)
DI13 080/081/082M with keel cooling, double circuit	1503 (59,2)	977 (38,5)	1174 (46,2)	approx. 1180 (2602)
DI13 071/073M with keel cooling, single circuit	1503 (59,2)	956 (37,6)	1174 (46,2)	approx. 1180 (2602)

** Excl. oil and coolant

Engine data 13-series, E2011

Marine auxiliary engines

EU Stage IIIA*, US Tier 2 and IMO Tier II compliant engines

Engines with heat exchanger / with keel cooling / without heat exchanger and water-cooled CAC (emergency/harbor)

Engine type	1500 rpm (50 Hz)	1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI13 074/075M	323	376
DI13 074/075M	376	426
DI13 074/075M	426	426

* EU Stage IIIA only applies for propulsion engines with E2 test cycle.

US Tier 3 and US IMO compliant engines

Engines with heat exchanger / with keel cooling

Engine type	1800 rpm (60 Hz)
	PRP
	kW
DI13 084M	269
DI13 084M	323
DI13 084M	376
DI13 084M	426

Dimensions and weights of marine auxiliary 13-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI13 074/084M with heat exchanger	1503 (59,2)	974 (38,4)	1174 (46,2)	approx. 1285 (2833)
DI13 084M with keel cooling, double circuit	1503 (59,2)	977 (38,5)	1174 (46,2)	approx. 1180 (2602)
DI13 075M with keel cooling, single circuit	1503 (59,2)	956 (37,6)	1174 (46,2)	approx. 1180 (2602)
DI13 075M without heat exchanger and water-cooled CAC (emergency/harbor)	1510 (59,5)	937 (36,9)	1170 (46,1)	approx. 1123 (2476)

** Excl. oil and coolant



Engine data 16-series, E2011

Marine propulsion engines

EU Stage IIIA, US Tier 2 and IMO Tier II compliant engines

Engines with heat exchanger

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 070M	405	550	-	-	-	-	-	-
DI16 070M	460	626	-	-	-	-	-	-
DI16 070M	515	700	-	-	-	-	-	-
DI16 070M	552	750	-	-	-	-	-	-
DI16 072M	-	-	-	-	588	800	-	-
DI16 072M	-	-	-	-	625	850	-	-
DI16 072M	-	-	-	-	662	900	662	900
DI16 077M	-	-	-	-	662*	900*	-	-
DI16 077M	-	-	-	-	-	-	736*	1000*

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

Engines with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 071M	405	550	-	-	-	-	-	-
DI16 071M	460	625	-	-	-	-	-	-

EU Stage IIIA and IMO Tier II compliant engines

Engines with heat exchanger

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 072M	-	-	478	650	-	-	-	-
DI16 072M	-	-	515	700	-	-	-	-
DI16 072M	-	-	552	750	-	-	-	-
DI16 072M	-	-	588	800	-	-	-	-

Engines with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 073M	-	-	478	650	-	-	-	-
DI16 073M	-	-	515	700	-	-	-	-
DI16 073M	-	-	552	750	-	-	-	-
DI16 073M	-	-	588	800	-	-	-	-
DI16 079M	405	550	-	-	-	-	-	-
DI16 079M	460	625	-	-	-	-	-	-
DI16 079M	515	700	-	-	-	-	-	-
DI16 079M	552	750	-	-	-	-	-	-

Engine data 16-series, E2011

Marine propulsion engines

US Tier 3, US IMO and CCNR II compliant engines

With heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 080M	405	550	-	-	-	-	-	-
DI16 080M	460	625	-	-	-	-	-	-
DI16 080M	515	700	-	-	-	-	-	-

US Tier 3 and US IMO compliant engines

With heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 081M	-	-	477	650	-	-	-	-
DI16 081M	-	-	515	700	-	-	-	-
DI16 082M	-	-	588	800	-	-	-	-
DI16 083M	-	-	-	-	588*	800*	-	-
DI16 083M	-	-	-	-	-	-	625*	850*
DI16 083M	-	-	-	-	-	-	662*	900*

* Only available with heat exchanger

IMO Tier II compliant engines

With heat exchanger / with keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2300 rpm		Patrol Craft Short 2300 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 080M	221	300	-	-	-	-	-	-
DI16 080M	257	350	-	-	-	-	-	-
DI16 080M	294	400	-	-	-	-	-	-
DI16 080M	331	450	-	-	-	-	-	-

