



SPECIFICATION SHEET

Product	Diesel Powered Oil Flooded Screw Air Compressor	Type : Single Stage-TROLLEY-4W	Date(Org) :28/12/2022
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S.No	Description	Units	Data	
A	Model	-	PG 600-230	
B	TPL Number	-	S03296	
1	Duty cycle	-	Continuous Duty	
2	Free Air Delivery (Max)	cfm (m3/min)	600(16.99)	
3	Maximum Working Pressure (g)	bar (kgf/cm ²)	15.86(16.2) ^{+0.0(+0.0)} _{-0.5(-0.5)}	
4	Idling Pressure (g)	bar (kgf/cm ²)	17.52(17.9) ^{+0.5(+0.5)} _{-0.5(-0.5)}	
5	Engine Make	-	VOLVO PENTA	
6	Engine Model	-	TAD843VE-TIER 2	
7	Engine power output - Nett	HP	320	
8	Rated operating Speed	rpm	2000 ⁺³⁰ ₋₀	
9	Idling speed	rpm	1250 ⁺⁵⁰ ₋₀	
10	Fuel consumption at Rated condition	Ltr/hr	47	
11	Engine lube oil capacity	Litres	27	
12	Engine coolant capacity	Litres	35	
13	Battery capacity and quantity	AH & Nos	165, 2nos	
14	Flywheel housing	-	SAE 2	
15	Flywheel	-	SAE 11.5	
16	Fan type and Diameter	mm (inch)	PUSHER,930(36.60)	
17	Maximum - ambient and altitude	°C & m	0 to 50 Deg.C & 1000m	
18	Type of Mounting	-	TROLLEY-4W	
19	Tyre size and Ply rating	Inches	215/75 R15 RADIAL	
20	Recommended maximum Trolley Speed	km/hr	30	
21	Oil recommended	-	ELGI AIR LUBE / AIR LUBE PLUS / AIR LUBE XD	
22	Capacity of separator tank (Full volume)	Litres	110	
23	Oil fill capacity	Litres	60	
24	Initial Oil fill /Refill	Litres	45/15	
25	Fuel tank capacity	Litres	326	
26	Discharge oil temperature	DOT(Ambient<30)	°C	Amb + 55 to 68
		DOT(Ambient 30 to 40)	°C	Amb + 55 to 68
		DOT(Ambient>40)	°C	Amb + 55 to 68
27	Noise level @ 7m distance	dB(A)	83 (+3)	
28	Air outlet port size & Qty	Inches & Nos	2"-1no, 3/4"-2nos	
29	Overall dimensions Max(L x B x H)	Skid / Without under carriage	mm	3650X1700X1640(+/-40)*
		With under carriage	mm	3760X1700X2150(+/-40)*
30	Nett Weight (Dry condition)	kg	3500 MAX	
31	Reference standard for FAD and SFC	-	ISO 1217 Annexure 'D '	
32	Reference standard for Noise level	-	ISO 2151, Second Edition	

Note:-*Overall size excludes Service Cover, Silencer outlet pipe and Service line outlet ball valves.
Type of Trolley Tyre Used : Tubeless Tyre

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