

ROTAIR®

supersilent ›

MDVS

powerful › compact

255D



› | SKID ADAPTOR

- › Design with modern, practical line.
- › Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- › Sizing for easy handling and optimum dimensions / delivered power ratio.
- › Oil filter "spin-on" type for quick maintenance.
- › Full accessibility for easy and rapid maintenance and service.
- › Exclusive pneumatic control system, developed by ROTAIR, to adjust automatically engine revs, depending on the air to be delivered. This system is highly reliable and ensures fuel consumption saving.
- › Start/stop "INTELLIGENT SYSTEM", exclusive from ROTAIR, to prevent the risk of incorrect procedures during specific functioning.
- › Air/oil separator filter, highly oversized, can guarantee an excellent air/oil separation.

Technical Data

dimensions >

L = 6142 mm / 241.83"

W = 1960 mm / 77.17"

H = 2220 mm / 87.4"

weight >

3300 kg / 7275 lbs (without brakes)

3350 kg / 7385 lbs (with brakes)

MDVS 255D

DO YOU
KNOW



COMPRESSOR

(*) = Possibility to have also other operating pressures up to 14/15 bar and Dual Pressure

| | |
|----------------------------|--|
| Operating pressure (*) | 10 bar 145 psi |
| Free air delivery | 22,7 m ³ /min 802 cfm |
| Minimum working pressure | 5,5 bar - 80 psi |
| Drive system engine-airend | Direct Drive |
| Compressor cooling system | Air / Oil |
| Oil cooling capacity | 62,5 lt - 13.75 UK gal |
| Air outlet temperature | 40°C - 105°F + Ambient temperature |
| Outlet valves | 3 x 3/4" + 1 x 2" |
| Noise level EECno 2000/14 | > 100 LWA |
| Battery capacity | 12V cc - 750A-100Ah (EN) |
| Fuel tank capacity | 380 lt - 83.59 UK gal |
| Consumes | 31,9 lt/h - 7.02 UK gal/h (11,9 working hours) |

DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

| | |
|-----------------------------|------------------------------|
| Engine make | DEUTZ |
| Engine type | BF6M 1013FC |
| Engine system | 4 strokes - Inline |
| Emissions | Stage II / Tier 2 |
| Displacement | 7100 cc |
| N. cylinders | 6 |
| Aspiration | Turbo Intercooler |
| Max engine power | 190 kW - 257 HP (@ 2300 RPM) |
| Max engine speed | 2300 RPM |
| Min engine speed | 1300 RPM |
| Cooling system | Water |
| Cooling system capacity | 34 lt - 7.48 UK gal |
| Lubrication system | Oil |
| Lubrication system capacity | 14,5 lt - 3.19 UK gal |
| Max ambient temperature | 50°C - 122°F |
| Max altitude | 1800 m a.s.l. |
| Min working temperature | -10°C / 14°F |

...all our
ranges

also
available
AS...

customized
**SANDBLASTING
VERSION**

**INBUILT ADDITIONAL COOLER AND
SPECIFIC CONDENSATE SEPARATOR**

for cool and dry air

- › The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- › Single stage oversized air filter for compressor part, to guarantee good filtering of the air intake by airend. As option, two-stage air filter for engine part.
- › Fuel pre-filter with water separation and second filter to clean fuel in very dusty conditions.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.