



SPECIFICATION SHEET

Product	Diesel Powered Oil Flooded Screw Air Compressor		Type : Single Stage-TROLLEY-2W	Date(Org) :29/01/2016
Document Category :	Marketing		Revision : R05	Date(Rev) :22/08/2018
S.No	Description	Units	Data	
A	Model	-	PG 185-100	
B	TPL Number	-	S03228	
1	Duty cycle	-	Continuous Duty	
2	Free Air Delivery (Max)	cfm (m3/min)	185(5.24)	
3	Maximum Working Pressure (g)	bar (kgf/cm ²)	6.90(7.0)	+0.0(+0.0) -0.2(-0.2)
4	Idling Pressure (g)	bar (kgf/cm ²)	7.90(8.1)	+0.5(+0.5) -0.2(-0.2)
5	Engine Make	-	KUBOTA	
6	Engine Model	-	V2403-M	
7	Engine power output - Nett	HP	47.7	
8	Rated operating Speed	rpm	2600	+30 -30
9	Idling speed	rpm	1700	+50 -50
10	Fuel consumption at Rated condition	Ltr/hr	10.59 +/-5%	
11	Engine lube oil capacity	Litres	9.5	
12	Engine coolant capacity	Litres	8	
13	Battery capacity and quantity	AH & Nos	75, 1	
14	Flywheel housing	-	SAE 5	
15	Flywheel	-	-	
16	Fan type and Diameter	mm (inch)	PUSHER,447(17.60)	
17	Maximum - ambient and altitude	°C & m	0 to 50 & 1500	
18	Type of Mounting	-	TROLLEY-2W	
19	Tyre size and Ply rating	Inches	175/70, R14	
20	Recommended maximum Trolley Speed	km/hr	70	
21	Oil recommended	-	ELGI AIR LUBE / AIR LUBE PLUS / AIR LUBE XD	
22	Capacity of separator tank (Full volume)	Litres	17	
23	Oil fill capacity	Litres	9	
24	Initial Oil fill /Refill	Litres	6 / 3	
25	Fuel tank capacity	Litres	68	
26	Discharge oil temperature	DOT(Ambient<30)	°C	Amb + 36 to 60
		DOT(Ambient 30 to 40)	°C	Amb + 36 to 58
		DOT(Ambient>40)	°C	Amb + 36 to 58
27	Noise level @ 7m distance	dB(A)	Max. 76	
28	Air outlet port size & Qty	Inches & Nos	3/4 inch - 2 Nos.	
29	Overall dimensions (L x B x H)	Skid / Without under carriage	mm	1854 x 1320 x 1100 (+/-20)
		With under carriage	mm	2910 x 1490 x 1420 (+/-20)
30	Nett Weight (Dry condition)	kg	Max. 860	
31	Reference standard for FAD and SFC	-	ISO 1217 Annexure 'D'	
32	Reference standard for Noise level	-	ISO 2151, Second Edition	

Note:-Overall dimensions @ Towbar dismantled condition (L x B x H) - 1934 x 1490 x 1420 (+/-20) mm

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