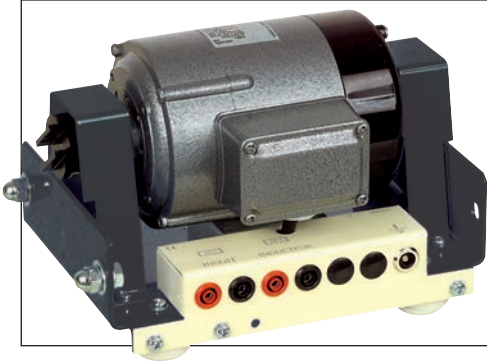


RANGE 90W - 230V & 24V ROTARY MACHINES & COMPATIBLE ITEMS

DC SERIES WOUND MOTOR



- Voltage : 230V
- Current : 1,2A
- Dim. 210 x 150 x 150mm

ref. SE90

DC SHUNT MOTOR SEPARATE WINDING



- Dim. 210 x 150 x 150mm
- Works as motor or generator
- Induced Voltage: 230V/0.75A
- Field excitation voltage: 230V/90mA

ref. SH90-220

- Induced Voltage: 24V/6.4A
- Field excitation voltage: 24V/0.62mA

ref. SH90-24

Built-In tachogenerator (See text box)

DC MOTOR PERMANENT MAGNET



- Dim. 210 x 150 x 150mm
- Induced Voltage: 230V/0,6A

ref. AI90-220

- Induced Voltage: 24V/5,5A

ref. AI90-24

Built-In tachogenerator (See text box)

DC GENERATOR SHUNT ON ROCKING STAND



- Dim. 210 x 150 x 150mm
- Induced Voltage: 180V/0,5A
- Field excitation voltage: 230V/90mA

ref. GE90-220

- Induced Voltage: 24V/6.4A
- Field excitation voltage: 24V/0.56mA

ref. GE90-24

Built-In tachogenerator (See text box)

Built-In Torque sensor (See text box)

DC SPEED CONTROLLERS



For 230V

ref. VAR126P

For 24V

ref. VAR24D

compatible

POWER SUPPLY FOR 230V

Adjustable between 0 and 240V DC or AC, this power with voltmeter and ammeter delivers a permanent 3A current. It is protected by a thermal magnetic circuit breaker. Protection of the user is done by separation of circuits. Filtering is done by capacitors.



ref. ISOSEC1

INERTIA WHEEL

The inertia wheel VOL90 connects to all the machines and can be also inserted between two machines

- Mass of wheel 5.5kg.
- Moment of inertia = 0.011kgm²



ref. VOL90

POWER SUPPLY FOR 24V



Adjustable voltage 0 to 30V
Adjustable current 0 to 6A
Protected against overload and short circuit

ref. GPR3060D

3-PHASE ASYNCHRONOUS SQUIREL CAGE MOTOR

- Dim. 210 x 150 x 150mm
- Induced voltage separate windings 230-400V / 0.2-0.36A by phase
- Associated converter: VAR90R

ref. TR90-220

- Induced voltage separate windings 24-42V / 6.6A-3.8A by phase
- Associated converter: VAR24S

ref. TR90-24



compatible

SPEED CONTROLLERS

The three-phase motors can be controlled by this converter from 10 to 150% of their normal operating speed.

3 x 230V on terminals

ref. VAR90R

3 x 24V on terminals

ref. VAR24S



SINGLE-PHASE CAPACITOR MOTOR

- Dim. 210 x 150 x 150mm
- Voltage: 230V
- Current: 0.8A
- Capacitor: permanent

ref. MO90-220

- Voltage: 24V
- Current: 7.6A
- Capacitor: permanent

ref. MO90-24



TACHYMETER



TAC-90 displays in rpm the rotary speed of machines SH90, AI90, GE90 by converting the frequency of the tachogenerator into a voltage. Display 4 1/2 digits. Analog output 0-10V 5 mA max.

ref. TAC90

compatible

TACHOGENERATOR BUILT-INTO THE SH90 & AI90 & GE90



The machines SH90, AI90 & GE90 are equipped with a tachogenerator. It's an alternating tachometer which provides a voltage & a frequency proportional to the speed of rotation.

- frequency: 200Hz at 1000rpm
- Voltage: 5VAC at 1000rpm

DIGITAL TORQUE METER



It displays via a DIN plug, the strength of torque of generator GE90 and brake FR90.

Analog output: 0 to 10V 2mA max.

ref. GAMA96

compatible

TORQUE SENSOR BUILT-INTO THE GE90 & FR90



The machines GE90 & FR90 are equipped with a torque sensor. It's an aluminium construction equipped with a strain gauge in Wheatstone bridge. Sensitivity: 10mV/Nm Maximum stress: 1Nm Supply: 6V DC

compatible

POWDER BRAKE

- Break voltage: 0-10V DC
- Current: 0-60mA locking at 60mA
- Dim. 210 x 150 x 150mm

Built-In Torque sensor (See text box)

ref. FR90

ref. FR-DYN90

FR-DYN90 = FR90 but with DC tachogenerator for data acquisition 10V/1000rpm

