

40-50 HP FIXED SPEED ROTARY SCREW COMPRESSORS

D Series

Uncompromised Performance

A robust design delivers the quality you expect from a Champion rotary screw compressor combined with the high performance and efficiency required for today's continuous use applications. Built with a solid steel base frame and acoustically insulated steel cabinets, the D40-50 compressor package delivers reliably efficient air at whisper-quiet noise levels.

Innovative Integration

The compact and efficient design provides stress-free serviceability with minimal installation space. Innovative component integration results in a simplified, more streamlined package engineered for maximum reliability.

Advanced Control Solutions

Champion's state-of-the-art color touch screen Governor Controller modernizes the process of running and maintaining your compressor. The simple, intuitive navigation and easy to access schematic view makes it easy to maintain system health and operate the compressor.

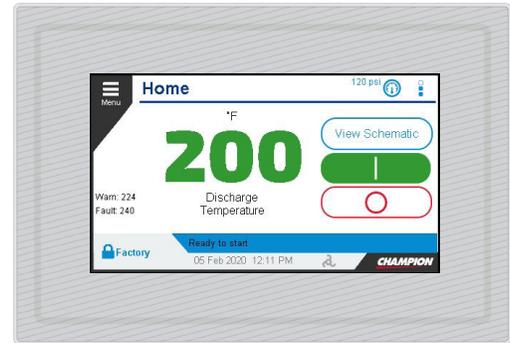


D40-D50 ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR HP	SCFM 110 PSI	SCFM 130 PSI	SCFM 145 PSI	SCFM 175 PSI	DRIVE CONFIG.	MOUNT	DIMENSIONS L x W x H INCHES	WEIGHT LBS.	SOUND DBA	THREE PHASE VOLTAGE 60 HZ
D40	40	183.3	165.8	138.5	137.1	GEAR	BASE	63.1 x 36.6 x 67.8	1900	74	230 / 460
D50	50	222.1	212.9	167.0	164.0	GEAR	BASE	63.1 x 36.6 x 67.8	1930	74	230 / 460

Governor Controller Features

- Color touch screen technology
- Simple navigation and menu structure
- Data logging and trend metrics
- Pressure schedule/timer control
- Schematic view of major package components
- Sequencing of up to four compressors
- iConn connectivity for performance monitoring, predictive maintenance & energy optimization



Package Features

- Protective 2-stage air filter ensures clean air input, extending the airend life and fluid change intervals
- TEFC motor delivering increased protection
- Axial cooling fan and after cooler maintaining critical temperatures
- Steel pipes with Victaulic couplings for premium leak protection
- Efficient gear driven drive train
- Enlarged side service door for easy access to oil filter, thermostatic mixing valve and oil fill/drain ports
- Fork lift slots for ease of transportation and installation
- 5-Year extended warranty coverage



CHAMPION®

1301 North Euclid Avenue
Princeton, Illinois 61356 USA
866-276-4330
www.ChampionPneumatic.com



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