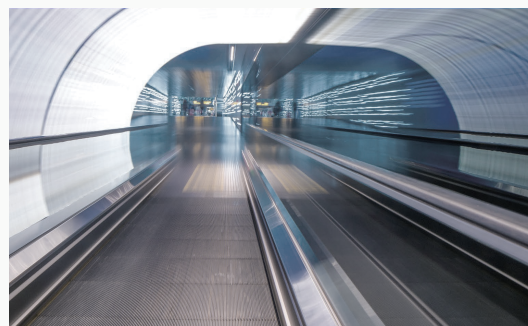




# GK200

## General Purpose AC Drives

GK200 series is a general-purpose AC drive with V/Hz & SVC control, jointly designed and produced by GTAKE and its partner company. It's powerful in performance, reliable in quality and optimized in structure. Widely used in various applications including textile, paper making, CNC, packaging, conveyor, blower & pump and many others.



### POWER RATINGS

1AC 220V 0.75-5.5kW 3AC 220V 0.75-160kW 3AC 380V 0.75-630kW

## Versatile & Multifunctional

Promoted V/Hz

SVC

Multi-step Freq.

ModBus-RTU, RS485 & ProfiBus

Detachable Control Panel

I/O options

Frequency Binding

Parameter Copy & Backup

Flying Start

Precise autotune

Parameter Displayed & Hidden

Master & Auxiliary command & switchover

PID

FDT

S-curve

Simple PLC

2 Motor Switchover

Wobble Frequency Control

Fixed Length Control

Droop Control

Skip Frequency

Count Function

Preeminent Field-weakening Control

V/Hz Separated Control

Common DC Bus

Over Excitation Brake

Mechanical Brake

Restart Upon Power Loss

Cycle-By-Cycle Current Limit

Motor Thermal Protection

Stall Protections

.....

|               |    |                  |    |                      |    |
|---------------|----|------------------|----|----------------------|----|
| Analog Input  | ×3 | Analog Output    | ×2 | Relay Output         | ×2 |
| Digital Input | ×6 | Digital Output*2 | ×2 | Communication Port*3 | ×1 |

\*3 RS485/ModBus ONLY 4800/9600/19200/38400/57600/115200bps  
Maximum distance - 500m

**GK200-4T7.5B**

Rated power

Model

2: 200V level    4: 400V level    6: 690V level

T: Tri-phase    S: Single phase

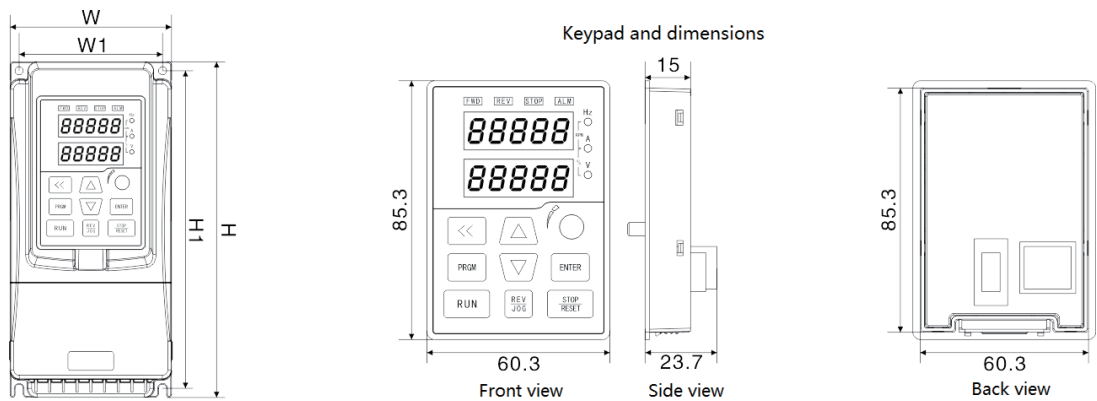
B: With built-in braking chopper

| Power            | Motor |     | Rated Output<br>Current (A) |
|------------------|-------|-----|-----------------------------|
|                  | kW    | HP  |                             |
| 1AC 220~240V±15% |       |     |                             |
| 0.75kW           | 0.75  | 1   | 1                           |
| 1.5kW            | 1.5   | 2   | 7                           |
| 2.2kW            | 2.2   | 3   | 9.6                         |
| 4.0kW            | 4.0   | 5   | 17                          |
| 5.5kW            | 5.5   | 7.5 | 25                          |

| 3AC 380~460V±15% |        |     |      |
|------------------|--------|-----|------|
| 0.75kW           | 0.75kW | 1   | 2.8  |
| 1.5kW            | 1.5    | 2   | 4.4  |
| 2.2kW            | 2.2    | 3   | 5.8  |
| 4.0kW            | 4.0    | 5   | 10   |
| 5.5kW            | 5.5    | 7.5 | 13   |
| 7.5kW            | 7.5    | 10  | 17   |
| 11kW             | 11     | 15  | 25   |
| 15kW             | 15     | 20  | 32   |
| 18.5kW           | 18.5   | 25  | 37   |
| 22kW             | 22     | 30  | 45   |
| 30kW             | 30     | 40  | 60   |
| 37kW             | 37     | 50  | 75   |
| 45kW             | 55     | 75  | 110  |
| 55kW             | 55     | 75  | 110  |
| 75kW             | 75     | 100 | 152  |
| 90kW             | 90     | 125 | 176  |
| 110kW            | 110    | 150 | 210  |
| 160kW            | 160    | 210 | 304  |
| 185kW            | 185    | 250 | 350  |
| 200kW            | 200    | 260 | 380  |
| 220kW            | 220    | 300 | 426  |
| 250kW            | 250    | 330 | 465  |
| 280kW            | 280    | 370 | 520  |
| 315W             | 315    | 420 | 255  |
| 350kW            | 350    | 470 | 650  |
| 400kW            | 400    | 530 | 725  |
| 450kW            | 450    | 600 | 820  |
| 500kW            | 500    | 660 | 900  |
| 560kW            | 560    | 750 | 1000 |
| 630kW            | 630    | 840 | 1100 |

| 3AC 220~240V±15% |      |     |     |
|------------------|------|-----|-----|
| 0.75kW           | 0.75 | 1   | 1   |
| 1.5kW            | 1.5  | 2   | 7   |
| 2.2kW            | 2.2  | 3   | 9.6 |
| 4.0kW            | 4.0  | 5   | 17  |
| 5.5kW            | 5.5  | 7.5 | 25  |
| 7.5kW            | 7.5  | 10  | 32  |
| 11kW             | 11   | 15  | 45  |
| 15kW             | 15   | 20  | 60  |
| 18.5kW           | 18.5 | 25  | 75  |
| 22kW             | 22   | 30  | 90  |

Above 22kW, please refer to the user manual



MORE

Further information is procurable through following sources:



PRODUCT CATALOG



OFFICIAL WEBSITE



@GtakeElectric



@Gtake

SOCIAL MEDIA

