



Engines for Power Generation

No Compromises

Agenda

- 1 Land application, Stage 2 compliant**
- 2 Marine application, Stage 2 compliant
- 3 Land application, non certified

Land application, Stage 2 compliant

		Prime Power	Standby power
Engine type		kW @1500 rpm	kW @1500 rpm
49 DTG	8330 76090	74	81
49 DTAG	8330 76091	95	103
49 CTAG-4V	8346 61991	116	128
74 DTAG	8328 76092	146	160
74 CTAG-4V	8350 61990	182	200
84 CTAG-4V	8352 61989	250	275
98 CTAG-4V	8354 76xxx	300 (tbc)	330 (tbc)

Land application, Stage 2 compliant

	49 DTG 8330 76090	49 DTAG 8330 76091	49 CTAG-4V 8346 61991	74 DTAG 8328 76092	74 CTAG-4V 8350 61990	84 CTAG-4V 8352 61989	98 CTAG-4V 8354 76xxxx
Flywheel housing	SAE 3 8366 47440	SAE 3 8366 47440	SAE 3 8366 47440	SAE 3 8366 47440	SAE 2 8366 47442	SAE 1 8366 47442	SAE 1 8366 47442
Flywheel	8366 55066	8366 55066	8366 55066	8366 55066	8353 28666	8368 59485	8368 59485
Electrics 12V * starter * alternator 95 A	8366 73289 8366 66720	8366 73289 8366 66720	8366 73289 8366 66720	8368 73290 8366 66720	8368 73290 8366 66720	8368 73290 8366 66720	8368 73290 8366 66720
Oil sump	8361 29147	8361 29147	8361 29147	8363 47308	8363 47308	8363 47308	836x xxxxx
Exhaust manifold	8367 64318	8367 64318	8367 64318	8368 67065	8368 67065	8368 67065	8368 67065
Turbo position	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front
Front brackets	8366 47839	8366 47839	8366 47839	8363 24441	8363 24441	8363 38946	8363 38946
Fan ratio	1:1,48	1:1,48	1:1,48	1:1,20	1:1,20	1:1,00	1:1,00

Land application, Stage 2 compliant

	49 DTG	49 DTAG	74 DTAG	49 CTAG-4V	74 CTAG-4V	84 CTAG-4V	98 CTAG-4V
Cylinders	4	4	6	4	6	6	7
Valves per cyl	2	2	2	4	4	4	4
Bore / mm	108	108	108	108	108	111	111
Stroke / mm	134	134	134	134	134	145	145
Displacement / l	4,9	4,9	7,4	4,9	7,4	8,4	9,8
Cylinder liners	Wet, replaceable with mid support						
Charge cooling	---	Air to air					
Fuel inj system	Mechanical DB4			Bosch common rail with SisuTronic EEM 3			
Speed droop	4 %						
Weight / kg	430	430	600	600	655	750	tbc
Length / mm	900	900	1210	1210	1185	1275	tbc
Height / mm	890	890	1115	1115	1000	1040	tbc
Width / mm	620	620	660	660	660	680	tbc

Agenda

- 1 Land application, Stage 2 compliant
- 2 Marine application, Stage 2 compliant**
- 3 Land application, non certified

Marine application, Stage 2 compliant

Engine type	Prime power		Standby power	
	kW @1500 rpm	kW @1800 rpm	kW @1500 rpm	kW @1800 rpm
49 DTG 8330 76145 - 1500 rpm	74	na	81	na
49 DTAG 8330 76146 - 1500 rpm	95	na	103	na
49 CTAG-4V 8346 61963 - 1500 rpm 8346 76057 - 1800 rpm	98 - 116	108 - 128	108 - 128	143
74 DTAG 8328 76233 - 1500 rpm	146	na	160	na
74 CTAG-4V 8350 61876 - 1500 rpm 8350 76056 - 1800 rpm	165 - 182	175 - 200	181 - 200	220
84 CTAG-4V 8352 61902 - 1500 rpm 8352 76055 - 1800 rpm	215 - 250	250	235 - 275	275

Marine application, Stage 2 compliant

	49 DTG	49 DTAG	49 CTAG-4V	74 DTAG	74 CTAG-4V	84 CTAG-4V
1500 rpm 1800 rpm	8330 76145	8330 76146	8346 61963 8346 76057	8328 76233	8350 61867 8350 76056	8352 61902 8352 76055
Flywheel housing	SAE 2 8366 47442	SAE 2 8366 47442	SAE 2 8366 47442	SAE 1 8363 52143	SAE 1 8363 52143	SAE 1 8363 52143
Flywheel	8353 28666	8353 28666	8353 28666	8363 59393	8363 59393	8368 59998
Electrics 24V-2 pole	8366 64355	8366 64355	8366 64355	8366 64355	8366 64355	8366 64355
* starter	8366 66722	8366 66722	8366 66722	8366 66722	8366 66722	8366 66722
* alternator 60 A						
Oil sump	8361 29147	8361 29147	8361 29147	8363 47308	8363 47308	8363 47308
Exhaust manifold * 1800 rpm	8367 64318	8367 64318	8367 64318	8368 67065	8368 67065	8368 67065 8368 73000
Turbo position	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front
Front brackets	8366 47839	8366 47839	8366 47839	8363 24441	8363 24441	8363 38946
Fan ratio	1:1,48	1:1,48	1:1,48	1:1,20	1:1,20	1:1,00

