

# 6M16

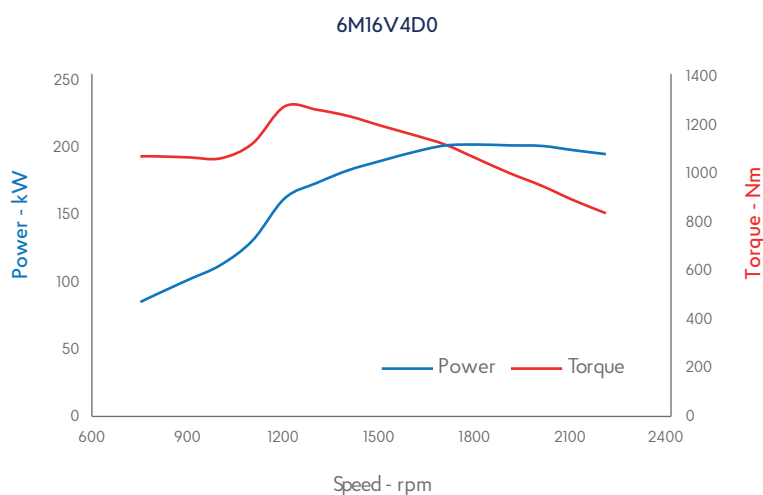
Variable Speed Engine

| Engine Model | Rated Power      | Peak Torque       | Displacement | Cylinders | Voltage | Aspiration | Coupling |     | Throttle   |
|--------------|------------------|-------------------|--------------|-----------|---------|------------|----------|-----|------------|
|              |                  |                   |              |           |         |            | FWH      | FW  |            |
| 6M16V4D0     | 190 kW@2200 rpm  | 1266 Nm@ 1200 rpm | 9.7L         | L6        | 24V     | T/A-A      | SAE1     | 14" | Mechanical |
| 6M16V2D0     | 255 kW@ 2200 rpm | 1385 Nm@ 1400 rpm | 9.7L         | L6        | 24V     | T/A-A      | SAE1     | 14" | Mechanical |

NA=Natural Aspirated, T=Turbocharged, T/A-A=Turbocharged & Air to Air aftercooled, T/A-W=Turbocharged & Air to Water aftercooled

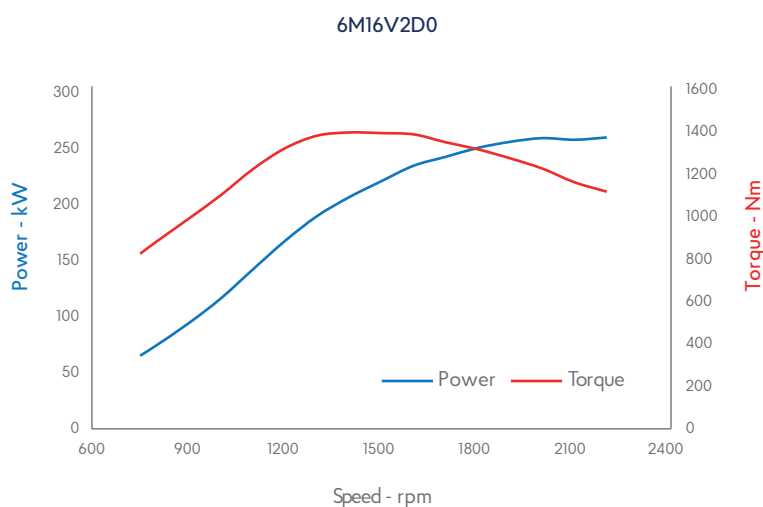
## 6M16V4D0 - Torque Curve

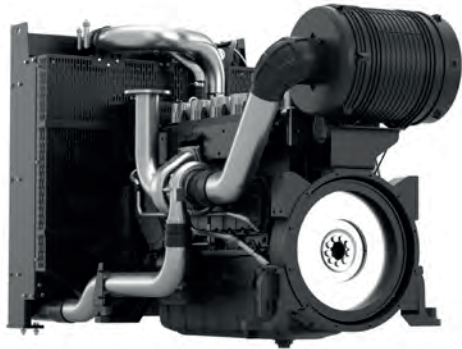
| rpm  | Nm   | kW  |
|------|------|-----|
| 2201 | 830  | 191 |
| 2100 | 883  | 194 |
| 2001 | 942  | 197 |
| 1900 | 994  | 198 |
| 1800 | 1052 | 198 |
| 1700 | 1110 | 198 |
| 1600 | 1150 | 193 |
| 1500 | 1187 | 186 |
| 1400 | 1226 | 180 |
| 1301 | 1252 | 170 |
| 1200 | 1266 | 159 |
| 1100 | 1115 | 128 |
| 1000 | 1054 | 110 |
| 900  | 1058 | 100 |
| 800  | 1062 | 89  |
| 750  | 1062 | 83  |



