NSN 4310-00-898-9959

Rotary Vacuum Pump Unit - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/4310-00-898-9959 **Brake Horsepower Required:** 1.500 **Mounting Type:** Wheel Stage Quantity: **Intake Connection Quantity: Intake Connection Type:** Unthreaded external **Discharge Connection Quantity: Discharge Connection Type:** Unthreaded external **Drive Connection Type:** Single strand v-belt **Body Surface Treatment:** Any acceptable **Overall Length:** 50.000 inches **Overall Height:** 36.000 inches **Overall Width:** 50.000 inches **Current Type:** Ac **Cooling Medium:** Vacuum Rating: 1.0 millitorr **Pump Quantity: Pump Body Material:** Any acceptable **Specific Gas For Which Designed:** Oxygen **Pumping Element Type:** Sliding vane and rotary piston **Intake Connection Outside Diameter:** 1.000 inches

Err Default: Err default

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Air Displacement Rate:
14.0 cubic feet per minute in free air
System Design:
Corrosive
Prime Mover Type:
Electric motor
Current Rating In Amps:
4.8 and 2.4
Voltage In Volts:
220.0 and 440.0
Phase:
Three
Special Features:
Explosion proof motor
Frequency In Hertz:
60.0
Functional Description:
The pmu-4e, power driven rotary vacuum pump is an independent, self-contained unit; it consists of a rotary vacuum pump driven by an
explosion proof electric motor and explosion proof control equipment mounted on a four castered mobile base with attached handle for
manually moving the equipment; a six foot length of flexible servicing hose with storage tank adapter is supplied for use in connecting the
vacuum pump to the vacuum pump to the storage tank being evacuated; the vacuum pump is designed primarily for evacuating the vacuum
tight annular insulating space of liquid oxygen or nitrogen storage tank to an absolute pressure of five microns or less; the unit is constructed
for that repairs may be accomplished by operating personnel
Entry Date:
85-08-15
Reference Data And Literature:
Af to. 35m12-2-12-1
Specification Or Standard:
Pmu/4e type
Shelf Life:
N/a
Unit Of Measure:

Demilitarization:
No
Filig:
A06700