Dimensions and weights of marine propulsion 16-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI16 070/072/077/080/081/082M with heat exchanger	1551 (61,1)	1251 (49,3)	1214 (47,8)	approx.1670 (3682)
DI16 071M with keel cooling, single circuit	1533 (60,1)	1251 (49,3)	1214 (47,8)	approx.1600 (3527)
DI16 073/079/080/081/082M with keel cooling, double circuit	1577 (62,1)	1251 (49,3)	1214 (47,8)	approx.1600 (3527)

** Excl. oil and coolant



Engine data 16-series, E2011

Marine auxiliary engines

EU Stage IIIA*, US Tier 2 and IMO Tier II compliant engines

Engines with heat exchanger / with keel cooling

Engine type	1500 rpm (50 Hz)	1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI16 074/075M	430	468
DI16 074/075M	450	511
DI16 074/075M	480	553
DI16 074/075M	511	596

* EU Stage IIIA only applies for propulsion engines with E2 test cycle.

US Tier 3 and US IMO compliant engines

With heat exchanger / with keel cooling

Engine type	PRP, 1800 rpm (60 Hz)
	kW
DI16 084M	468
DI16 085M	522
DI16 085M	553

Dimensions and weights of marine auxiliary 16-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI16 074/084/085M with heat exchanger	1551 (61,1)	1251 (49,3)	1214 (47,8)	approx.1670 (3682)
DI16 075/084/085M with keel cooling, double circuit	1577 (62,1)	1251 (49,3)	1214 (47,8)	approx.1600 (3527)

** Excl. oil and coolant

Engine data 16-series, P96

Marine propulsion engines

IMO compliant engines

With keel cooling

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2100 rpm		Patrol Craft Short 2200 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 43M	386	525	–	–	–	–	–	–
DI16 43M	441	600	–	–	–	–	–	–
DI16 43M	–	–	423	575	–	–	–	–
DI16 43M	–	–	478	650	–	–	–	–

With heat exchanger

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2100 rpm		Patrol Craft Short 2200 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 43M	386	525	–	–	–	–	–	–
DI16 43M	441	600	–	–	–	–	–	–
DI16 43M	–	–	423	575	–	–	–	–
DI16 43M	–	–	478	650	–	–	–	–
DI16 43M	–	–	–	–	515	700	–	–
DI16 43M	–	–	–	–	550	750	–	–
DI16 43M	–	–	–	–	–	–	588	800

US Tier 2, EU Stage IIIA* and IMO compliant engines

With keel cooling (Available with the DNV CLEAN DESIGN notation)

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2100 rpm		Patrol Craft Short 2200 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 42M	386	525	–	–	–	–	–	–
DI16 42M	441	600	–	–	–	–	–	–
DI16 42M	–	–	423	575	–	–	–	–
DI16 42M	–	–	478	650	–	–	–	–

* EU Stage IIIA only applies for propulsion engines with E3 or E2 test cycle.

US Tier 2, EU Stage IIIA* and IMO compliant engines

With heat exchanger (Available with the DNV CLEAN DESIGN notation)

Engine type	ICFN 1800 rpm		IFN 2100 rpm		Patrol Craft Long 2100 rpm		Patrol Craft Short 2200 rpm	
	kW	hp	kW	hp	kW	hp	kW	hp
DI16 42M	386	525	–	–	–	–	–	–
DI16 42M	441	600	–	–	–	–	–	–
DI16 42M	–	–	423	575	–	–	–	–
DI16 42M	–	–	478	650	–	–	–	–
DI16 42M	–	–	–	–	515	700	–	–
DI16 42M	–	–	–	–	550	750	–	–
DI16 42M	–	–	–	–	–	–	588	800

* EU Stage IIIA only applies for propulsion engines with E3 or E2 test cycle.



Engine data 16-series, P96

Marine propulsion engines

CCNR Stage II, EU Stage IIIA* and IMO compliant engines

With heat exchanger / With keel cooling (Available with the DNV CLEAN DESIGN notation)

Engine type	ICFN 1800 rpm		Patrol Craft Long 2100 rpm	
	kW	hp	kW	hp
DI16 52M	386	525	–	–
DI16 52M	441	600	–	–
DI16 52M	469	638	–	–
DI16 52M	–	–	535	728

* EU Stage IIIA only applies for propulsion engines with E3 or E2 test cycle.

EU Stage IIIA* and IMO Tier II compliant engines

With heat exchanger

Engine type	Patrol Craft Short 2300 r/min	
	kW	hp
DI16 45M	625	850

* EU Stage IIIA only applies for propulsion engines with E3 or E2 test cycle.

