



## SPECIFICATION SHEET

Product	Diesel Powered Oil Flooded Screw Air Compressor		Type : Single Stage-SKID	Date(Org) :01/04/2014
Document Category :	Marketing		Revision : R06	Date(Rev) :27/07/2018
S.No	Description	Units	Data	
A	Model	-	PG 400S-175 AC	
B	TPL Number	-	Z03121	
1	Duty cycle	-	Intermittent Duty	
2	Free Air Delivery ( Max )	cfm (m3/min)	400(11.33)	
3	Maximum Working Pressure (g)	bar (kgf/cm <sup>2</sup> )	12.00(12.2)	+0.0(+0.0) -0.5(-0.5)
4	Idling Pressure (g)	bar (kgf/cm <sup>2</sup> )	13.00(13.3)	+0.0(+0.0) -0.5(-0.5)
5	Engine Make	-	CUMMINS	
6	Engine Model	-	6BTA	
7	Engine power output - Nett	HP	169	
8	Rated operating Speed	rpm	2100	+30 -30
9	Idling speed	rpm	1250	+50 -0
10	Fuel consumption at Rated condition	Ltr/hr	32	
11	Engine lube oil capacity	Litres	16.3	
12	Engine coolant capacity	Litres	35	
13	Battery capacity and quantity	AH & Nos	12V x 2 / 120 x 2nos	
14	Flywheel housing	-	SAE 3	
15	Flywheel	-	SAE 11.5	
16	Fan type and Diameter	mm ( inch)	PUSHER,813(32.00)	
17	Maximum - ambient and altitude	°C & m	5 to 50 and 3048	
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	115	
23	Oil fill capacity	Litres	33	
24	Initial Oil fill /Refill	Litres	23/10	
25	Fuel tank capacity	Litres	200	
26	Discharge oil temperature	DOT(Ambient<30)	°C	Amb + 48 (min.) to Amb + 60 (max.)
		DOT(Ambient 30 to 40)	°C	Amb + 48 (min.) to Amb + 60 (max.)
		DOT(Ambient>40)	°C	Amb + 48 (min.) to Amb + 60 (max.)
27	Noise level @ 7m distance	dB(A)	85+3	
28	Air outlet port size & Qty	Inches & Nos	2"-1No, 3/4"-4 Nos	
29	Overall dimensions (L x B x H)	Skid / Without under carriage	mm	2785 x 1340 x 1662 (+/-50) *
		With under carriage	mm	Not Applicable
30	Nett Weight (Dry condition)	kg	2030(Approx)	
31	Reference standard for FAD and SFC	-	ISO 1217:2009 Annexure 'D'	
32	Reference standard for Noise level	-	ISO:2151	

Note:-\* Overall dimension excludes Silencer and Service line outlet ball valves

\* Overall dimension with Silencer, ladder and Ball valve - 3075 x 1440 x 1915mm

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