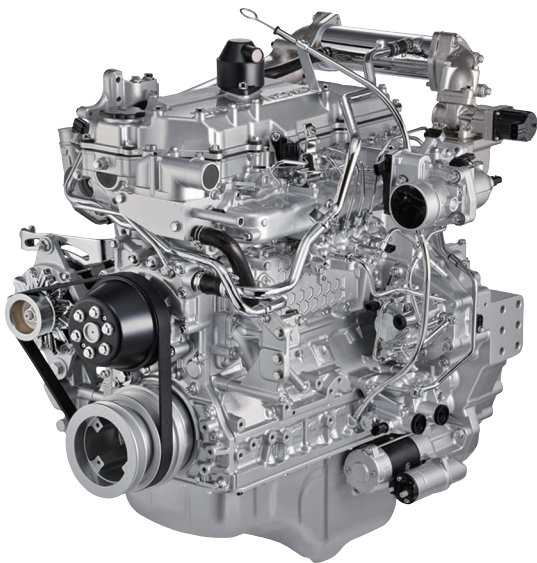


Dependable Power

4HK1X - 140.0 kW @ 2000 r/min  
4HK1X - 111.0 kW @ 1500 r/min

# START YOUR ENGINES

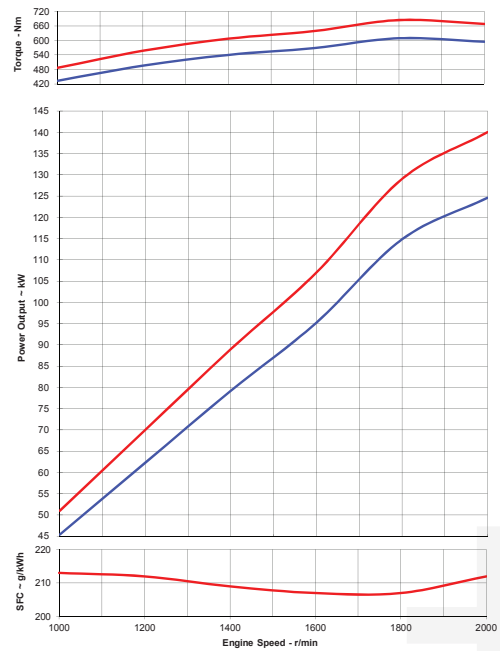
(and go)



Lightweight, compact, environmentally friendly, economical industrial diesel engine which is highly rated around the world. The engines after treatment provides the ideal level of applied simplicity and end use satisfaction for those on the move.

### Standard

- Emission Control Device, maintenance free DOC & SCR
- Other emission-reducing features, including Cooled EGR, Wastegate Turbocharger
- High pressure Common Rail and Direct Injection
- Electric & self-priming fuel lift pump
- Glow plug starting aid
- 500-hour oil drain & service interval



### Available Options

- Side or bottom drain oil pan
- SAE B Gear Case PTO
- Flywheel housings: SAE #3
- Cooling packages
- Air cleaners
- Engine control panel and wiring harness
- Engine mounting
- Weather and sound-proofing enclosure

### Certifications

U.S. EPA Tier **4**  
EU Stage **IV**

4HK1



<b>Model</b>		<b>4HK1X</b>
<b>Emmission Regulation</b>	EU	Stage 4
	USA	Final Tier 4
<b>Type</b>		Vertical 4-Cycle Liquid Cooled Diesel
<b>Number of Cylinders</b>		4
<b>Bore</b>	mm	115
<b>Stroke</b>	mm	125
<b>Displacement</b>	L	5.193
<b>Combustion System</b>		Direct
<b>Intake System</b>		Turbo Charged / Intercooled
<b>Maximum Speed</b>	rpm	2000
<b>Gross Rating</b>	kW	140
	Bhp	187.7
<b>Continuous Rating</b>	kW	124.6
	Bhp	167.0
<b>Generating Set Rating</b>	kW	111
	Speed	1500 r/min
<b>Oil Pan Capacity</b>		20 Litres
<b>Starter Capacity</b>		12v 2.5 kW
<b>Alternator Capacity</b>		12v 110 Amps
<b>Dry Weight (engine only)</b>		480 kg

