

## DATA SHEET

### KAP180-20DA HU Compressor

Free standing silenced diesel driven compact and robust high pressure air compressor, designed, engineered and built to meet the exacting demands of industrial applications. Compressor mounted on frame with shock absorbers for fitting onto a skeletal trailer. Trailer is constructed from rolled steel sections, with close coupled twin beam axles and can be fitted with double width sand tyres. Equipment suitable for use in outdoor applications. Finished paintwork to be according to customer specifications.

#### TECHNICAL DATA BASED ON ATMOSPHERIC CONDITIONS OF 1.013 BAR G @ 20°C

Medium	Air
Ambient temperature	5 to + 45°C
Max permissible allowed pressure	330 Bar g
Capacity - Free air delivery	650 l/min + 5%
Power	22 Kw
Speed	1350 rpm
Number of compression stages	4
Number of cylinders	3
Drive	Vee belt
Cooling airflow - Minimum requirement	5700 M <sup>3</sup> /Hr (apprx)

#### DRIVE MOTOR

Diesel	Lombardini Sileo 1400, 4 cylinder.
Type	Watercooled
Rating	22 Kw
Electrics	12v DC
Safety features	Chalwyn valve and spark arrestor

#### BREATHING AIR FILTRATION SYSTEM

BAUER P61 breathing air processing and filter system supplying air to international standards

#### SECURUS monitoring system

[www.sabreh2s.com](http://www.sabreh2s.com)



#### CYLINDER FILLING PANEL

Standard filling panel allows one or two cylinders to be filled simultaneously at either 200 or 300 barg, panel comprising:

- 4 x Lever operated charge/vent valves with integral solid particle filters
- 4 x 1 metre long hoses
- 2 x PN200 and 2 x PN300 cylinder connections
- 2 x PN200 to Yoke adapters
- 1 x Change over valve
- 1 x 63mm dia. cylinder filling pressure gauge

#### MANUFACTURING TESTING STANDARDS

Manufacturing	In accordance with the German regulation and standards
Testing	Bauer standard in accordance with DIN 50049 3.1B

#### QUALITY ASSURANCE

BS EN ISO 9001:2000

#### DIMENSIONS AND WEIGHTS (Approx)

Length	2300 mm
Width	1200 mm
Height	1500 mm