

NATIONAL COMPRESSED AIR

NCA 20-24 GSD-B-H2



Technical Data

Flow – SCFM (M ³ /Min)	700
Suction Pressure – PSIG (BARG)	125
Discharge Pressure - PSIG (BARG)	350
Rating Conditions	Sea Level, 20°C and 0% Relative Humidity
Type	Single-Stage Oil Injected Rotary Screw Booster Compressor
Compressor Power – HP (KW)	90 (67)
Fan Power – HP (KW)	7 (5.2)
Heat Rejection – BTU/Min (KW)	2,280 (40)
Dimensions – In (MM) (LxWxH) – Overall	77 x 36 x 66 (1956 x 914 x 1676)
Dimensions – In (MM) (LxWxH) – Air End Module	33 x 33 x 62 (838 x 838 x 1575)
Dimensions – In (MM) (LxWxH) – Engine Module	73 x 36 x 59 (1854 x 914 x 1499)
Weight - Lbs (Kgs)	1,150 (523) + 850 (386) = 2,000 (909)
Engine	Kubota V3800 (Tier 3)
Drive Power (HP)	99 HP @ 2600 RPM
Cooling	Air / Water

*Performance indicated is within +/- 5%

* NCA reserves the rights to modify specifications at any time for product improvement

Standard Equipment:

- Lightweight steel frame suitable for helicopter lifting
- Oil injected single stage energy efficient air end
- Stacked radiator and oil coolers for compact size
- Pre-cooler package with electric fans
- Coalescing / Particulate intake filter
- Full range modulation air intake
- Manual engine throttle control
- Unloading Control
- Heavy duty Kubota diesel engine
- Weatherproof enclosure for control panel
- Heavy duty two-stage engine inlet air filters with safety elements
- Spin-on oil filter
- All service points positioned for ease of maintenance
- Compressor Safety Features:
 - High discharge temperature
 - High receiver temperature
 - Minimum pressure valve
 - Safety relief valve
- Engine Safety Features:
 - Low oil pressure
 - High coolant temperature
- Compressor Controls: Compressor discharge temperature, Receiver air temperature and pressure, Intake filter maintenance indicator
- Engine Controls: Oil pressure, coolant temperature, tachometer/hour meter

Options:

- Winterization Package
- Pre-Cooler Package
- Bush Guard with lifting yoke (1 pick or 2 pick)
- Diesel Fired Engine Heater
- Fuel Tank (Add 16" to overall length)
- Lifting Harness (sling type)
- Adjustable Legs for Compressor
- Muffler/Spark Arrestor
- Inlet Pressure Regulator

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