

# NATIONAL COMPRESSED AIR

NCA 20-24 GSD-B-H2  
700 SCFM @ 350 PSIG at 115 PSIG Suction Pressure



## Technical Data

Flow - SCFM (M <sup>3</sup> /Min)	700
Suction Pressure - PSIG (Barg)	115
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%

## 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 (one pick or two pick)
- Diesel fired engine heater
- Fuel Tank (Add 16" to overall length)
- Lifting Harness (sling type)
- Adjustable Legs for compressor frame
- Muffler/Spark Arrestor
- Inlet pressure regulator