



Brochure main description	@1500rpm @1800rpm		
Application & simbol			eneration
Engine identication main			67
Engine identication rating	kW	170	210
Engine features			G-Drive
Emission feature		Stage IIIA_Tier3 - RoH	S2 Directive 2011/65/EU
Main characteristics		@1500rpm	@1800rpm
Emission certification			S2 Directive 2011/65/EU
Commercial code (for order)		NEF67TE	2PV.S550
Other Commercial code			-
Technical code (original plant engine code, on engine block)		F4HE06	85F*J103
Technical homologation code		F4HE()685F*J
Stand-by power (gross) [mech]	kW	170	210
Specific power	kW/I	25,4	31,3
Electric commercial power (estimation alternator power output)	kWe [kVA]	140	180
BMEP	bar	20,2	20,9
Oil consumption on mission (average)	% fuel comsumption	C),3
Cycle	· ·	diesel -	4 stroke
Air charging system pattern		Turbocharge	ed aftercooled
Number of cylinder			6
Configuration (cylinder arrangement)	in line		line
Bore	mm 104		04
Stroke	mm 132		32
Stroke / Bore		1,	.27
Displacement	6.7		5,7
Unit Displacement	I	1,	12
Bore pitch	mm	1	20
Valves per cylinder			4
Cooling system type		lic	uid
Direction of rotation (looking flywheel)		anti-cl	ockwise
Compression ratio		16,	5 : 1
Firing order		1 - 5 - 3	- 6 - 2 - 4
Injection type		direct - electro	nic common rail
Engine brake configuration			-
Be10		80	00 h
Cylinder Head			
Single / Multiple		sir	ngle
Material		cas	t iron
Head air circulation		cros	sflow
Intake valve dia.	mm	- 3	33
Exhaust valve dia.	mm	3	33
Camshaft			
Layout		0	HV
Cam carrier		on inle	et valve
Material and Heat treatment		chilled	cast iron
Valve train		mechanical ta	opet & push rod





Main characteristics		@1500rpm @1800rpm
Drivetrain (timing system)		gear tappet
Valve actuation		tappet & push rod
Variable valve actuation system		-
Cylinder block (crankcase)		No Structural
Material of cylinder block		cast iron
Type of liners		block liners
Liners replaceable; (slip fit or interference fit)		
Bearing caps		machined cast iron
Crankcase Ventilation		closed
Oil separator		coalescent filter
Crankshaft & counterweights		
Material		forged Steel
Acceptable Inertia (clutch)	kgm²	0,71
Balancing		no
Turbocharger & EGR system		
Turbocharger type		fixed geometry with wastegate valve
Turbocharger supplier		Cummins
Turbocharger control		WG pneumatic control
Pressure after turbocharger compressor	mbar	2000
Max turbine inlet temperature	°C	700
Temperature after turbocharger compressor	°C	
Method of cooling the turbocharger		oil lubricated
Turbo protection devices		
EGR type		internal EGR
EGR control strategy		-
EGR recirculation rate		-
Valve		-
Cooler		-
Control		-
Air mass measurement		-
Exhaust flap		
Exhaust flap supplier		-
Actuation type		-
Exhaust flap cooling		-
Switchability (1500-1800 rpm)		
Emission level 1500 rpm		Stage IIIA
Emission level 1800 rpm		Tier3
Front power take off		
PTO type		-
Max torque available from front of crankshaft (no side load)	Nm	-
Power take off on gear train		
SAE A 9 teeth	Nm	-
SAE A 11 teeth	Nm	-
SAE B 13 teeth	Nm	-
SAE B (DIN 5482)	Nm	-
SAE 2B 15 teeth(ANSI B92,1)	Nm	-
References values		
Engine dimension LxWxH (indicative values)	mm	1156 x 764 x 1045





