



Keystone Electric Compressor



Compressor

1170/350 with option of 1250/350 gearset

Utilizes OE compressor components

Reich USA shaft coupler

Motor, 500HP, Compressor

WEG, 370kW, 60Hz, 1789rpm, 568FLA, 460Vac

Static discharge for increased bearing life

110V Space heater and winding thermostat

Run Process

Constant 1800rpm with the compressor self-regulated

Cooling motor speed is dependent on discharge temperature, ranging from 1050-1800rpm

Current startup process: 1500A peak over 30 second ramp

Full running load is approximately 550A

Variance to meet customer needs

630kva Isolated Transformer, 600Vac Delta to 480Vac Wye, 60Hz (currently on unit)

Safety shutdowns in place to protect equipment and personnel

Can adapt the unit to the customer's supply voltage

Motor, 30HP, Cooling

WEG, 22kW, 60Hz, 1765rpm, 35FLA, 460Vac

Utilizes same hub assembly as diesel units

Controls

Soft Start controls the compressor motor and regulates the current rush during startup

Variable Frequency Drive (VFD) controls the cooling motor

All controls and drives are mounted to each individual unit

