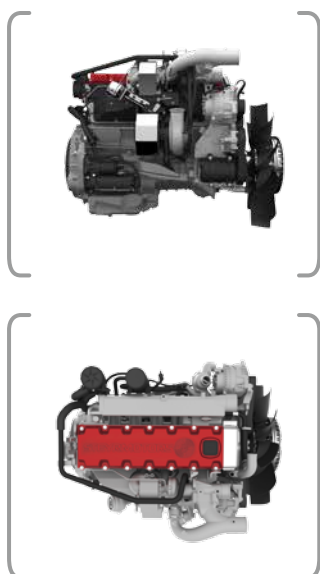
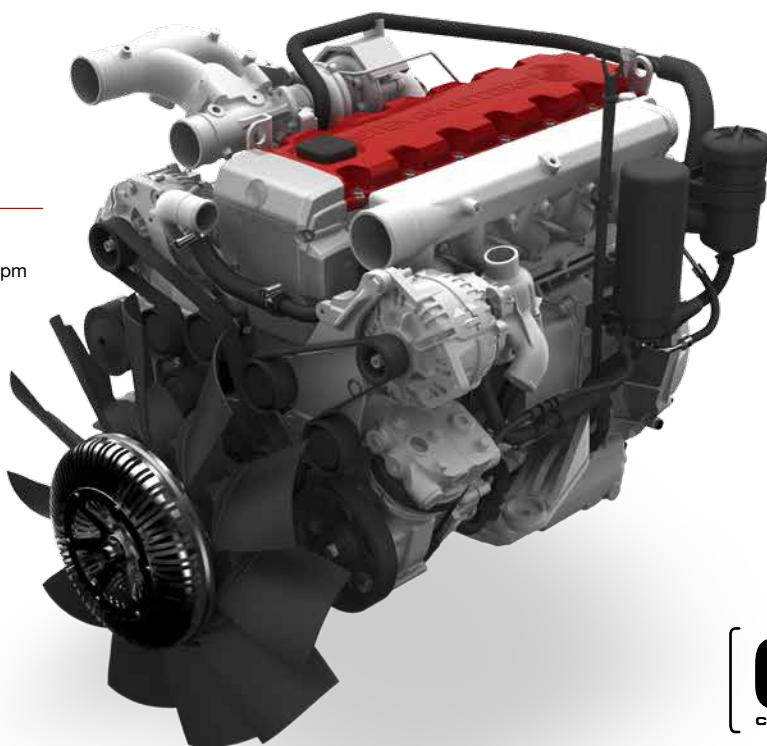


# M16 UI VEHICLE ENGINES

## FACTS

- Rated power: 135-225 kW
- Torque: up to 680 Nm @ 2000 rpm
- Dry weight: 255-280 kg



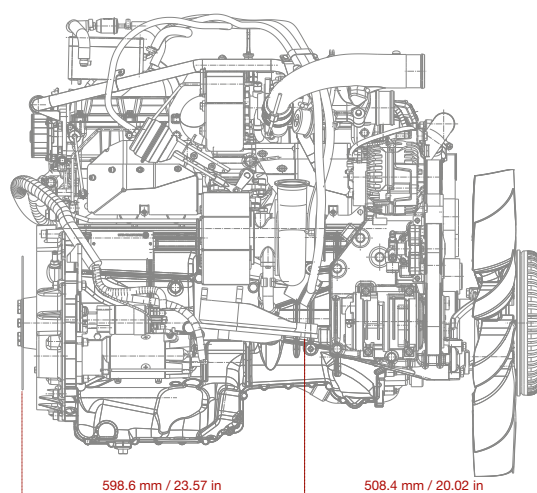
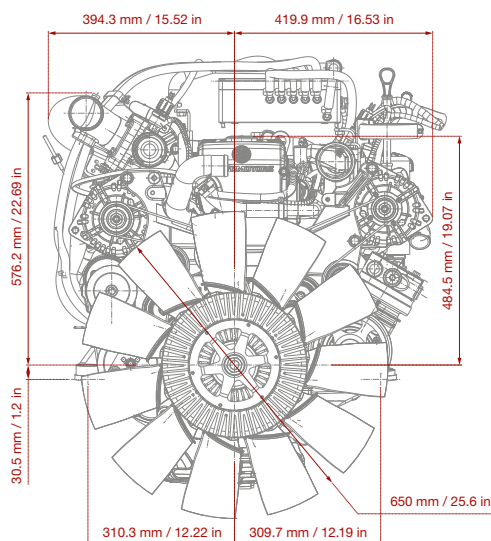
The M16 UI is the star of our product portfolio due to its vast field of application and its well-developed concept facilitating adaptations to customize the unit injection engine for individual requirements. The 6-cylinder diesel engine is available in several basic models with a wide variety of engine components such as oil sumps, front-end accessory drives and transmission flanges.

## MAIN FEATURES

- Monoblock design with excellent water cooling
- Sequential charging or single-stage intercooled charging
- Direct intercooling
- Operational temperature range: from -32 °C to +49 °C
- Multifuel capable: F-34/F-35/F-54/F-63/F-65/JP-8/JET A1/EN 590
- Remarkable power to weight ratio, compact design
- High robustness and durability
- Outstanding performance in high altitudes



See more applications on our website or contact us for further references.



	<b>M16 VTI</b> 135 KW MODEL	<b>M16 VTI</b> 160 KW MODEL	<b>M16 VTI</b> 200 KW MODEL	<b>M16 SCI</b> 225 KW MODEL
<b>COMBUSTION SYSTEM</b>	Direct Injection Diesel	Direct Injection Diesel	Direct Injection Diesel	Direct Injection Diesel
<b>DISPLACEMENT (LT)</b>	3.2	3.2	3.2	3.2
<b>BORE (MM)</b>	85	85	85	85
<b>STROKE (MM)</b>	94	94	94	94
<b>CHARGING SYSTEM</b>	Turbocharged - single stage, VTG	Turbocharged - single stage, VTG	2-stage - sequentially charged, intercooled	2-stage - sequentially charged, intercooled
<b>RATED POWER (KW/HP)*</b>	135/184	160/218	200/272	225/306
<b>RATED SPEED (RPM)</b>	3800	3600	4000	4100
<b>MAX. TORQUE (NM @ RPM)*</b>	450 @ 2000	500 @ 2000	610 @ 1550	680 @ 2000
<b>MIN. FUEL CONSUMPTION (G/KWH)*</b>	205	205	205	205
<b>DRY WEIGHT (KG)</b>	255	255	280	280

\* based on Diesel EN 590

#### OVERALL CHARACTERISTICS

- 4-stroke, turbocharged
- 4 basic models, distinguished by power, torque and charging system
- Perfectly suited for customizing to your specific requirements