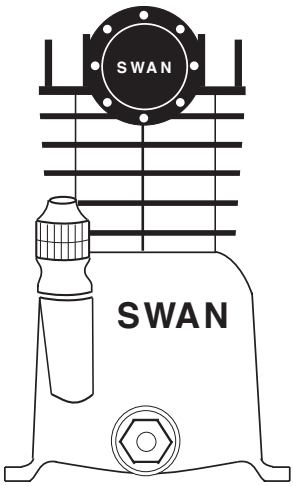
PROAIR®

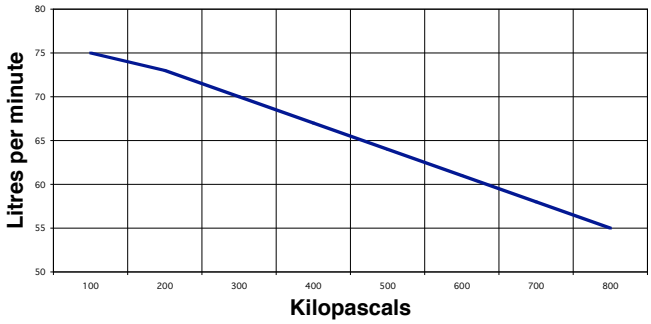
SPECIFICATIONS

SWAN model SP-114
Single stage 1 cyl. air cooled

Rev. No. CS0308-SP114



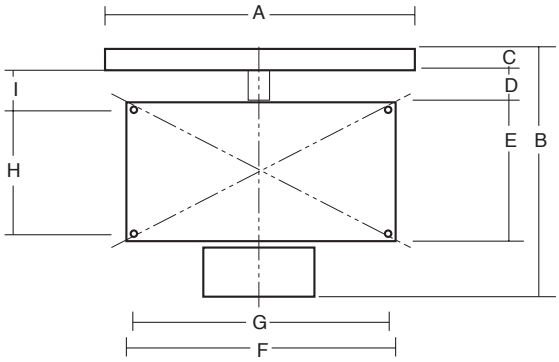
SP-114 PERFORMANCE

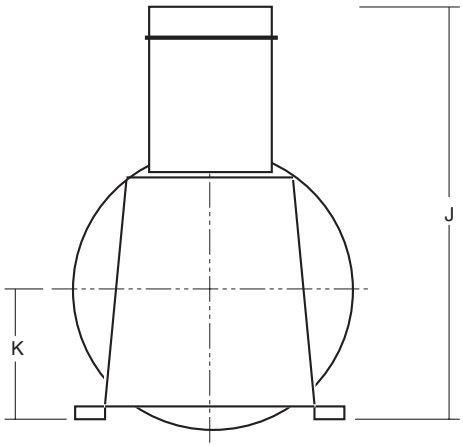


Main Construction Material	Cast Iron	
Bore	mm	50.8
Stroke	mm	38
Minimum Speed	rpm	600
Normal Speed	**rpm**	**1000**
Maximum Speed	rpm	1070
Minimum Working Pressure	kPa	275
Maximum Working Pressure	kPa	792
Minimum Ambient Temperature	Celsius	0°
Maximum Ambient Temperature	Celsius	45°
Air Connection Comp. Fitting	mm	10
Air Cleaners	Dry foam Type	
Bore Lubrication	Splash Feed	
Oil Capacity of Crankcase	Litres	0.150
Type of Drive	V-belt	1A
Approximate Net Weight	kgs	5.5
Rotation Looking at Flywheel	Anti-clockwise	

The following are at normal speed with an ambient temperature of 31.1°C & inlet air of 101 kPa g pressure.

Piston Displacement	L/min	77
Free Air Delivery @ 689 kPa	L/min	58
Shaft Input:		
@ 415 kPa	kW	0.31
@ 551 kPa	kW	0.40
@ 689 kPa	kW	0.54
@ 792 kPa	kW	0.71
Temperature of Air Discharge:		
@ 415 kPa	Celsius	80°
@ 551 kPa	Celsius	88°
@ 689 kPa	Celsius	96°
@ 792 kPa	Celsius	111°
Maximum Lubricant Consumed		
in 100 hours Operation	millilitre	8.64
Noise Level at 1 metre	dB(A)	78





A	160 mm
B	205 mm
C	33 mm
D	22 mm
E	85 mm
F	150 mm
G	130 mm
H	65 mm
I	38 mm
J	238 mm
K	65 mm

Forbes (Aust) Pty Ltd reserves the right to change the specifications of any of its products without prior notice

FORBES (AUST) PTY LTD
Adelaide • Melbourne • Sydney • Brisbane • Perth

599 Port Road, West Croydon, South Australia
ph: +61 8 8268 8877 fax: +61 8 8347 1311 www.forbesaust.com.au