



## Airman Portable Screw Compressor PDS185S - 6C2

### Specifications :

#### COMPRESSOR

Type	Rotary twin screw, single stage, oil-cooled
Free air delivery	5.2m <sup>3</sup> /min(185cfm)
Working pressure	0.69MPa(7kgf/cm <sup>2</sup> G)(100psi)
Unloader	Suction port closing in connection with stepless speed regulator
Lubrication system	Forced lubrication by compression pressure
Driving system	Direct coupling with gears
Oil cooling	Air-cooled
Air cleaner	Dry paper filter type

#### WEIGHT

Dry weight	860 kg
Operating weight	960 kg

#### DIESEL ENGINE

Model	Yanmar 4TNV88-BDHKS
Type	Water-cooled,4-cycle,direct injection type
No.of cylinders	4
Cyl.bore X stroke	88mm x 90mm
Total displacement	2.189litres
Compression ratio	19.0 : 1
Rated output	36.4kW/3000min <sup>-1</sup> (49.5PS/3000rpm)
Middle torque	140.8 Nm/approx.1800min <sup>-1</sup> (14.4kgf-m/approx.1800rpm)
Injection pump	Yanmar VE pump type
Governor	Centrifugal,all-speed
Alternator	DC 12V, 40A
Starting motor	DC 12V, 1.7 kW
Battery	80D26R-MF(NX110-5MF)x1pc
Air cleaner	Dry type
Fuel tank capacity	90 litres
Engine oil capacity (including oil cooler)	7.4 litres
Coolant capacity (Including engine radiator)	5.8 litres
Compressor oil capacity (including receiver tank & oil cooler)	15 litres

