



SPECIFICATION SHEET

Product	Diesel Powered Oil Flooded Screw Air Compressor		Type : Single Stage-SKID	Date(Org) :16/02/2016
Document Category :	Marketing		Revision : R04	Date(Rev) :14/11/2018
S.No	Description	Units	Data	
A	Model	-	PG 600S-230S	
B	TPL Number	-	S03229	
1	Duty cycle	-	Intermittent 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)	16.70(17.0)	+1.0(+1.0) -0.5(-0.5)
5	Engine Make	-	CUMMINS	
6	Engine Model	-	6CTA 8.3 C	
7	Engine power output - Nett	HP	260	
8	Rated operating Speed	rpm	2200	+30 -0
9	Idling speed	rpm	1250	+50 -0
10	Fuel consumption at Rated condition	Ltr/hr	50.22 +/-5%	
11	Engine lube oil capacity	Litres	22	
12	Engine coolant capacity	Litres	45	
13	Battery capacity and quantity	AH & Nos	180 & 2	
14	Flywheel housing	-	SAE 2	
15	Flywheel	-	SAE 11.5	
16	Fan type and Diameter	mm (inch)	PUSHER,914(36.00)	
17	Maximum - ambient and altitude	°C & m	0 to 50 & 1829	
18	Type of Mounting	-	SKID	
19	Tyre size and Ply rating	Inches	NOT APPLICABLE	
20	Recommended maximum Trolley Speed	km/hr	NOT APPLICABLE	
21	Oil recommended	-	ELGI AIR LUBE / AIR LUBE PLUS / AIR LUBE XD	
22	Capacity of separator tank (Full volume)	Litres	165	
23	Oil fill capacity	Litres	65	
24	Initial Oil fill /Refill	Litres	51 / 14	
25	Fuel tank capacity	Litres	NOT APPLICABLE	
26	Discharge oil temperature	DOT(Ambient<30)	°C	Amb + 53 to 67
		DOT(Ambient 30 to 40)	°C	Amb + 53 to 65
		DOT(Ambient>40)	°C	Amb + 53 to 65
27	Noise level @ 7m distance	dB(A)	Max.84.5 ***	
28	Air outlet port size & Qty	Inches & Nos	2 inch - 1 No.	
29	Overall dimensions (L x B x H)	Skid / Without under carriage	mm	3500 x 1350 x 1773 (+/-30)*
		With under carriage	mm	NOT APPLICABLE
30	Nett Weight (Dry condition)	kg	Max. 2660	
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 Silencer and Service line outlet ball valves

*Overall dimensions including Silencer and Outlet ball valve - 3694 x 1379 x 2060 mm (+/-30)

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