M16 UI VEHICLE ENGINES





FACTS



The M16 UI is the star of our product portfolio due to its vast field of application and its well-developed concept facilitating adaptions 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.





	M16 VTI 135 KW MODEL	M16 VTI 160 KW MODEL	M16 VTI 200 KW MODEL	M16 SCI 225 KW MODEL
COMBUSTION SYSTEM	Direct Injection Diesel	Direct Injection Diesel	Direct Injection Diesel	Direct Injection Diesel
DISPLACEMENT (LT)	3.2	3.2	3.2	3.2
BORE (MM)	85	85	85	85
STROKE (MM)	94	94	94	94
CHARGING SYSTEM	Turbocharged - single stage, VTG	Turbocharged - single stage, VTG	2-stage - sequentially charged, intercooled	2-stage - sequentially charged, intercooled
RATED POWER (KW/HP)°	135/184	160/218	200/272	225/306
RATED SPEED (RPM)	3800	3600	4000	4100
MAX. TORQUE (NM @ RPM)°	450 @ 2000	500 @ 2000	610 @ 1550	680 @ 2000
MIN. FUEL CONSUMPTION (G/KWH)°	205	205	205	205
DRY WEIGHT (KG)	255	255	280	280
	* based on Diesel EN 590			

OVERALL CHARACTERISTICS

→ 4-stroke, turbocharged

ightarrow 4 basic models, distinguished by power, torque and charging system

→ Perfectly suited for customizing to your specific requirements