Recreational Craft Directive (RCD) compliant engines

With heat exchanger

Engine type	Pleasure 2300 r/min	
	kW	hp
DI16 45M	662	900

Dimensions and weights of marine propulsion 16-liters engines, P96

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI16 with keel cooling	1259 (49,6)	1172 (46,1)	1198 (47,2)	approx.1495 (3296)
DI16 with heat exchanger	1259 (49,6)	1172 (46,1)	1198 (47,2)	approx.1590 (3505)
DI16 45M with heat exchanger	1324 (52,1)	1255 (49,4)	1198 (47,2)	1590 (3505)

** Excl. oil and coolant

Engine data 16-series, P96

Marine auxiliary engines

IMO compliant engines

With heat exchanger / With keel cooling

Engine type	PRP 1500 rpm (50 Hz)	PRP 1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI16 44M	366	–
DI16 44M	426	–
DI16 49M	450	–
DI16 44M	–	405
DI16 44M	–	469
DI16 49M	–	500

US Tier 2, EU Stage IIIA* and IMO compliant engines

With keel cooling

Engine type	PRP 1500 rpm (50 Hz)	PRP 1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI16 55M	366	–
DI16 55M	426	–
DI16 55M	450	–
DI16 55M**	366	405
DI16 55M**	426	469
DI16 55M**	450	500
DI16 55M**	450	532

With heat exchanger

Engine type	PRP 1500 rpm (50 Hz)	PRP 1800 rpm (60 Hz)
	PRP	PRP
	kW	kW
DI16 55M	366	–
DI16 55M	426	–
DI16 55M	450	–
DI16 55M**	366	405
DI16 55M**	426	469
DI16 55M**	450	500
DI16 55M**	450	532

* EU Stage IIIA only applies for propulsion engines with E3 or E2 test cycle.

** Available with the DNV CLEAN DESIGN notation.

Dimensions and weights of marine auxiliary 16-liters engines, P96

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DI16 with keel cooling	1259 (49,6)	1172 (46,1)	1198 (47,2)	approx.1495 (3296)
DI16 with heat exchanger	1259 (49,6)	1172 (46,1)	1198 (47,2)	approx.1590 (3505)

** Excl. oil and coolant



SCANIA INDUSTRIAL ENGINE RANGE



Engine data 9-series, E2011

EU Stage IV and US Tier 4f compliant engines*

Engine type	ICFN 1800 rpm		ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp	kW	hp
DC09 084/384A	–	–	202	275	–	–
DC09 085/385A	–	–	232	315	–	–
DC09 085/385A	–	–	243	330	–	–
DC09 085/385A	–	–	257	350	–	–
DC09 086/386A	–	–	–	–	276	375
DC09 086/386A	–	–	–	–	294	400
DC09 087/387A	202	275	–	–	–	–
DC09 089/389A	202	275	–	–	–	–
DC09 089/389A	237	322	–	–	–	–

* Engine types starting with 3 (i.e. DC09 386A) are compliant with EU Stage IV.
Engine types starting with 0 (i.e. DC09 086A) are compliant with EU Stage IV and US Tier4f.

EU Stage IIIB and US Tier 4i compliant engines

Engine type	ICFN 1800 rpm		ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp	kW	hp
DC09 078/080A	–	–	202	275	–	–
DC09 078/080A	202	275	–	–	–	–
DC09 077/083A	–	–	232	315	–	–
DC09 077/083A	–	–	243	330	–	–
DC09 077/083A	–	–	257	350	–	–
DC09 077/083A	–	–	–	–	276	375
DC09 077/083A	–	–	–	–	294	400

EU Stage IIIA and China Phase II compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC09 076A	202	275	–	–
DC09 076A	232	315	–	–
DC09 076A	–	–	243	330
DC09 076A	–	–	257	350

EU Stage II, China Phase II and Russia Stage I compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC09 074A	202	275	–	–
DC09 074A	232	315	–	–
DC09 074A	243	330	–	–
DC09 074A	257	350	–	–
DC09 074A	–	–	276	375
DC09 074A	–	–	294	400

Dimensions and weights of industrial 9-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC09 084/085/086/087/089A	1234 (48,6)	982 (38,7)	1107 (43,6)	approx. 975 (2441)
DC09 077/078/080/083A	1242 (48,9)	874 (34,4)	1111 (43,7)	approx. 950 (2449)
DC09 074/076A	1242 (48,9)	842 (33,1)	1119 (44,1)	approx. 950 (2467)

