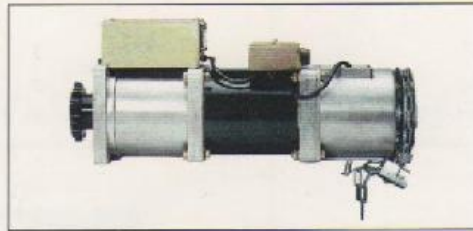
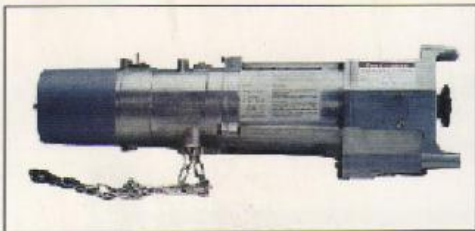


# Matsuda

The Necker-Matsuda Group with over 10 years history and experience has developed and manufactured motors and home improvement products for internationally reputable companies in over 26 countries. All our products with the "Matsuda" brand name are made to comply with international standards such as UL, JIS, CE & BS.

## NE Japanese Fire Shutter Motors



## Motorized Retractable Awning/Shutter



## Motorized Roller Blind/Auto-Door



### 1. Motors & Accessories

- Japanese Design Roller Shutter Motors
- Tubular Motors For Awnings, Blinds, Shades, Projection And Stage Screens, Roller Shutters and Etc.

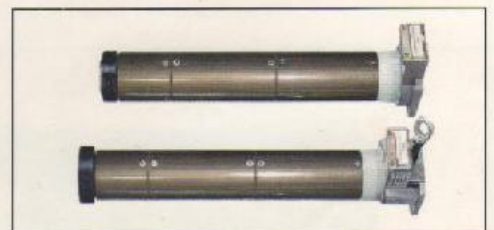
### 2. Motorized Retractable Awnings

### 3. Motorized Roller Blinds, Sunshades, Screens, Bamboo Chicks

### 4. Home improvement products: Motorized Laundry Dryer, Projection Screens, Mosquito Screens and etc.

### 5. OEM assignment accepted

## EM Tubular Motors



## Singapore Regional HQ

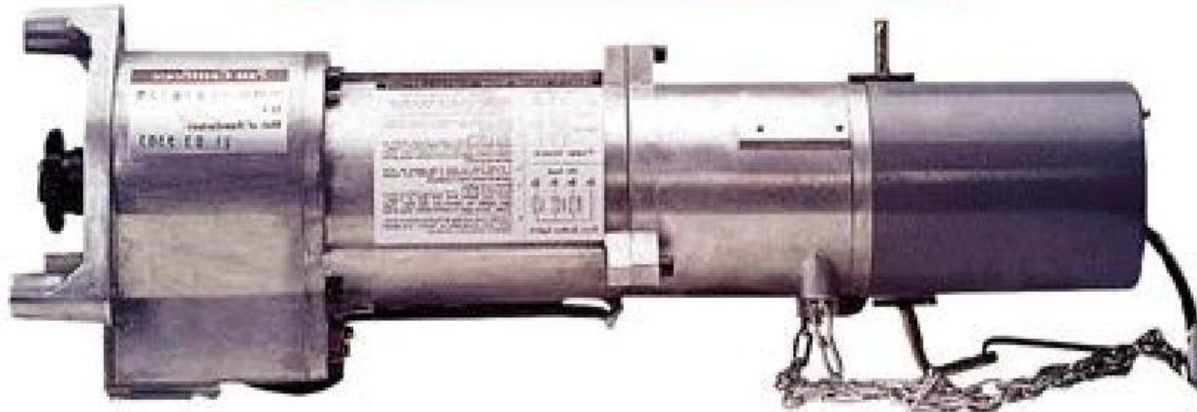
Bik 531 Bedok North St 3  
#01-696, Singapore 460531  
Tel:(65)6243 6011 Fax:(65)6243 9395 E-mail:neckersp@singnet.com.sg

[www.matsuda-necker.com](http://www.matsuda-necker.com)

OEM & Manufacturer of motors for roller shutters, tubular motors, blinds and home DIY products