Main characteristics		@1500rpm	@1800rpm
G-Drive Dimension LxWxH (indicative values)	mm	1797 x 764 x 1272	
Max permissible engine inclination	deg	23	
Engine Weight - Dry (no fluids, value purely indicative)	kg	550	
Engine Weight - Wet (with fluids, value purely indicative)	kg	570	
G-Drive Weight - Dry (no fluids, value purely indicative)	kg	625	
G-Drive Weight - Wet (with fluids, value purely indicative)	kg	670	
Center of gravity (FFOB or RFOB according to picture, standard engine layout)	mm		
Principal moment of inertia (reference on center of gravity ,standard engine layout)	kgm²		
Principal moment of inertia (reference matrix based on center of gravity,standard engine layout)	kgm²		
Center of gravity (FFOB or RFOB according to picture, standard IPU/G-Drive layout)	mm	-6,88 ; 177,5	; 408,8
Principal moment of inertia (reference on center of gravity ,standard IPU/G-Drive layout)	kgm²	3,84e+07; 9,06e+0	7; 1,06e+08
Principal moment of inertia (reference matrix based on center of gravity, standard IPU/G-Drive layout)	kgm²	N/A	
Mass moment of inertia - rotating components (excluding flywheel)	kgm²	0,33	
Mass moment of inertia - standard flywheel	kgm²	0,708	
Bending moment on the flywheel housing	Nm		
Flywheel housing SAE sizing			
Flywheel SAE sizing			
Bending moment on PTO	Nm		
Max static mounting surface load	N		
Crankshaft thrust bearing pressure limit			
Intermittent load:	MPa	N/A	
Continuous load:	MPa	15	
Rear main bearing load	MPa	N/A	
Max bending moment available from front of the crankshaft:			
0 deg	Nm	100	
90 deg	Nm	270	
180 deg	Nm	270	
Environmental operating conditions			
Max altitude for declared performances	m	1000	
Max ambient temperaturefor declared performances	°C	40	
Min guaranteed temperature for cold start w/o any aid (stand alone engine) Min guaranteed temperature for cold start with grid	°C	- 15	
Min guaranteed temperature for cold start with grid heater (stand alone engine) Min guaranteed temperature for cold start with grid	°C	- 25	
heater and block heater (stand alone engine)	°C	- 30	°C 21
Time preheating for manifold heater	S	-3 °C: 0; -30	
Time post heating for manifold heater	S	-3 °C: 0; -20 °	C: 200
Low idle continuous operation time (reccomended) Engine performance (Prime power and standby	h	3	
power defined according to ISO normative 8528-1) Continuous power (gross) [mech]	kW	124	153
Prime power (gross) [mech]	kW	155	191
Stand-by power (gross) [mech]	KVV	100	191





Main characteristics		@1500rpm	@1800rpm
Fan consumption [mech]	kW	5	8,6
Continuous power (net) [mech]	kW	119	144,1
Prime power (net) [mech]	kW	150	182,3
Stand-by power (net) [mech]	kW	165	201,4
Typical generator output		140	180
Generator available power @ Prime power	kW	135	164
Generator available power @ Stand by	kW	148	181
Power limitation according to ambient conditions			1
Ambient temperature above xx°C	%/5°C (xx°C)		2
Altitude > 1000 < 3000m above sea level	%/500m		3
Altitude > 3000m above sea level	%/500m		6
Power limitation due to safety protections			<u>- </u>
Max water temperature (Switch on of the MIL lamp)	°C	1	02
Start derating: switch on of the warning coolant temperature lamp (amber color)	°C		06
Max derating (50% derating) switch on of the high			
coolant temperature lamp (redcolor)	°C	1	10
Altitude level: gradual reduction of transient response by smoke map correction from	m	20	000
Fuel temperature	°C	7	70
Intake manifold air temperature	°C		50
ATS Max gas inlet temperature	°C	-	
Max allowed exhaust temperature	°C	740 °C - 760 (peak)	
Turbine overheating protection	°C	700	
Turbine overspeed protection	rpm	140000	
Oil temperature protection	°C	125	
Oil pressure protection (min engine rpm)	bar	1.	
	Dai		
Fuel System			
Fuel density	kg/l	0,	84
Injection system type		electronic common rail	
Injection pump manufacturer		Во	sch
Injection model type		High Pres	sure Pump
Injection model pump		Bosch	CP3.3
Injection pressure	bar	16	600
Injector		Bosch C	RIN2-16
Injector installation (sleeve, sealing flat or conical)		sle	eve
Injector nozzle			400
Engine fuel compatibility		see dedicated GOLD E	
Feed pump on engine			h pressure pump
Max fuel flow supply line	I/h		80
Nominal feed pressure	bar		i - 1
Fuel filter	~ el 1		Stratapore
Fuel filter clogging sensor			es
Max continuous allowable fuel temperature (without	• • • • • • • • • • • • • • • • • • • •	-	
derating)	°C	<u> </u>	70
Max relative pressure at gear pump inlet	bar		
Min relative pressure at gear pump inlet	bar	- (),5
Max back flow relative pressure	bar	0	,2
Max back flow restriction	bar	0	,2
Max heat rejection to return fuel	kW	0	65





