



SPECIFICATION SHEET

| Product | Diesel Powered Oil Flooded Screw Air Compressor | | Type : Two Stage-SKID | Date(Org):09/11/2021 |
|---------------------|---|-------------------------------|---|--------------------------|
| Document Category : | Marketing | | Revision : R00 | Date(Rev) : |
| S.No | Description | Units | Data | |
| A | Model | - | PG 900-INTL | |
| B | TPL Number | - | S03279 | |
| 1 | Duty cycle | - | Intermittent Duty | |
| 2 | Free Air Delivery (Max) | cfm (m3/min) | 900(25.49) | |
| 3 | Maximum Working Pressure (g) | bar (kgf/cm ²) | 24.13(24.6) | +0.3(+0.3) -0.3(-0.3) |
| 4 | Idling Pressure (g) | bar (kgf/cm ²) | 27.58(28.1) | +0.0(+0.0) -2.0(-2.0) |
| 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 | 68 (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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