

## IP54 Enclosed digital starter - range 30kw to 90 kw

### Benefits over Star Delta

- **ELECTRICAL:** Control Starting Current Inrush
- **MECHANICAL:** To Reduce Starting Overload Torque
- **APPLICATION:** To Provide Smooth Stepless Acceleration
- **ECONOMIC:** To Save Wear and Tear and Energy



### Standard Features

- Door interlocked isolator
- Stop start push button
- Run Light
- 2 Line LCD display & keypad
- Corrosion resistant enclosure
- High quality powder coat finish
- Integral wall fixing lugs
- Large removable gland plate

### Protection

- Electronic Overload
- Overload Pre-Alarm
- Too Many Starts Protection
- Phase Fault Detection
- Under-Load Trip
- Electronic "Shearpin"
- Thermistor Input
- Thyristor Fault Protection

### Information

- Motor Current
- RMS Volts
- Ambient Temperature
- Time & Date
- Run Hours
- Service Time Indication
- Motor Status
- 1000 Event Datalog

### Applications

- Pumps
- Fans
- Compressors
- Chillers
- Rock Crushers
- Mixers

### Technical Data

### TQM2KD

KW rating	30	37	45	55	75	90
Mains power	380-415vAC + or - 10%					
Motor FLC rating (Amps)	60	72	85	105	140	170
Dimensions HxWxD (in mm) (Does not include fixing lugs)	450x300x225		500x400x225		600x400x300	
Weights Kg (approx & unpacked)	15	18	18	18	30	30

Note: Due to continuous improvement & development, sizes & specification may change without notice - always check with factory before ordering.

[www.ralspeed.com](http://www.ralspeed.com)



## IP54 Enclosed economy soft starter - range 5.5kw to 22kw

### Benefits over Star Delta

- **ELECTRICAL:** To Limit Starting Current Inrush
- **MECHANICAL:** To Reduce Starting Overload Torque
- **APPLICATION:** To Provide Smooth Stepless Acceleration
- **ECONOMIC:** To Save Wear and Tear and Energy



### Standard Features

- Interlocked Isolator
- Stop/Start Pushbutton
- Corrosion Resistant Enclosure
- Integral Wall Fixing Brackets

### Protection

- Fully Rated Curcuit Breaker
- Motor Overload
- Low Voltage Control
- Thyristor Protection

### Applications

- Pumps
- Fans
- Conveyors
- Compressors

### Technical Data

### TQM2KA

KW rating	5.5	7.5	11	15	22
Mains power	110-415vAC + or - 10%				
Motor FLC rating (Amps)	11	14	21	28	45
Dimensions HxWxD (Does not include fixing lugs)	175x280x175		250x350x175		
Weights Kg (approx & unpacked)	5	8	8	8	10

Note: Due to continuous improvement & development, sizes & specification may change without notice - always check with factory before ordering.

MANUFACTURER

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