lax fuel flow return line	kg/h	-	
Min fuel tank venting requirement	m³/h	0,4	
Prefilter / Water separator micron size	μm	20 - 4	0
Air Intake System		@1500rpm	@1800rpm
Aftercooling system type		air to a	
nterstage cooling type		_	
RoA (Temperature raise between ambient and inlet to	°C	≤ 25	
engine			
Filter air intake temperature (warm air ricirculatuion)	°C	22	
Max intake manifold temperature	°C	50	-
Compressor inlet pressure (with new air filter)	hPa	≥ - 45	
Compressor inlet pressure (with dirty air filter)	hPa	≥ - 65)
Air filter type	len.	dry	
Loads on turbocharger on compressor intake	kg	0	
Loads on turbocharger on compressor outlet Charge air flow (max)	kg ka/b	802	942
onarge all flow (max)	kg/h	002	942
Exhaust System		@1500rpm	@1800rpm
Max back pressure (after exhaust flap) @ rated power vith clean system	hPa	80	
Max mechanical load on turbine flange	kg	0	
Max ambient temperature for exhaust flap actuator	°C		
Max exhaust temperature After Treatment System	°C	-	
Max exhaust flow rate	kg/h	838 (1500rpm); 986 (1800rpm)	
Energy to exhaust	kW	137,3	164,4
After Treatment System			
After Treatment System		<u> </u>	
POC DPF		-	
)OC			
SCR			
Jrea Dosing System			
AdBlue mixer			
ATS sensors		<u>-</u>	
DPF regeneration strategy			
		-	
Lubrication System			
Oil sump capacity, max level	l	12,7	
Oil sump capacity, min level	l	9,1	
	l	16,7	
Oil system capacity including filter		gear pu	
Dil pump type		driven by gear	
Dil pump type Dil pump drive arrangement			gcai
Dil pump type Dil pump drive arrangement Win oil pump flow	l/min	12	gcai
Dil pump type Dil pump drive arrangement Min oil pump flow Max oil pump flow (@rated speed)	l/min	12 50	
Dil pump type Dil pump drive arrangement Min oil pump flow Max oil pump flow (@rated speed) Min oil pressure @ low idle (engine oil temp at 120°C)		12	
Dil pump type Dil pump drive arrangement Min oil pump flow Max oil pump flow (@rated speed)	l/min	12 50	6)





