

DOSEEM DS100-E Portable Breathing Air Compressor

DS100-E Series is a worldclass portable breathing air compressor.

Stable, durable and portable, it can be fitted into the boot of the car. Perfect for those in the fire-fighting, chemical and diving industry.

It is also applicable for use in a range of industries including: Recreational Diving, Defence, Shipbuilding, Medical Engineering, Shooting and Automobile Racing.

SPECIFICATIONS

- With power line and magnetic starting switch
- Oil-water separator and filter using aluminum alloy integrated design
- Final stage safety valve offer overload protection
- Button or switch with start and stop
- Metal frame with spray coating
- Stainless steel interstage condenser pipe
- Active carbon molecular sieve filter
- Condensate drain valve
- Final pressure-limiting valve



Article number: 06002

07006



Intake filter

07005



Activated carbon filter

07004



Lubricating oil



07001

High pressure tube

06002

Intake Filter

07002

Filling Valve With Gauge

Oil Filling Barrel

Three Phase Electric Motor









Safety valve

Pumping Unit

Vent Valve

Active Carbon Molecular Sieve Filter

STANDARD CONFIGURATION

Pictures	Type Number	Article Number	Quantity
	High pressure hose-12*1200	07001	1PC
	Filling valve with gauge	07002	1PC
	DOSEEM dedicated lubricating oil	07004	0.4L
	Activated carbon filter cartridge	07005	1PC
	Intake filter	07006	1PC
	Industrial plug	07007	1PC
	Industrial socket	07008	1PC
	Tool kit zipper pouch (with 1 collapsible filling funnel and 1 wrench)	07009	1PC

AVAILABLE CONFIGURATION

Pictures	Type Number	Article Number	Quantity
	Transform adaptor	07010	1PC
	DIN/INT Adaptor	07011	1PC
	Filling valve	07003	1PC
	Filter cartridge monitoring system	07012	1PC
	Stainless steel frame	07013	1PC
	Aluminum alloy frame		1PC
	Autodrain		1PC
	β control system - Autostop - Maintenance reminder - Malfunction warning - Show operated running time - Set any working pressure as you want -APP -WIFI	07014	1PC

TECHNICAL DATAS

Type	DS100-E
Capacity (L/min)	100
Capacity (CFM)	3.5
Power (kW)	3.0
Drive options	380-400V 50Hz Three phase electric motor (Recommend) 380-400V 60Hz Three phase electric motor 440V 50Hz Three phase electric motor 440V 60Hz Three phase electric motor 230V 60Hz Three phase electric motor
Working pressure (bar) (Positive pressure air breather filling pressure)	300
Working pressure (bar) (SCUBA(Aqualung) filling pressure)	225
Fuel quantity (L)	0.4
Rotation speed (RPM)	2320
Noise level (dB)	≤80
Breathing air standard	EN12021
Weight (KG/LBS)	48/106
Volume (cm) (L*W*H)	71*38*40
Filling time (min) (Time to fill 1L cylinder 0-200Bar (0-3000psi))	2

Manufacturer

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