

Specification Sheets



Model: BM100-30.0 **Code:** AFB-BM100-30.0 **Cat. Ref:** AH01

Compressor Package

Model:	BM100-30.0
Make:	Solid Air
Country of origin:	South Africa / India
Type of control:	Constant Speed Control
Quoted working pressure (kPa):	700
Max working press.(kPa) (22.0kW @ 1009rpm):	1200
Piston displacement (lit./min):	3143
Actual delivery (FAD)(lit./min @ 700kPa) :	2625
Speed (r.p.m):	1009
Compressor pump model:	B100
Crankcase material:	Cast Iron
Head material:	Cast Iron
Number of stages:	2
Number of cylinders:	3
Cylinder arrangement:	W
Cylinder material:	Cast Iron
Bore LP(mm):	2 X 140
Bore HP(mm):	1 X 102
Stroke (mm):	102
Drive:	Vee drive
No. of Belts:	2
Belt Section:	C
Qty oil fill (lt):	4.3
Dimensions (L.W.H. mm) (No Packing):	1340 X 790 X 910
Mass (kg) (No Packing):	561
Approx Dimensions (L.W.H. mm) (Packaged):	1340 X 900 X 1030
Approx Mass (kg) (Packaged):	576

Electric Motor

Type:	TEFC
Power (kW):	22.0
Power (HP):	30.0
Voltage / Htz / Phase :	380 - 400 / 50 / 3
Full Load Amps (400V):	41.5
Rating:	S1
Enclosure:	IP55
Frame:	180L
Motor Speed:	4 - Pole
Mounting:	(B3) Foot Mounted
Material - Frame:	Aluminium
Breaker Size:	80 Amps Curve D
Cable Size (under 15m) (mm²):	10.0

Key Parts - Description

Code

Intake air filter element: 1off	CAB-32012957
Valve kit with gaskets: 1off	CAB-32229379
Ring kit with gaskets: 1off	CAB-32194003
Compressor oil: 1off 2lt Bottle	KAA-P100-005