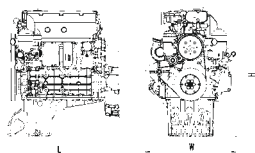




Industrial

DIESEL ENGINE 4R 904 C

for C&I, Mining, Agriculture and Forestry applications



manufactured by



customized by



Engine	Dimensions (LxWxH) mm (in)	Mass, dry kg (lbs)
4R 904 C01	830 x 672 x 945 (33 x 26 x 37)	395 (870)

All dimensions are approximate, for complete information refer to the installation drawing.

Engine		
Bore/stroke	mm (in)	102/130 (4.0/5.1)
Cylinder configuration		4 cyl./In-line
Displacement/cylinder	l (cu in)	1.06 (65)
Displacement, total	l (cu in)	4.2 (256)
Fuel specification		EN 590, Grade No.1-D/2-D

Optional equipment and finishing shown. Standard may vary.

	Rated power ICFN			Peak torque			Optimization
	kW	bhp	rpm	Nm	lb-ft	rpm	
Application	Heavy duty operation (5A)						
4R 904 C21	75	101	2200	400	295	1200-1600	20, 23, 31
4R 904 C31	90	121	2200	470	347	1200-1600	20, 23, 31
Application	Medium duty operation (5B)						
4R 904 C61	110	148	2200	580	428	1200-1600	20, 23, 31
4R 904 C71	129	173	2200	675	498	1200-1600	20, 23, 31

Optimization: 20 EPA Nonroad T3 Comp (40CFR89)
23 EU Nonroad St IIIA Comp (97/68/EC)
31 China NRMM Stage III (GB20981-2014)

Application	Power definition	
5A	Continuous operation w/100% load	Load factor: $\geq 60\%$, operating hours: unrestricted, overload: fuel stop (ICFN)
5B	Continuous operation w/variable load	Load factor: $< 60\%$, operating hours: unrestricted, overload: fuel stop (ICFN)

Power output within 5% tolerance at standard conditions. Power definition according to ISO 3046 (ratings also correspond to SAE J 1995 and SAE J 1349 standard conditions)
Consult your distributor/dealer for the rating that will apply to your specific application.

Standard equipment	
Starting system	Electrical starter 24 V, alternator 28 V/80 A
Fuel system	High pressure fuel injection with solenoid-valve controlled unit injection pumps and multijet fuel injectors, fuel filter
Lube oil system	Oil filter
Air system	Turbo charging with charge-air cooling
Exhaust gas system	Tree valves per cylinder
Coolant system	Water-charge-air cooling
Flywheel/housing	SAE 2
Engine mounting	Resilient
Electronics and instrumentation	Electronic engine management
Optional equipment	
on request	

Reference conditions:

- > Intake-air temperature: 25°C (77°F)
- > Ambient air pressure: 1000 mbar (14.5 psi)
- > Altitude above sea level: 100 m (328 ft)

Subject to change without notice. Customization possible.

Engines illustrated in this document may feature options not fitted as standard.