Max oil temperature @ full load (in main gallery)	°C	< 120	
Max oil pressure peak on cold engine	bar	15	
Dil cooler type	Dai	water cooled	
Fransducer for indicating oil temperature and pressure		signal from ECU	
Max engine angularity - longitudinal / transversal (std			
oil pan) Allowed engine gradability during installation on	deg	23 / 23	
/ehicle	deg	0	
Oil servicing intervals	h	see dedicated GOLDBook document on fluids	
Oil filter type		cartridge	
Oil filter capacity	l	1	
Max oil content admitted in blow by gas (after filter)	g/h	0,3	
Oil for cold condition mission (T° ambient < -25°C)		see dedicated GOLD Book document on fluids	
Cooling system		@1500rpm @1800rpm	
Type (water to water or air to water)		air to water	
Recommended coolant		see dedicated GOLD Book document on fluids	
Min radiator cap pressure	kPa	0,7	
Warnnig setting first threshold	°C	103	
Max additional restriction (cooling system)	Pa	N/A	
Air to boil (prime power, open genset configuration). For further information see GB document	°C	56	
Air flow (prime power, open genset configuration)	m³/s		
Air to boil (stand by, open genset configuration). For further information see GB document	°C	58	
Air flow (stand by, open genset configuration)	m³/s		
EGR Cooler water flow (for ΔT=6°C)	l/s	-	
LP-CAC water flow (for ΔT=6°C)	l/s		
Fan			
Diameter	mm	685	
Number of blades		12	
Drive ratio		1,41:1	
Speed		2100 rpm (1500rpm); 2520 rpm (1800rpm)	
Air flow		3,4 kg/s (1500 rpm) - 4,1 kg/s (1800rpm)	
Power consumption		5 kW (1500rpm) ; 8,5 kW (1800rpm)	
Radiator			
Core dimensions LxWxh	mm	900 x 708 x 52	
Dry weight	kg	65	
Radiator coolant capacity	I	8	
Optimum coolant temperature range @engine out (50% glycol)	°C	83 ÷ 99	
Engine Water pump Type		centrifugal pump	
Engine water pump drive		driven by belt	
Coolant capacity (engine only)	1	12,6	
Coolant capacity (radiator & hoses)	1	15	
Thermostat type		wax type	
Thermostat position		on cylinder head	
Thermostat opening / fully open temperature	°C	(76 - 80) / 95	
Recommended coolant circuit pressurization range (relative)	hPa	N/A	
Coolant engine pressure outlet – inlet (delta pressure, open thermostat, high idle conditions)	hPa	< 0,2	





Cooling system		@1500rpm	@1800rpm
Coolant engine pressure outlet – inlet (only with remote thermostat, ex. retarder)	hPa	-	
Min coolant pressure (no pressure cap and thermostat closed)	hPa	1	
Coolant water pump inlet pressure (water temperature 60-100°C)	hPa	0,	5
Coolant flow to radiator @rated speed	l/h	N/A	A
Min coolant expansion space (% total cooling system capacity)	%	Expansion Tank Volume (and max level) must or also coolant thermal expansion to avoid coolant high temperature conditions. Thi can be checked Power test	
Max coolant flow to accessories @ rated speed from cab heater	l/min	N/A	A
Engine out coolant to ambient @rated speed	delta °C	-	
Engine out coolant to ambient @torque speed	delta °C	-	
Charge air cooler outlet to ambient @max rpm - CAC dT	delta °C	-	
Pump water flow	l/min	154	185
Electrical, Electronic and Control Systems			
System voltage	V	12 -	24
Engine control unit		MD1C	E101
ECU software		P16	03
ECU Vehicle connection		via body compute	er with CAN line
ECU operating range	°C	- 40 ÷	+85
Temperature of ECU case for <5' after power up	°C	85	
ECU rated continuous temperature	°C	80	
ECU communication protocol		SAE J1939 for engine control, ISO14229 (UDS engine diagnosis.	
Min power supply for ECU operation	V	9	
Max power supply for ECU operation	V	32	
Battery wire connection resistance value @20°C (from pattery to ECU)	mΩ	RT30 = 3,1 – 7,5 m Ω (+20°C; PE=0%); RT5	
Diagnostic connector type		On board, Deutch Connector (11 poles)	
Min cranking speed TDC @-30°C	rpm	90	
Average cranking speed	rpm	13	0
N° tooth pinion/crown gear		10/1	25
Min battery voltage	V	(12V a vi	ioto) 11
Mean battery voltage	V	(12 V a v	uoto) 11
Min battery current	Ah	min 55, 420 C0	CA (or 50342)
Mean battery current	Ah	max 176Ah, 1320	CCA (or 50342)
Max starting circuit resistance (to starter)	mΩ	RT30 = $3,1 - 7,5 \text{ m}\Omega$ (+20)	0°C; PE=0%) RT50 < 80
Cold starting			
Without air preheating	°C	- 1	
With air preheating (if available)	°C	- 2	5
Emission gaseus and particulales			
NOx (Oxides of nitrogen) [NRSC]	g/kWh	see homologat	
HC (Hydrocarbons) [NRSC]	g/kWh	see homologat	
NOX+HC [NRSC]	g/kWh	see homologat	
CO (Carbon monoxide) [NRSC]	g/kWh	see homologat	
PM (Particlutes) [NRSC]	g/kWh	see homologat	ion certificate





