SS Range

SOLID AIR

# Specification Sheet

**Model:** SS55 **Code:** FHOGD-055F

## Compressor Package

| | | |
|---|---|---|
| Model: | | SS55 |
| Make: | | SolidAir |
| Country of Origin: | | RSA / China |
| Free Air Delivery (lt/min / cfm) at the listed working pressure: | **kPa / psi** | **lt/min / cfm** |
| | 700 / 102 | 10500 / 371 |
| | 800 / 116 | 10000 / 353 |
| | 850 / 123 | 9600 / 339 |
| | 1000 / 145 | 9000 / 318 |
| Drive: | | Direct |
| Rotar Speed (r.p.m): | | 2970 |
| Regulation: | | Modulate Control |
| Noise Level (dB(A): | | 70-72 |
| Method of cooling: | | Air |
| Final air discharge temp above ambient ($^0$C): | | ≤10 |
| Max. Ambient Temperature at Sea level ($^0$C): | | 45 |
| Max. Ambient Temperature at 1800 MASL ($^0$C): | | 40 |
| Min. Ambient Temperature ($^0$C): | | 5 |
| Max. oil content in the air at discharge (mg/m$^3$): | | ≤2 |
| Number of stages: | | 1 |
| Total Heat removed (kJ/hr): | | 198000 |
| Fan flow rate (m$^3$/h): | | 17000 |
| Discharge air temp. shutdown ($^0$C): | | 110 |
| Discharge air temp. warning ($^0$C): | | 100 |
| Qty oil fill (lt): | | 35 |
| Air outlet connection (bsp): | | 2” |

## Electric Motor

| | |
|---|---|
| Type: | TEFC |
| Electric Motor Frame: | 250S |
| Power (kW): | 55 |
| Power (HP): | 75 |
| Voltage / Hz / Ph: | 400 / 50 / 3 |
| Starter: | Star Delta |
| Full load amps: | 92.0 |
| IP Protection: | IP55 |
| Temperature Rise: | b |
| Motor Insulation class: | F |
| Motor speed: | 2 - Pole |
| Breaker size: | 160 Amps Curve D |
| Cable size (under 15m long) (mm$^2$): | 35 |

## Key Parts - Description

| | |
|---|---|
| Air Filter: | CVB-DF10-01-0302 |
| Oil Filter: | CVB-DF10-06-07 |
| Air / Oil Separator: | CVB-DF12-04-19 |
| Oil 5lt: | KBA-ASSYN-005L |

## Dimensions

| | |
|---|---|
| Dimensions (L.W.H. mm) (No Packing): | 2100 X 1300 X 1620 |
| Mass (kg) (No Packing): | 1450 |
| Dimensions (L.W.H. mm) (Packaged): | 2300 X 1450 X 1800 |
| Mass (kg) (Packaged): | 1650 |