



SPECIFICATION SHEET

Product	Diesel Powered Oil Flooded Screw Air Compressor		Type : Two Stage-SKID	Date(Org) :28/01/2021
Document Category :	Marketing		Revision : R02	Date(Rev) :24/03/2022
S.No	Description	Units	Data	
A	Model	-	PG 1250	
B	TPL Number	-	S03267	
1	Duty cycle	-	Intermittent Duty	
2	Free Air Delivery (Max)	cfm (m3/min)	1250(35.40)	
3	Maximum Working Pressure (g)	bar (kgf/cm ²)	23.44(23.9)	-0.5(-0.5) +0.5(+0.5)
4	Idling Pressure (g)	bar (kgf/cm ²)	26.20(26.7)	+1.4(+1.4) -0.0(-0.0)
5	Engine Make	-	CUMMINS	
6	Engine Model	-	NTA855C BIG CAM	
7	Engine power output - Nett	HP	425	
8	Rated operating Speed	rpm	1800	+20 -30
9	Idling speed	rpm	1200	+50 -10
10	Fuel consumption at Rated condition	Ltr/hr	76(MAX)	
11	Engine lube oil capacity	Litres	40	
12	Engine coolant capacity	Litres	70	
13	Battery capacity and quantity	AH & Nos	12, 180, 2Nos	
14	Flywheel housing	-	SAE 1	
15	Flywheel	-	SAE 14	
16	Fan type and Diameter	mm (inch)	PUSHER,1300(51.20)	
17	Maximum - ambient and altitude	°C & m	5 to 50 Deg.C and 2286m	
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	307	
23	Oil fill capacity	Litres	125 (+5)	
24	Initial Oil fill /Refill	Litres	105 / 20	
25	Fuel tank capacity	Litres	NOT APPLICABLE	
26	Discharge oil temperature	DOT(Ambient<30)	°C	AMB + 62 to 78
		DOT(Ambient 30 to 40)	°C	AMB + 59 to 70
		DOT(Ambient>40)	°C	AMB +54 TO 65
27	Noise level @ 7m distance	dB(A)	87 (+3)	
28	Air outlet port size & Qty	Inches & Nos	2" - 1No	
29	Overall dimensions Max(L x B x H)	Skid / Without under carriage	mm	3995X1600X1875
		With under carriage	mm	Not Applicable
30	Nett Weight (Dry condition)	kg	5350 MAX	
31	Reference standard for FAD and SFC	-	ISO 1217 Annexure 'D '	
32	Reference standard for Noise level	-	ISO 2151, Second Edition	

Note:-Not Applicable

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