Emission gaseus and particulales			
CO2 (Carbon Dioxide) [NRSC]	g/kWh	see homologa	
NOx (Oxides of nitrogen) [NRTC]	g/kWh	see homologa	
HC (Hydrocarbons) [NRTC]	g/kWh	see homologa	
NOX+HC [NRTC]	g/kWh	see homologa	
CO (Carbon monoxide) [NRTC]	g/kWh	see homologa	
PM (Particlutes) [NRTC]	g/kWh	see homologa	
CO2 (Carbon Dioxide) [NRTC]	g/kWh	see homologa	tion certificate
Maintenance			
Oil drain interval		see dedicated GOLD B	
Oil filter change		see dedicated GOLD B	
Oil refilling time		daily check to evalua	
Approved engine oil specifications		see dedicated GOLD Be	ook document on fluids
CCV filter change			
Fuel filter change		see dedicated GOLD Be	
Fuel pre-filter change		see dedicated GOLD Be	ook document on fluids
Belt replacement			
Valve lash check /adjustment			
AdBlue filter Change		-	
DPF filter service		-	
Coolant change		see dedicated GOLD Be	ook document on fluids
Engine Noise			
Overall sound pressure (engine only)	dBA	N/	Ά
Overall sound pressure (with accessories only)	dBA	N/	Ά
Exahust noise (w/o Muffler)	dBA	N/	Ά
Noise spectrum (octave analysis performed at the position of maximum noise) - diagram	Table dB-Hz		
A-weight sound power level LW function of power (value calculated respecting standard ISO 3744 and 3746. For further information see GB document)			
0% (no load)	dBA		
75% (partial load)	dBA		
100% (full load)	dBA		
110% (overload)	dBA		
Step Load (for further information see GB document)		@1500rpm	@1800rpm
G1 (% of PrP)	%		
G2 (% of PrP)	%	80	-
G3 (% of PrP)	%	62,5	-
G1 (% of PrP) [open flap]	%	-	-
G2 (% of PrP)[open flap]	%	-	_
G3 (% of PrP)[open flap]	%	-	_
G1 (% of PrP) [closed flap]	%	-	-
G2 (% of PrP) [closed flap]	%	-	_
G3 (% of PrP) [closed flap]	%	-	-
Removal load (G1)	%	-	<u> </u>
		-	
,		- 1	-
Removal load (G2) Removal load (G3)	<u>%</u> %	_	100