Marine application, Stage 2 compliant

	49 DTG		49 DTAG		74 DTAG		49 CTAG-4V		74 CTAG-4V		84 CTAG-4V	
Cylinders	4		4		6		4		6		6	
Valves per cyl	2		2		2		4		4		4	
Bore / mm	108		108		108		108		108		111	
Stroke / mm	134		134		134		134		134		145	
Displacement / l	4,9		4,9		7,4		4,9		7,4		8,4	
Cylinder liners	Wet, replaceable with mid support											
Charge cooling	---		Air to air									
Fuel inj system	Mechanical DB4						Bosch common rail with SisuTronic EEM 3					
Speed droop	4 %											
Cooling system	Keel / Box	Radia tor	Keel / Box	Radia tor	Keel / Box	Radia tor	Keel / Box	Radia tor	Keel / Box	Radia tor	Keel / Box	Radia tor
Weight / kg												
Length / mm		1340			1315	1580	1080	1420	1315	1580	1235	1610
Height / mm		1130			1255	1350	1090	1240	1255	1350	1250	1295
Width / mm		755			955	1105	755	955	915	1105	820	1105

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Land application, non certified

	Prime Power	Standby power	Prime Power	Standby power
Engine type	kW @1500 rpm	kW @1500 rpm	kW @1800 rpm	kW @1800 rpm
33 DG	34	37	37	41
33 DTG	55	61	62	68
49 DTG	82	90	100	110
49 DTAG	105	116	115	127
49 CTAG-4V	116	128	128	140
74 DTG	136	150	tbc	tbc
74 DTAG	182	200	190	210
74 CTAG-4V	182	220	235	258
84 CTAG-4V	250	275	275	303

Land application, non certified

	33 DG 33 DTG	49 DTG	49 DTAG	49 CTAG-4V	74 DTG 74 DTAG	74 CTAG-4V	84 CTAG-4V
Flywheel housing	SAE 3 8366 47440	SAE 3 8366 47440	SAE 3 8366 47440	SAE 3 8366 47440	SAE 3 8366 47440	SAE 2 8366 47442	SAE 1 8366 47442
Flywheel	8366 55066	8366 55066	8366 55066	8366 55066	8366 55066	8353 28666	8368 59485
Electrics 12V * starter * alternator 95 A	8366 73289 8366 66720	8366 73289 8366 66720	8366 73289 8366 66720	8366 73289 8366 66720	8368 73290 8366 66720	8368 73290 8366 66720	8368 73290 8366 66720
Oil sump	8366 64336	8361 29147	8361 29147	8361 29147	8363 47308	8363 47308	8363 47308
Exhaust manifold * 1800 rpm	8366 46976	8367 64318	8367 64318	8367 64318	8368 67065	8368 67065	8368 67065 8368 73000
Turbo position	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front	Exhaust to front
Front brackets	8366 47839	8366 47839	8366 47839	8366 47839	8363 24441	8363 24441	8363 38946
Fan ratio	1:1,48	1:1,48	1:1,48	1:1,48	1:1,20	1:1,20	1:1,00

Land application, non certified

	33 DG 33 DTG	49 DTG	74 DTG	49 DTAG	74 DTAG	49 CTAG- 4V	74 CTAG-4V	84 CTAG- 4V
Cylinders	3	4	6	4	6	4	6	6
Valves per cyl	2	2	2	2	2	4	4	4
Bore / mm	108	108	108	108	108	108	108	111
Stroke / mm	120	134	134	134	134	134	134	145
Displacement / l	3,3	4,9	7,4	4,9	7,4	4,9	7,4	8,4
Cylinder liners	Wet, replaceable with mid support							
Charge cooling	---			Air to air				
Fuel inj system	Mechanical DB4					Bosch common rail with SisuTronic EEM 3		
Speed droop	4 %							
Weight / kg	300	430	600	430	600	600	655	750
Length / mm	765	900	1210	900	1210	1210	1185	1275
Height / mm	890	890	1115	890	1115	1115	1000	1040
Width / mm	620	620	660	620	660	660	660	680