



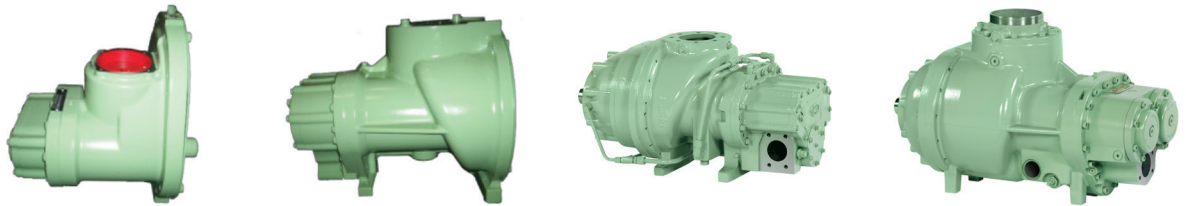
Drill Compressor Kits

Low Pressure
Gas Ends

FLOW (cfm)
110-3600

PRESSURE (psig)
100-200

Series-Single Stage Low Pressure



Series	10	12	16	18
Flow (CFM)*	110-200	200-250	330-500	350-650
Pressure (Psig)*	100-200	100-200	100-200	100-200
RPM	2100	2100	2100	2100
Wt (lbs.)	170	360	640	675
Dim - LxWxH (in.)	18x14x13.5	23x18.5x12	29x18.5x15.3	30.5x19x19.5



Series	20	20XL	25	32
Flow (CFM)*	500-900	900-1050	1200-2000	2000-3600
Pressure (Psig)*	100-200	100-200	100-200	100
RPM	2100	1800/2100	1800/2100	1800/2100
Wt (lbs.)	1240	1380	2650	4000
Dim - LxWxH (in.)	40.3x23.9x18	40.3x23.9x18	54x27.9x24.9	98x37x35

* Operating Capability

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Drill Compressor Kits

Features

Rotors

Precision ground asymmetric profile delivers an optimal combination of capacity and power. Rotor speed range: 15 m/s to 50 m/s on male rotor tip.

Discharge

Several built-in volume ratios offer a range of pressure ratios meeting specific application requirements.

Gears

AGMA Class 11 Gears allow for a variety of internal gear ratios contributing to design optimization and operation economy.

Casing

Heavy duty double-wall cast iron casing provide for structural rigidity, pressure integrity and low noise.

Drive Adaptor

Available drive adaptors (flywheel adaptors or base mounted) offer a convenient means to match up the air end with the drive unit.

Shaft

The steel input shaft can be easily adapted/coupled to the driver with a variety of methods: keyed fit, mechanical locking or shrink-fit coupling hub. Drivers used include natural gas and diesel engines; 1800 rpm, 2100 rpm motors; and variable speed drives.

Bearings

The anti-friction bearings are manufactured from all-steel (no plastic or "yellow metal" cages) construction for superior durability. Tapered roller bearings absorb thrust and radial loads; while straight roller bearings handle opposite end radial loads both contributing to the optimal performance of the rotors, even in the harshest of conditions.

Capacity Controls Options

Capacity controls are an option offered on several models. These controls allow gases that have been only slightly compressed to bypass back into the suction head. Capacity can be manually adjusted or automatically controlled based on pressure signal.

Warranty

Sullair Drill Compressor air ends are warranted for two years against defects in materials and workmanship.

Drill Kit Components:

Typical Compressor Assembly and Loose Parts

- Inlet control valve (Poppet or Butterfly valve assembly)
- Fluid filter
- Oil stop valve
- Housing drive adapter SAE FLYWHEEL ADAPTER OR NO ADAPTER.
- Coupling assembly
- High temperature shut down switch
- Discharge check valve if required

Typical Inlet Filter Assembly

- Inlet filter (filter only shipped loose)

Typical Receiver Tank Assembly

- Separator element
- Separator fluid return line w/sight glass
- Minimum pressure check valve
- Fluid thermal valve
- Pressure relief valve
- Running blowdown valve & shut down blowdown valve
- Coalescing control line filter

Typical Control System

- Regulator panel assembly (350 & 500 PSI)
- Loose regulators (low pressure)