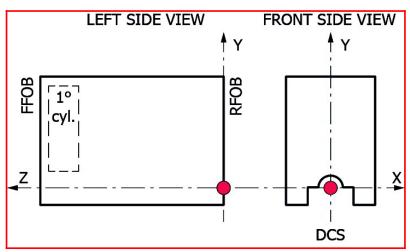


Step Load (for further information see GB document)		@1500rpm	@1800rpm
Emergency (xxx)	%	-	-
Emergency (xxx)	%	-	-
Maximum Rating Performance Data		@1500rpm	@1800rpm
Torque	Nm	1082	1114
Ambient Temperature	°C	21	21
EGR Rate	%	-	-
Fuel Flow	g/s	9,9	12,1
Fuel consumption (BSFC) (prime power)	(kg/h) [g/kWh]	(34) [216,8]	(40,8) [216,5]
Fuel consumption (BSFC) (stand by)	(kg/h) [g/kWh]	(35,7) [210,5]	(43.7) [207]
Fuel consumption (BSFC) (80% prime power)	(kg/h) [g/kWh]	(30) [238,3]	(35) [232,1]
Fuel consumption (BSFC) (50% prime power)	(kg/h) [g/kWh]	(19) [250]	(23,1) [235,9]
Fuel consumption (BSFC) (25% prime power)	(kg/h) [g/kWh]	(13,4)	(15,9)
AdBlue consumption (prime power)	% of fuel cons	-	-
AdBlue consumption (stand by)	% of fuel cons	-	-
AdBlue consumption (80% prime power)	% of fuel cons	-	-
AdBlue consumption (50% prime power)	% of fuel cons	-	-
AdBlue consumption (25% prime power)	% of fuel cons	-	-
Exhaust Gas Flow	kg/h	232,7	274
Design air handling system data			
EGR flow	kg/h	-	
EGR pressure	kPa		_
Boost pressure (compressor outlet)	kPa	168,7	175
Pressure drop on charge air cooling system	kPa	100,1	170
Max temperature after HP-Compressor	°C		
Boost temperature (includes EGR effect)	°C	161	166
ATS back pressure	kPa	-	-
Exhaust Gas Temp between HP-TC	°C		
Max Exhaust Gas Temp (after TC)	°C	545	578
Max admitted back pressure after SCR	kPa	-	-
Max admitted back pressure after TC	kPa	N/A	N/A
Power engine coolant without EGR & CAC (prime		IN/A	IN/A
power)	kW [kcal/kWh]	<u>-</u>	
Power engine coolant without EGR & CAC (stand by)	kW [kcal/kWh]	-	-
Power high Temperature EGR Cooler (engine water) (prime power)	kW [kcal/kWh]	-	-
Power high Temperature EGR Cooler (engine water) (stand by)	kW [kcal/kWh]	-	-
Power to coolant due to EGR LP-Circuit (prime power)	kW [kcal/kWh]	-	-
Power to coolant due to EGR LP-Circuit (stand by)	kW [kcal/kWh]	-	-
Total Power to coolant (prime power)	kW [kcal/kWh]	72,5	83
Total Power to coolant (stand by)	kW [kcal/kWh]	80,7	92,2
Total pump water flow	l/s	2,6	3,1
Radiator Coolant Flow (5% less if continuous deareating system, coolant according to FPT norms)	l/min	-	-
EGR Cooler water flow (for ΔT=6°C)	l/s	-	-
LP-CAC water flow (for ΔT=6°C)	l/s	-	-
Power in CAC (air to air) (prime power)	kW [kcal/kWh]	24,1	27,8
Power in CAC (air to air) (stand by power)	kW [kcal/kWh]	26,7	30,9

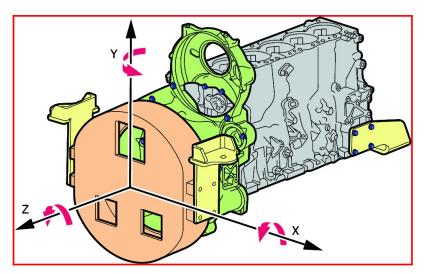




Design air handling system data			
Power Radiated	kW	8,5	10,4
Charge Air Flow	g/s		