## 6M16V2D0 - Torque Curve

| rpm  | Nm   | kW  |
|------|------|-----|
| 2200 | 1108 | 255 |
| 2100 | 1152 | 253 |
| 2000 | 1216 | 255 |
| 1900 | 1264 | 252 |
| 1800 | 1306 | 246 |
| 1700 | 1339 | 238 |
| 1600 | 1376 | 231 |
| 1500 | 1382 | 217 |
| 1400 | 1385 | 203 |
| 1300 | 1370 | 187 |
| 1200 | 1311 | 165 |
| 1100 | 1213 | 140 |
| 1000 | 1091 | 114 |
| 900  | 981  | 93  |
| 800  | 874  | 73  |
| 750  | 818  | 64  |





## Customer benefits

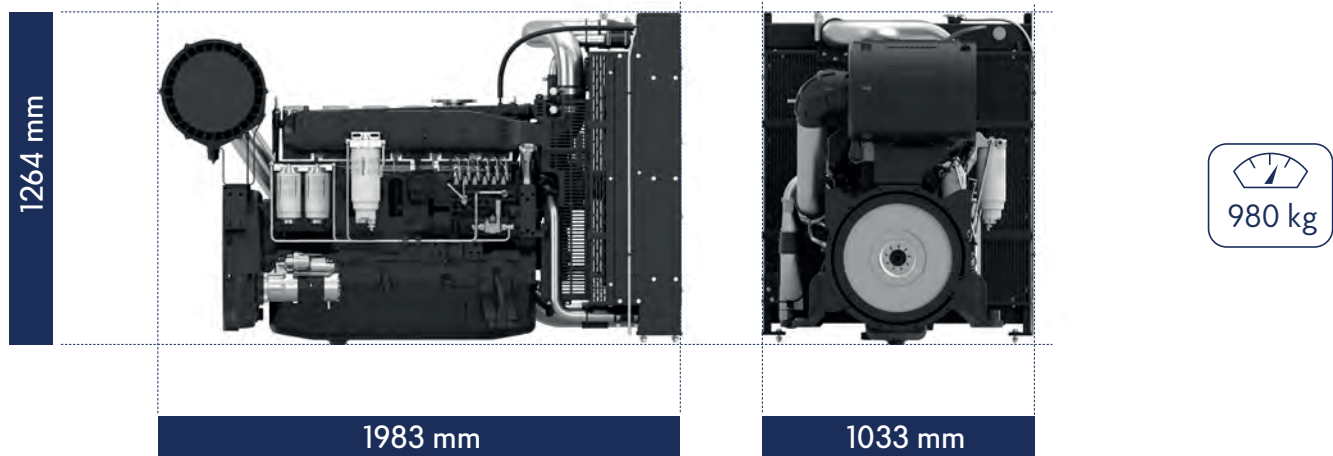
**Optimized for Variable Speed:** Delivers efficient performance across a wide range of operating speeds for both stationary and mobile applications.

**Effortless Maintenance:** Minimizes downtime with easy access to service.

**Fuel Versatility:** Engineered to handle the realities of varying fuel quality.

**Unmatched Peace of Mind:** Backed by a best-in-class warranty of 2 years / 2500 working hours for peace of mind.

## Dimensions and dry weight



## Standard equipment

### Engine and block

Cast iron block  
One-piece forged crankshaft  
Separate cast iron cylinder heads and wet liners  
Aluminum alloy pistons with oil cooling gallery

### Cooling system

Radiator and hoses supplied directly mounted on the engine  
Thermostatically-controlled system with belt driven coolant pump & pusher fan

### Lubrication system

Flat bottom large capacity oil pan  
Spin-on full-flow lube oil filter

### Fuel system

Optimum performance and efficient use of fuel for continuous duty  
Duplex fine filter for better efficiency

### Air intake and exhaust system

Special rear mounted air filter with restriction indicator  
Exhaust manifold shield for heat isolating