

## 200 HP VARIABLE SPEED ROTARY SCREW COMPRESSORS

### DRS Series

#### Efficient & Compact

Designed with energy efficient inverter drives and motor combinations, DRS Series variable speed compressors from Champion are built to perform and ideal for environments where air demand fluctuates. The variable speed drive's pressure tracking controls ensure that the compressor only produces as much air as is needed, avoiding artificial demand and extra energy. The compact and serviceable package, engineered for efficiency and performance, provides high capacity air delivery and stable system pressure with minimal installation space. Its service and reliability benefits, along with the unit's small footprint and high efficiency, make it easy to see why the DRS200 sets itself apart from the competition. Best of all, it is affordable.

#### Durable & Silent

Engineered to withstand demanding environments while being whisper-quiet, DRS200 compressors are designed with solid steel base frames, an innovative sound baffling design and powder-coated, heavy gauge, acoustically insulated steel cabinets that feature sound-attenuating foam barriers. This quiet enclosed design keeps the noise inside the cabinet yielding noise levels as low as 79 dBA while delivering the dependable air needed for your application.

#### Advanced Control Solution

DRS Series compressors come equipped with an innovative CSC300 control solution. This reliable LCD controller manages, monitors and maintains optimal operational parameters that keep your investment protected while optimizing system performance. Features include:

- Remote start/stop operation
- Real-time clock with advanced run schedule
- Sequencing control of up to 8 compressors
- Remote fault signals & power restart capability
- Service maintenance reminder
- Advanced motor & phase protection



## DRS200 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR HP	SCFM 100 PSI	SCFM 125 PSI	SCFM 145 PSI	DRIVE CONFIG.	MOUNT	DIMENSIONS L x W x H INCHES	WEIGHT LBS.	SOUND DBA	CONTROLLER	THREE PHASE VOLTAGE 60 HZ
DRS200	200	923	894	840	DIRECT	BASE	114 x 62 x 79	8330	79	CSC300	460

### Innovative Sound Baffling Design

Further reduces noise levels and minimizes air cooling restrictions. The air end intake is located near the opening to improve output & operating temperatures.



### Increase Energy Savings by Aligning Energy Use with Air Demand

The DRS200 Variable Speed Drive:

- Eliminates in-rush current spikes with gradual motor-speed increase on start up
- Eliminates artificial demand with pressure tracking controls ensuring energy use is optimized by producing only as much air as is needed at set pressure
- Ideal for varying demand by delivering maximum operating flexibility with efficient full and part load performance
- Ensures safety with its numerous integrated power monitoring and fault protection technologies

### Dedicated VSD Air Intake & Exhaust

Keeps drive components cool for long life.

### Comprehensive Cooling Design

Includes a dual function air after cooler and oil cooler along with double cooling fans contributing to the production of exceptionally low discharge air temperatures.

### Steel Hydraulic Tubing

Durable, long lasting connections.

### 1:1 Direct Drive

Provides maximum transmission efficiency and durability.

**CHAMPION®**

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