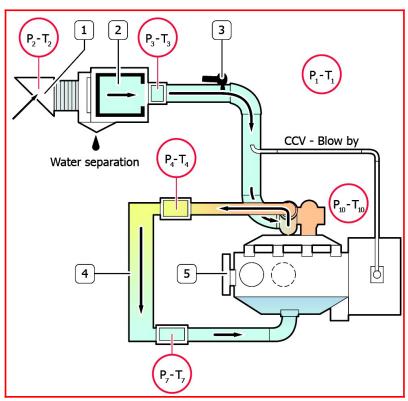


Principal Moment of Inertia

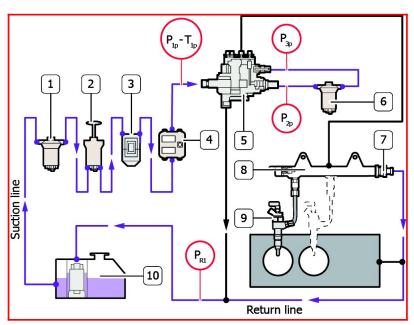


Components





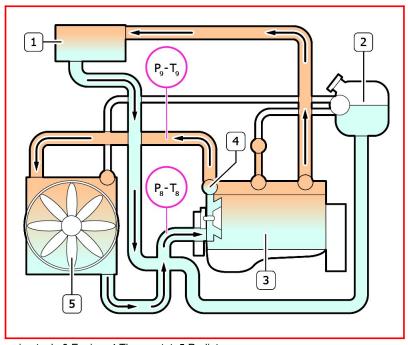
1. Snorkel 2. Air Filter 3. Humidity sensor 4. Intercooler



1.Inspection glass with strainer 2.Prime pump 3.Pre-filter with water separator 4.ECU 5.High Pressure pump 6.Fuel Filter 7.Overpressure valve 8.Common Rail 9.Injectors 10.Fuel tank







1. Heating element 2. Expansion tank 3. Engine 4. Thermostat 5. Radiator





ACRONYMS LIST

Acronyms	Description
-	Not Needed
2stTC	Two Stage Turbo (sequential)
Ag	Agricultural
ASC	Ammonia Slip Catalyst (same as CUC)
ATS	After Treatment System
BSFC	Brake Specific Fuel Consumption
CAC	Charge Air Cooler
CCDPF	Close Coupled DPF
CCV	Crankcase Ventilation
CE	Construction Equipment
CI	Cast Iron
CRS	Common Rail System
CRSN	Common Rail System NKW (Commercial vehicles)
cuc	Clean Up Catalyst for ammonia (same as ASC)
DAVNT	Dual Axis Variable Nozzle Turbine
DCS	Drawing Coordinate System
DI	Direct Injection
DOC	Diesel Oxidation Catalyst
DOHC	Double Over Head Camshaft
DPF	Diesel Particulate Filter
ECEGR	External Cooled EGR
ECU	Engine Control Unit
EEGR	External EGR
EGR	Exhaust Gas Recirculation
epWG	Electro pneumatic WG
eVGT	Electrical VGT
eWG	Electrical WG
FFOB	Front Face of Block
FGT	Fixed Geometry Turbocharger (no WG)
FIE	Fuel Injection System
HD	Heavy Duty
HLA	Hydraulic Lash Adjusters
IDI	Indirect Injection

Acronyms	Description		
iEGR	Internal EGR		
IPU	Industrial Power Unit		
ISC	Interstage Cooling		
LD	Light Duty		
LDCV	Light Duty Commercial Vehicles		
LH	Left Hand Side		
LWR	Laser Welded Rail		
MD	Medium Duty		
n/a	Not Available		
NA	Natural Aspirated		
NS	Non Structural		
OHV	Over Head Valves		
ОРТ	Option		
PCP	Peak Cylinder Pressure		
PTO	Power Take Off		
RFOB	Rear Face of Block		
RH	Right Hand Side		
S	Structural		
SAPS	Sulphated Ash, Phosphorus, Sulphur		
SCR	Selective Catalytic Reduction catalyst		
SCRoF	SCRon filter		
SOHC	Single Over Head Camshaft		
STD	Standard		
TC	Turbocharged		
TCA	Turbocharged, Charge Air Cooled		
ТНМ	Thermal Management		
UFDPF	Under Floor DPF		
UQS	Urea Quality Sensor		
VE	Bosch Distributor Mechanical Pump		
VFT	Variable Flow Turbine		
VGT	Variable Geometry Turbocharger		
WG	Waste Gate Turbocharger		
XPI	Extra high Pressure Injection (Scania, Cummins)		

Unit of misure according to international system of unit. Engine accessories and Options available on Option List. All data is subject to change without notice.

UPDATING

Revision	Description	Date
Revision 3.0_Mar 2022		March/2022
Revision 3.1_Nov 2022		November/2022