** Excl. oil and coolant



Engine data 13-series, E2011

EU Stage IV and US Tier 4f compliant engines

Engine type	ICFN 1800 rpm		ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp	kW	hp
DC13 084/384A	–	–	294	400	–	–
DC13 084/384A	–	–	331	450	–	–
DC13 085/385A	–	–	–	–	368	500
DC13 085/385A	–	–	–	–	405*	550*
DC13 087/387A	257	350	–	–	–	–
DC13 087/387A	283	385	–	–	–	–
DC13 087/387A	–	–	257	350	–	–
DC13 089/389A	257	350	–	–	–	–
DC13 089/389A	283	385	–	–	–	–

* 1900 rpm

EU Stage IIIB and US Tier 4i compliant engines

Engine type	ICFN 1800 rpm		ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp	kW	hp
DC13 077/083A	–	–	294	400	–	–
DC13 077/083A	–	–	331	450	–	–
DC13 077/083A	–	–	–	–	368	500
DC13 077/083A	–	–	–	–	405	550
DC13 078/080A	264	360	–	–	–	–
DC13 081A*	–	–	–	–	–	–
DC13 081/082A	283	385	–	–	–	–

* Only as EU Stage IIIB compliant.

EU Stage IIIA and China Phase II compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC13 076A	257	350	–	–
DC13 076A	294	400	–	–
DC13 076A	–	–	331	450

EU Stage II, China Phase II and Russian Stage I compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC13 074A	257	350	–	–
DC13 074A	294	400	–	–
DC13 074A	331	450	–	–
DC13 074A	–	–	368	500

Dimensions and weights of industrial 13-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC13 084/085/087/089A	1398 (55)	955 (37,6)	1119 (44,1)	approx. 1075 (2467)
DC13 077/078/080/081/082/083A	1406 (55,4)	889 (35)	1101 (43,4)	approx. 1050 (2427)
DC13 074/076/091A	1406 (46,5)	861 (33,9)	1113 (43,8)	approx. 1050 (2454)

** Excl. oil and coolant

Engine data 16-series, E2011

EU Stage IV and US Tier 4f compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC16 084/384A	405	550	–	–
DC16 084/384A	478	650	–	–
DC16 084/384A	–	–	493	670
DC16 085A */**	–	–	566	770

* Complies with US emission regulation for engines >560 kW. DC16 085A is an all-speed engine. For the emission certificate to be valid, it must not be used in generator set.

** Note! A Scania engine that is certified in a regulatory power category greater than 560 kW may under no circumstances be permanently constrained to a maximum level below 560 kW.

EU Stage IIIB and US Tier 4i compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC16 077/083A	405	550	–	–
DC16 077/083A	478	650	–	–
DC16 077/083A	–	–	515	700

EU Stage II, China Phase II and Russia Stage I compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC16 074A	405	550	–	–
DC16 074A	478	650	–	–
DC16 074A	–	–	515	700

China Phase II and India Bharat Stage III compliant engines

Engine type	ICFN 1900 rpm		IFN 1900 rpm	
	kW	hp	kW	hp
DC16 076A	368	500	–	–
DC16 076A	–	–	405	550
DC16 076A	–	–	425	578

Fuel optimized, non-compliant engines

Engine type	ICFN 2100 rpm		IFN 2100 rpm	
	kW	hp	kW	hp
DC16 086A	–	–	566	770

Dimensions and weights of industrial 16-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC16 084A	1410 (55,5)	1199 (47,2)	1289 (50,8)	approx. 1375 (3031)
DC16 074/076A	1345 (53)	1180 (46,5)	1215 (47,8)	approx. 1340 (2954)
DC16 077/083/085/086A	1351 (53,2)	1180 (46,5)	1215 (47,8)	approx. 1340 (2954)

** Excl. oil and coolant



SCANIA POWER GENERATION ENGINE RANGE



Engine data 9-series, E2011

Engine programme

EU Stage IIIA compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC09 071A	226	253	–	–	251	278	–	–
DC09 071A	248	279	–	–	273	306	–	–
DC09 071A	267	304	–	–	292	328	–	–
DC09 071A	289	329	–	–	313	353	–	–

EU Stage II, China Phase II and CPCB-I* compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC09 073A	226	253	249	280	251	278	276	309
DC09 073A	248	279	273	310	273	303	300	338
DC09 073A	267	304	294	335	292	328	321	361
DC09 073A	289	329	317	361	325	366	358	405

* Mass Emission & Smoke Norms for Genset Diesel Engine, up to 800 kW (for India).

