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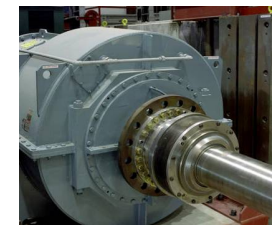
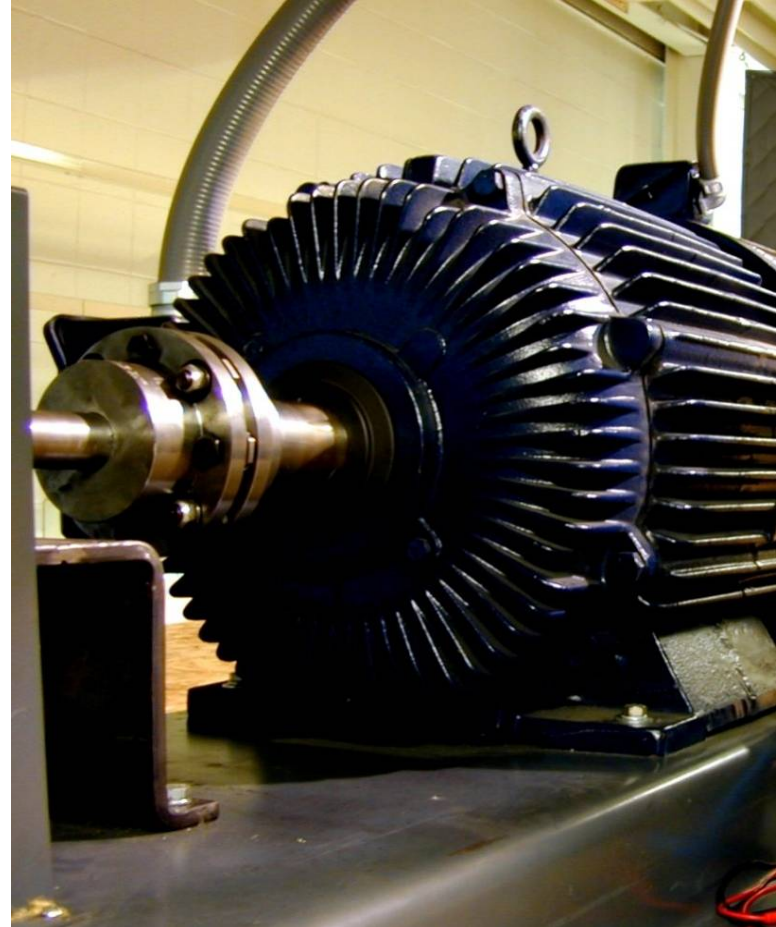
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aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



AC890PX Drive Solutions for Test Stands and Dynamometers

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ENGINEERING YOUR SUCCESS.

HA471721

AC890PX – A unique high power AC drive from Parker SSD Drives with modular architecture. Takes up less floor space than the competition. Pluggable PowerPak Modules mean less downtime. 380, 415, 460, 575, and 690 volt units give it global flexibility. And we include the line fuses, AC disconnect, dynamic braking, and line reactor for easy installation!

4- mode operation

- Volts/Hz
- S-Vector
- Flux Vector
- Servo (PMAC)

Motors supported:

- AC Induction
- PM Torque Motor
- PM synchronous
- Brushless AC servo



Applications:

- Chassis Dynamometers
 - Motorcycle
 - 2WD and 4WD Auto
 - Truck
- Engine Dynamometers
 - Gasoline
 - Diesel
 - Electric motor
 - Turbine
- Transmission Dynamometers
 - Single drive
 - Cross-drive
- Universal Dynamometers

Communications:

- IEEE 1394A, 1394B FireWire
- DeviceNet
- CanOpen
- Profibus
- ControlNet
- Ethernet/IP
- Modbus/TCP

Parker SSD Drives delivers what dynamometer manufacturers and users demand:

- Accurate speed and torque control
- Energy savings and efficiency
- Unlimited duty cycle
- Overload protection
- No routine maintenance required
- Self contained units with no need for water
- Reliability and minimal downtime

AC Advantages:

Dynamometers using water brakes, eddy current clutches, or other mechanical absorbers use high amounts of energy and create nothing but heat. The AC890PX with AFE puts the load energy back on your power lines. Unlike regenerative DC drives, the power from the AFE is clean, with under 3% THD, and at unity power factor.



Minimize downtime:

PowerPak Modules slide on tracks and plug into bus system, and can be changed out in minutes. Modules weigh under 50 lbs for ease of handling and hassle-free shipping.



AC drives are easy to control and extremely accurate in both speed and torque. They can communicate using most popular industrial protocols.

The AC drive and motor can not only absorb energy, but also power your load as a universal or active dynamometer.

