



RKB[®]

B17 RACK SYSTEM



RKB[®]

Stand alone multi-axis (from 2 to 6) power supply for B17 brushless servodrives (all models) for axis up to 20 Nm

Typical applications are: Systems where multiple axis are required, such as: Woodworking Machines, Milling Machines and Printing Machines.

STANDARD FEATURES

- ✓ On-board Power Supply
- ✓ Available from 2 to 6 axis plus Dumping Circuit
- ✓ Very compact design

SPECIFICATIONS

- ✓ Supply voltage range: (B17A60 = 44 VAC)
(50±60 Hz) (B17B140 = 95 VAC)
(B17C200 = 145 VAC)
(B17D300 = 240 VAC)
- ✓ Operating temperature: 0 ÷ 40 °C (32÷104°F)
- ✓ Power range: from 30 to 100 Arms
- ✓ Integrated ventilation: where required
- ✓ Braking power: up to 200 W (internally resistors)
up to 800 W (external resistors)
- ✓ Humidity: 10÷95% w/out condensation

RKB SYSTEM - SELECTION GUIDE (see ordering code)

When choosing a Rack System, it is important to establish the configuration:

- 1) number of axis required for application;
- 2) B17's characteristics (model, size, options) see B17 digital data sheet;
- 3) Determine the power of dumping circuit card (consult Axor's technical staff)

STANDARD MODELS AVAILABLE

RKB MODELS SINGLE PH POWER SUPPLY	BUS VOLTAGE "A" TYPE (FOR B17A60)	BUS VOLTAGE "B" TYPE (FOR B17B140)	BUS VOLTAGE "C" TYPE (FOR B17C200)	BUS VOLTAGE "D" TYPE (FOR B17D300)
	RACK PART NUMBER	RACK PART NUMBER	RACK PART NUMBER	RACK PART NUMBER
RKB03/36M035...-RX-D-S-VOO-N	94100021	94100048	94100057	94100066
RKB04/48M070...-RX-D-S-VOO-N	94100039	94100049	94100058	94100067
RKB05/60M070...-RX-D-S-VOO-N	94100040	94100050	94100059	94100068
RKB06/84M070...-RX-D-S-VOO-N	94100041	94100051	94100060	94100037
RKB07/92M070...-RX-D-S-VOO-N	94100042	94100052	94100061	94100069

RKB MODELS THREE PH POWER SUPPLY	BUS VOLTAGE "A" TYPE (FOR B17A60)	BUS VOLTAGE "B" TYPE (FOR B17B140)	BUS VOLTAGE "C" TYPE (FOR B17C200)	BUS VOLTAGE "D" TYPE (FOR B17D300)
	RACK PART NUMBER	RACK PART NUMBER	RACK PART NUMBER	RACK PART NUMBER
RKB03/36T050...-RX-D-S-VOO-N	94100043	94100032	94100008	94100033
RKB04/48T100...-RX-D-S-VOO-N	94100044	94100053	94100062	94100013
RKB05/60T100...-RX-D-S-VOO-N	94100045	94100054	94100063	94100016
RKB06/84T100...-RX-D-S-VOO-N	94100046	94100055	94100064	94100031
RKB07/92T100...-RX-D-S-VOO-N	94100047	94100056	94100065	94100070



DESCRIPTION

The RKB[®] System is a technologically integrated system.

You can integrate one small system having up to 6 different axis and one single power supply and dumping circuit.

This system is cost effective, efficient and designed for high performance.