Fuel optimized, non-compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC09 072A	226	253	249	280	251	278	276	309
DC09 072A	248	279	273	310	273	306	300	338
DC09 072A	267	304	294	335	292	328	321	361
DC09 072A	289	329	317	361	325	366	358	405

Dimensions and weights of power generation 9-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC09 071A	1242 (48,9)	906 (35,7)	1285 (50,6)	approx. 950 (2094)
DC09 072A	1242 (48,9)	861 (33,4)	1292 (50,9)	approx. 950 (2094)
DC09 073A	1242 (48,9)	861 (33,4)	1292 (50,9)	approx. 950 (2094)

** Excl. oil and coolant

Engine data 13-series, E2011

Engine programme

EU Stage IIIA compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC13 071A	325	366	–	–	371	411	–	–
DC13 071A	364	411	–	–	371	411	–	–

EU Stage II, China Phase II and CPCB-I* compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC13 073A	326	373	356	408	372	421	406	460
DC13 073A	365	413	403	456	410	456	449	508
DC13 073A	403	456	438	503	445	503	487	553
DC13 073A	438	503	480	553	445	503	487	553

* Mass Emission & Smoke Norms for Genset Diesel Engine, up to 800 kW (for India).

Fuel optimized, non-compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC13 072A	326	373	356	408	372	421	406	460
DC13 072A	365	413	403	456	410	456	449	508
DC13 072A	403	456	438	503	445	503	487	553
DC13 072A	438	503	480	553	445	503	487	553
DC13 072A*	–	–	356	408	–	–	415	471

* Note! Engine only available in the Scania Latin American market.

Dimensions and weights of power generation 13-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC13 071A	1406 (55,4)	907 (35,7)	1209 (47,6)	approx. 1050 (2315)
DC13 072A	1406 (55,4)	860 (33,9)	1221 (48,1)	approx. 1050 (2315)
DC13 073A	1406 (55,4)	860 (33,9)	1221 (48,1)	approx. 1050 (2315)

** Excl. oil and coolant

Engine data 16-series, E2011

Engine programme

EU Stage IIIA compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC16 071A	438	500	–	–	483	540	–	–
DC16 071A	480	549	–	–	483	540	–	–

Fuel optimized, non-compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC16 072A	536	601	587	661	576	650	632	715
DC16 072A	578	651	634	716	619	700	678	770
DC16 072A	621	701	680	771	642	728	704	800
DC16 078A	536	600	587	660	534	600	585	660
DC16 078A	578	650	634	715	576	650	632	715
DC16 078A	621	700	680	770	620	702	680	772

DC16 072A is optimized for 60 Hz and DC16 078A for 50 Hz.

Dimensions and weights of power generation 16-liters engines, E2011

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC16 071A	1516 (59,7) with fan	1211 (47,7)	1288 (50,7)	approx. 1340 (2954)
DC16 072/078A	1409 (55,5)	1182 (46,5)	1207 (47,5)	approx. 1340 (2954)

** Excl. oil and coolant

Engine data 16-series, P96

Engine programme

EU Stage II, US Tier 2 and CPCB-I* compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC16 44A	481	550	–	–	481	551	–	–
DC16 45A	–	–	523	599	–	–	523	600
DC16 45A	400	450	439	500	399	450	438	500
DC16 45A	439	500	481	550	438	500	480	550

* Mass Emission & Smoke Norms for Genset Diesel Engine up to 800 kW (for India).

Fuel optimized, non-compliant engines

Engine type	1500 rpm (50 Hz)				1800 rpm (60 Hz)			
	PRP		ESP		PRP		ESP	
	kW	kVA	kW	kVA	kW	kVA	kW	kVA
DC16 43A	400	450	439	500	399	450	438	500
DC16 43A	439	500	481	550	438	500	480	550
DC16 44A	–	–	545	625	–	–	545	626
DC16 49A	483	553	531	609	531	600	584	673
DC16 49A	483	553	531	609	561	636	617	711

Dimensions and weights of power generation 16-liters engines, P96

Engine type	L mm (in)	W mm (in)	H mm (in)	Weight** kg (lb)
DC16	1428 (56,2) with fan	1072 (42,2)	1248 (49,1)	approx. 1290 (2844)

** Excl. oil and coolant

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