

XAS 185 KDU

Purpose built for the most demanding job sites and mobile applications

Atlas Copco



ALL THE OPTIONS YOU NEED YOUR SPECIFIC APPLICATIONS

The XAS 185 KDU Utility mounted compressor was designed to be mounted on service vehicles or trailers, reducing the amount of deck space required for your compressor. All service points are remote mounted on to the side of the unit for ease of use and quick access. The controls are conveniently located on the side of the unit for ergonomic operator access.

Technical data

Compressor		XAS 185 KDU
Actual Free Air Delivery	cfm	185
Normal Effective Working Pressure	psi	100
Maximum Unloaded Working Pressure	psi	125
Minimum Working Pressure	psi	58
Max. sound pressure level @ 23' (7m) at normal working speed & pressure	dB(a)	76
Compression Stages		1
Air Receiver Capacity	US Gal (L)	4.5 (17)
Compressor Oil Capacity	US Gal (L)	2.3 (8.7)
Approximate Air Outlet Temperature	F (C)	200 (93)
Air Compressor Outlets		1 x 1 1/4" NPT
Maximum Ambient Temperature	F (C)	120 (50)
Maximum Altitude	ft (m)	TBA
Minimum Starting Temperature (w/o Cold weather package)	F (C)	14 (-10)
Minimum Starting Temperature (w / Cold Weather Package)	F(C)	-13 (-25)

Engine - Kubota		
Model		V2403-CR-E4B
Emissions Regulations	US EPA	Tier 4 Final
US EPA Engine Family		EKBL02.4END
Output at Rated Speed (2700 rpm)	HP	49
Number of Cylinders		4
Aspiration		Naturally Aspirated
Displacement	cu in (L)	147 (2.4)
Engine Speed (Unloaded)	rpm	1600
Engine Speed (Maximum Loaded)	rpm	2700
Engine Oil Capacity	US Gal (L)	2.5 (9.5)
Engine Coolant Capacity	US Gal (L)	2.5 (9.5)
Fuel Tank Capacity	US Gal (L)	25 (90)
Fuel Consumption @ 0% Load	Gal/Hr (L/Hr)	.93 (3.52)
Fuel Consumption @ 100% Load	Gal/Hr (L/Hr)	2.37 (8.97)
Electrical System (Negative Grounded)	V	12
Battery Capacity (Cold Cranking Amps)	A	1100
Dimensions		
Support Mounted	lb (kg)	2060 (934)
Support Mounted	Inches	86 x 34 x 57

*According to ISO1217 ed 3.2009 annex D

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STANDARD FEATURES

- Extremely reliable 49 HP Cat engine
- (EPA / CARB Compliant)
- The most efficient air end in the compressor industry
- Control panel conveniently located narrow end of machine, designed to be operator high while mounted on truck or trailer
- Discharge valves on the same end as control panel
- Easy access to filters and the oil separator tank
- Fluids and service points plumbed to edge of machine for easy access
- Protective shutdown system to prevent damage
- Single point lifting structure
- Thermostatic by-pass valve, for superior cold climate operation

OPTIONS

- Extra Gauge (Air Discharge Temp, Voltmeter, Coolant temp, Oil Pressure, Tachometer, Keyed Ignition)
- 120A Alternator
- Throttle Control
- 90 degree Outlet Flange
- Block heater*
- Heavy duty battery*
- Synthetic oil*

*Recommended for cold climates



Danger: Compressed air should never be supplied as breathing air unless air is properly purified for breathing. Atlas Copco assumes no responsibility or liability related to the purchaser's/user's breathing air system

