

# Integrated Compressor Solution

## COMPRESSOR / CHILLER SOLUTION



### Standard functionality

- Automatic PID adjustment
- Sleep function
- High energy saving with our Advanced Efficiency Optimization (AEO) function
- Traction Energy Control (TEC)
- Usable for IM, PM and SynRM motors

### Special Frequency Drives

- High speed frequency drives up to 1500 Hz
- Active Magnetic Bearing Drive

## CUSTOMIZATION / OPTIMIZATION



### Customization

- Custom design - mechanical and electrical
- Private label
- Integrated solution
- Intelligent pump function
- Lower cost, higher performance and easier maintenance

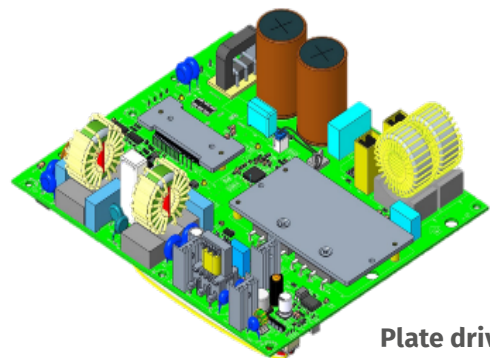


Plate drive

# Compressor Solution Overview

## CFP2000



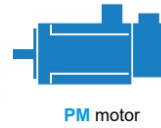
**Standard** IP41/IP55 / 0-599 Hz

Power ranges:

200V series: 0.75 – 45 kW  
400V series: 0.75 – 90 kW  
575V series: 1.5 – 45 kW



IM motor



PM motor



SynRM motor

## CP2000



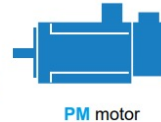
**Standard** IP20/IP00 / 0-599 Hz

Power ranges:

200V series: 0.75 – 90 kW  
400V series: 0.75 – 630 kW  
575V series: 1.5 – 15 kW  
690V series: 18.5 – 630 kW



IM motor



PM motor



SynRM motor

## C2000-HS



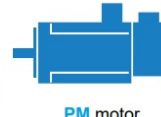
**Standard** IP20/IP00 / 0-1500Hz

Power ranges:

400V series: 30 – 355 kW



IM motor



PM motor

## C2000/ C2000+



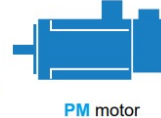
**Standard** IP20/IP00 / 0-599 Hz

Power ranges:

200V series: 0.75 – 90 kW  
400V series: 0.75 – 560 kW  
575V series: 1.5 – 15 kW  
690V series: 18.5 – 630 kW



IM motor



PM motor



SynRM motor

### Many possibilities, solutions for any application

- Advanced Efficiency Optimization (AEO) function
- Traction Energy Control (TEC)
- Vibration suppression
- Resonance control
- C2000 for high speed applications
- Intelligent pump control
- Multi-Pump control mode
- Constant pressure control
- Auto detection of water suspension
- Smart PID for leakage detection
- Fire mode
- Advanced flying start



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