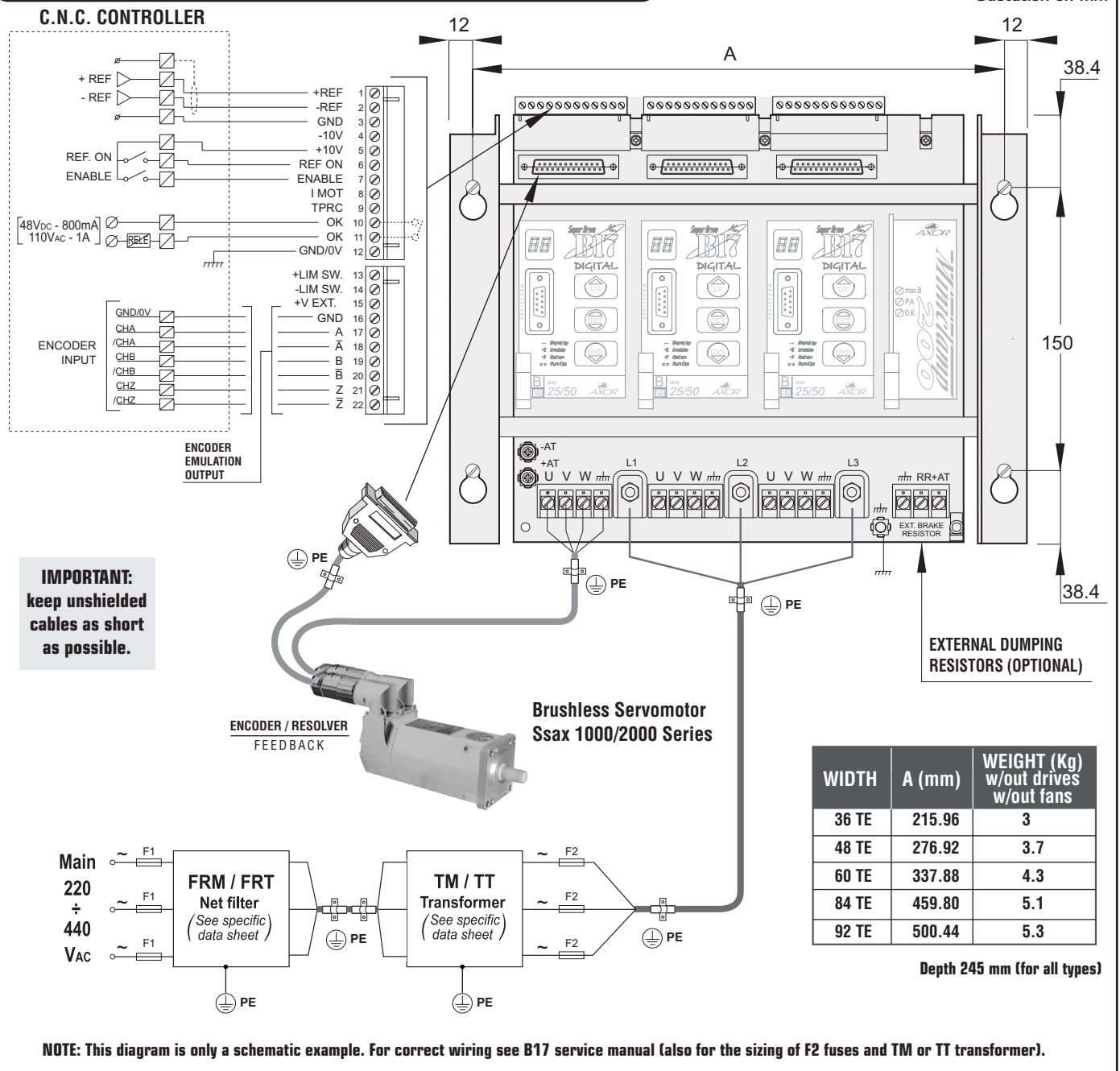
ACCESSORIES

(see specific data sheets for details)

- ✓ SERVODRIVES
 - B17: for AC servomotors up to 20 Nm
- ✓ DUMPING CARDS
 - SHR: braking power, 50÷800 W
- ✓ TRANSFORMERS
 - TM/TT: single/3ph, 100÷8000 Va
- ✓ NET FILTERS (for CE compliance)
 - FRM/FRT: single/3ph, 2÷16 Arms

MECHANICAL DIMENSIONS & ELECTRICAL CONNECTIONS

Drawings are not to scale (see quotations)



All dimensions are in mm To obtain the dimensions in INCHES, divide mm by 25.4 Ex: $\frac{215.96 \text{ mm}}{25.4} = 8.502 \text{ Inches}$

ORDERING CODE
Example:

RKB 03 / 36 T 050 D - RX - D - S - V00 - N - 94100033

NAME: Rack system for B17 drive

TOTAL NUMBER OF SLOTS (3 to 7):
Axis slot+dumping circuit slot
(Ex: 03 = 02 drives+dumping slot)

WIDTH: (TE) see table on reverse
(Ex: 36 = 36 TE)

POWER SUPPLY MODE:
M = single phase
T = three phase

MAX CONTINUOUS DC-BUS CURRENT:
(Ampere) see table on reverse
(Ex: 050 = 50 Aoc-bus)

BUS VOLTAGE:
A = for B17A60
B = for B17B140
C = for B17C200
D = for B17D300

DUMPING PREDISPOSITION:
RX = for SHR with internal resistors (standard)
RR = for SHR with external resistors (optional)

RACK PART NUMBER

CUSTOM MADE:
N = standard
C = customized

FAN COOLING:
V00 = w/out fans
V10 = 110 Vac, fans (all slots)
V20 = 220 Vac, fans (all slots)
V30 = 24 Vdc, fans (all slots)

PROTECTION:
S = standard
T = tropicalized (optional)

DRIVE VERSION:
D = digital
A = analog