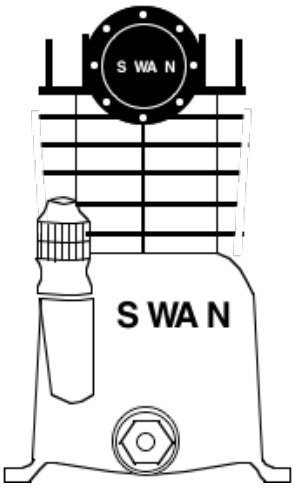
SPECIFICATIONS

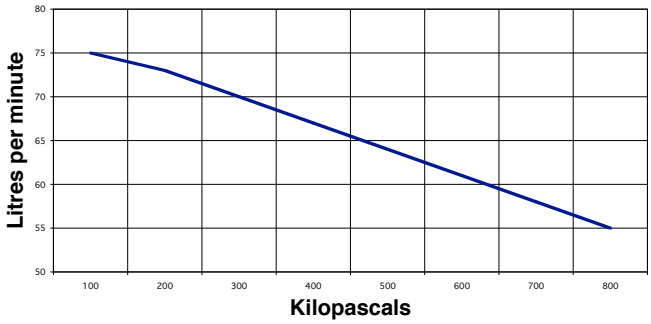
SWAN model SP-114

Single stage 1 cyl. air cooled

Rev. No. CS0308-SP114



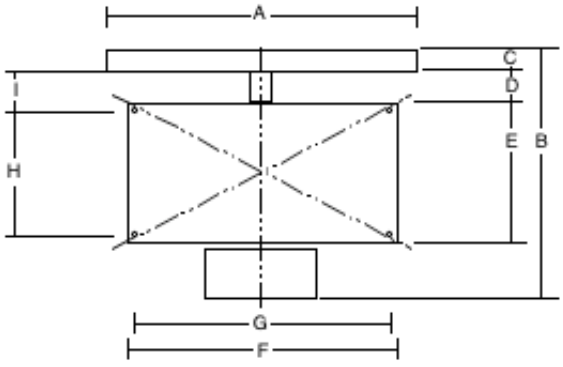
SP-114 PERFORMANCE

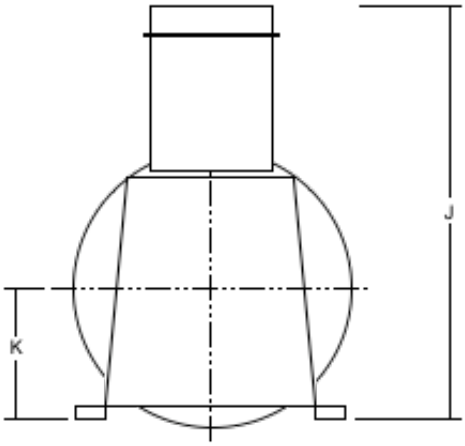


Main Construction Material	Cast Iron	
Bore	mm	50.8
Stroke	mm	38
Minimum Speed	rpm	600
Normal Speed	**rpm**	**1000**
Maximum Speed	rpm	1070
Minimum Working Pressure	kPa	275
Maximum Working Pressure	kPa	792
Minimum Ambient Temperature	Celsius	0º
Maximum Ambient Temperature	Celsius	45º
Air Connection Comp. 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 31.1ºC & 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	80º
@ 551 kPa	Celsius	88º
@ 689 kPa	Celsius	96º
@ 792 kPa	Celsius	111º
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

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