# NE200-NE300 Range...

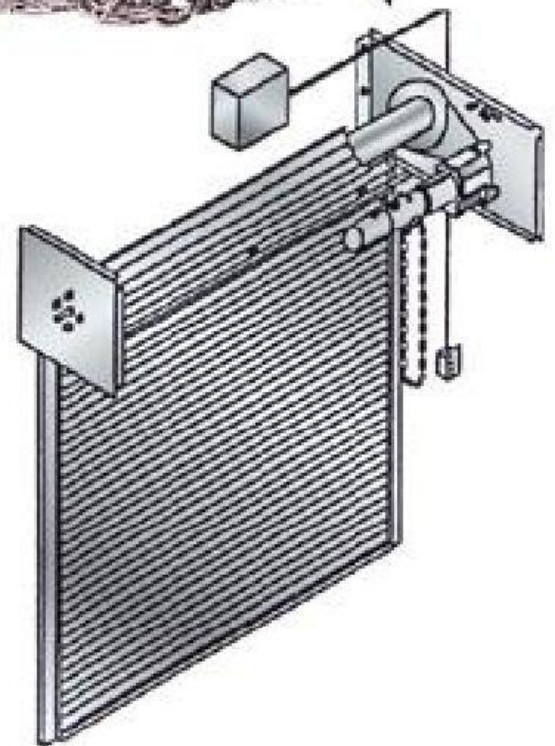
Security and Fire Shutter Operators



Made to :  
CE, IEC, JIS and BS Standards

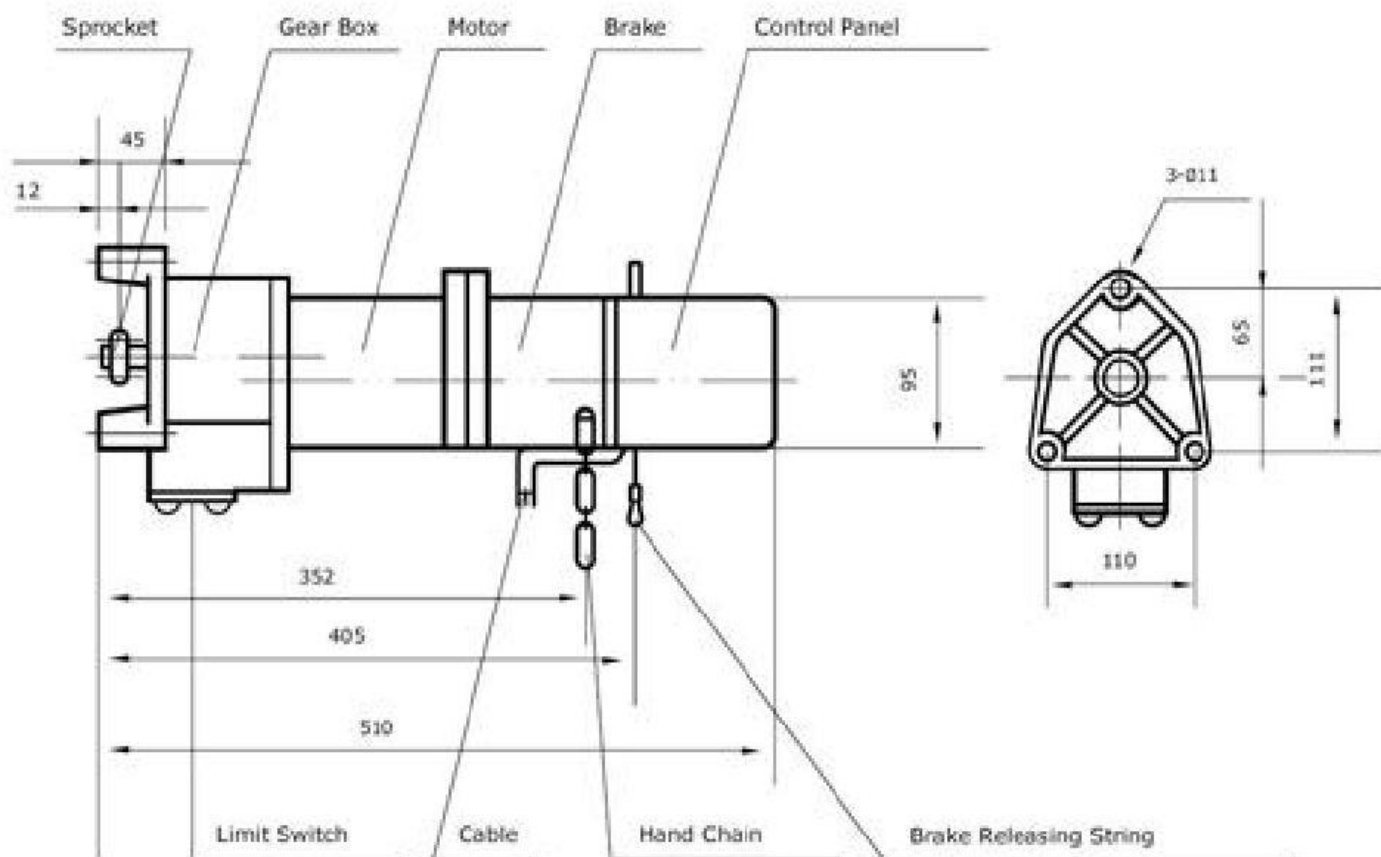
## Features

- *3-Phase and 1-Phase available*
- *Return Signal Wiring*
- *Complete Bracket Set available*
- *Controlled Descent*
- *Emergency Hand Chain with Floor Level*



OEM & Manufacturers of motors for  
roller shutters, tubular motors, blinds & home DIY products

# NE200-NE300 Range...



## Specifications

Model	NE 200S		NE 300S		NE 200T		NE 300T	
Weight (kg)	10		10		11		11	
Length (mm)	510		510		510		510	
Torque (N.m)	50		60		50		60	
Min Fall Torque (N.m)	1.8		1.8		1.8		1.8	
Voltage (V)	230		230		415		415	
Frequency (Hz)	50	60	50	60	50	60	50	60
Current Rating (Ampere)	1.4	1.6	1.6	1.8	0.8	1.0	1.0	1.2
Power Rating (Watt)	125	150	150	170	125	150	150	180
Motor Revolution (r.p.m)	1400	1100	1400	1100	1400	1100	1400	1100
Number of Poles (P)	4	6	4	6	4	6	4	6
Thermal Protector (In-house°C)	125		125		125		125	
Motor Insulation (Class)	B		B		B		B	
Output Revolution (r.p.m)	23.5	18.5	23.5	18.5	23.5	18.5	23.5	18.5
Limit Range (Sprocket Turns)	59		59		59		59	
Time Rating (Min)	<10		<10		<10		<10	
Motor Sprocket Size	10T#40		10T#40		10T#40		10T#40	