

**ROTAIR®**

supersilent ›

**MDVN**

powerful › compact

**80Y**



› SKID ADAPTOR

- › Design with modern, slender and aggressive line.
- › Electro-galvanized bodywork and chassis with advanced painting procedure to grant an excellent preservation through time.
- › Compact dimensions for easy handling and optimum dimensions / delivered power ratio.
- › Light weight.

- › Filters “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 = 3491 mm / 137.45"

W = 1580 mm / 62.20"

H = 1680 mm / 66.14"

## weight ›

1240 kg / 2734 lbs (without brakes)

## MDVN 80Y


# NEW!

### COMPRESSOR

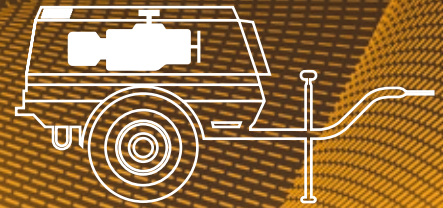
Operating pressure (*)	7 bar 102 psi
Free air delivery	7800 l/min 275 cfm
Minimum working pressure	5,5 bar - 80 psi
Drive system engine-arend	Direct Drive
Compressor cooling system	Air / Oil
Outlet valves	2 x 3/4" + 1 x 1"
Battery capacity	12V cc - 750A-100Ah (EN)
Fuel tank capacity	92 lt - 20.24 UK gal
Consumes	8,9 lt/h - 1.96 UK gal/h (10,3 working hours)

### DIESEL ENGINE / ENVIRONMENTAL CONDITIONS

Engine make	YANMAR
Engine type	4TNV 98-hsap
Engine system	4 strokes - Inline - Direct Injection
Emissions	Stage II / Tier 2
Displacement	3519 cc
N. cylinders	4
Aspiration	Natural
Max engine power @2500 RPM	50,7 kW - 68.9 HP
Max engine speed	2500 RPM
Min engine speed	1500 RPM
Cooling system	Water
Cooling system capacity	12 lt - 2.64 UK gal
Lubrication system	Oil
Max ambient temperature	50°C - 122°F
Max altitude	1800 m a.s.l.
Min working temperature	-10°C / 14°F



**NEW  
MODEL  
YANMAR  
ENGINE**



Join To Live  
**EXPERIENCE**

- › The air and oil filters of the compressor and the air and oil filters of the engine are independent.
- › Two stages oversized air filter for compressor part, to guarantee good filtering of the air intake by arend.
- › Two-stage air filter for engine part.
- › Combined radiator allowing both compressor oil cooling and engine liquid cooling.

