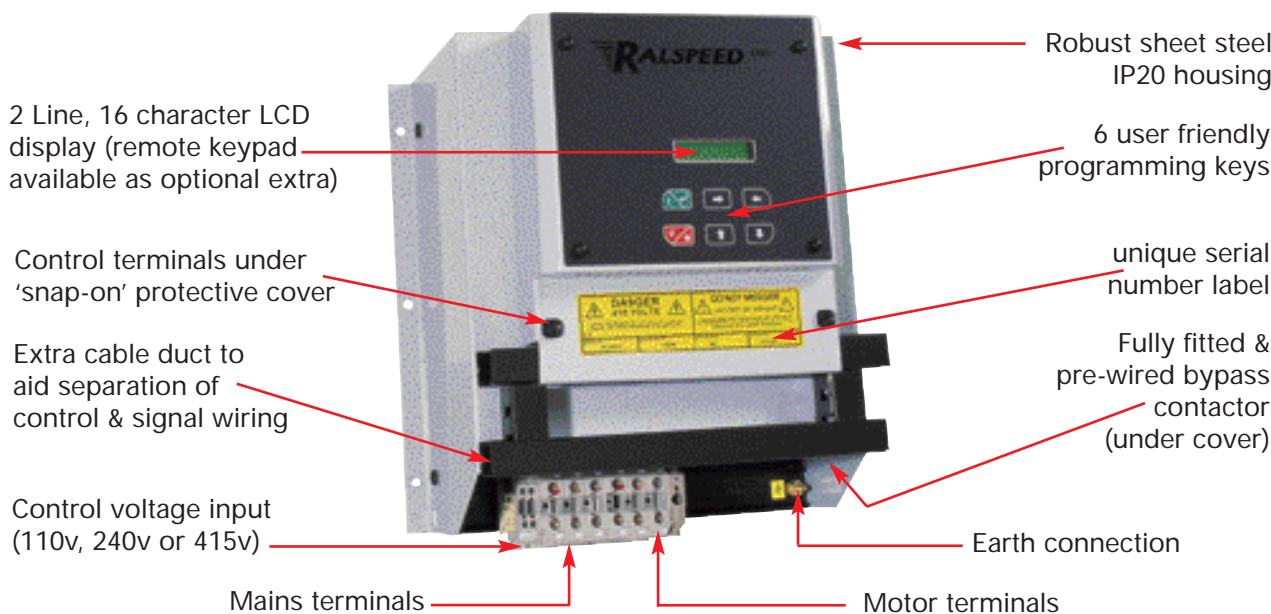


TQM2KB-11 to TQM2KB-55

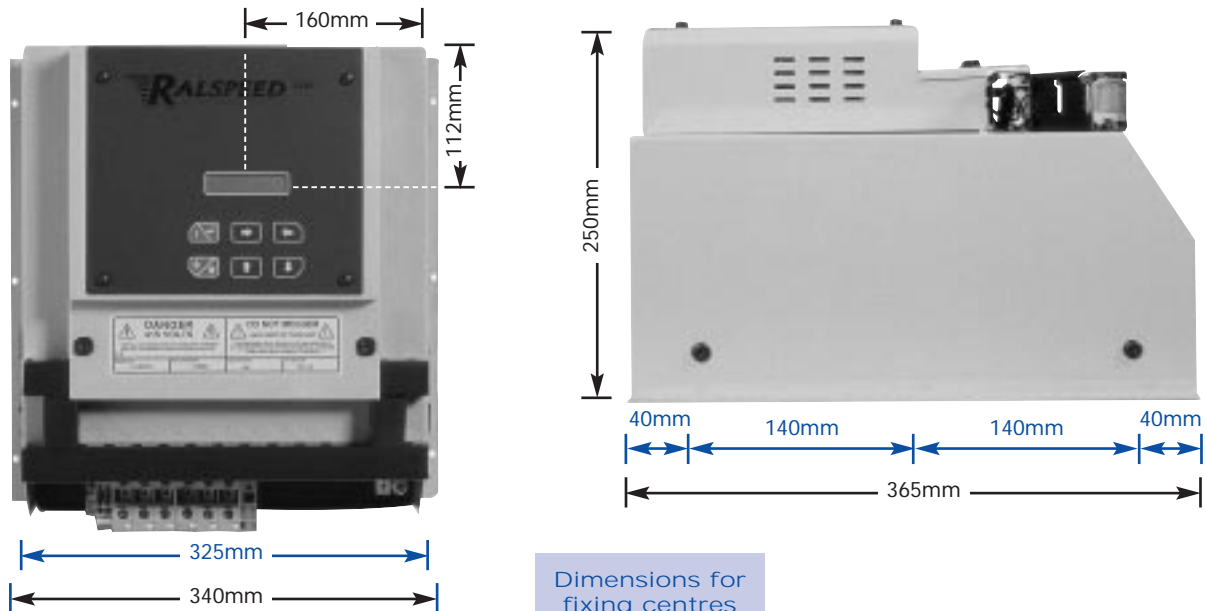
IP20 chassis version soft start unit for bypass duty, contactor to be supplied and fitted by Ralspeed



Technical Data	Ratings							
KW rating	11	15	22	30	37	45	55	
Mains power (R, S, T)	110vAC to 415vAC +10%-10% (690v available as standard option)							
Current rating (Amps) at 380v	22	30	44	60	72	85	105	
Control supply L1 & L2 (on PCB)	110v / 220v / 440v User selectable and fully fused							
Accel / Decel time – (Voltage ramp)	1 to 240 seconds independently adjustable							
Current limitation details	Max current limit 600% of full load current Ramp to limit 1-10 sec, Current time out 10-60 sec							
Starting torque	25% to 70% of mains voltage – 5% steps							
Stopping torque	25% to 100% of mains voltage – 5% steps							
Torque boost (kick start)	70% of mains voltage adjustable from 200ms to 2sec							
Max switching cycle	12 even starts per hour with override in engineers menu							
Dimensions H x W x D (in mm)	365 x 340 x 250							
Weights Kg (approximately & unpacked)	10	10	10	10	15	15	15	
Power Terminals	10	10	16	35	35	35	35	
Ambient / Storage temperature	0°C 45°C / -22°C 75°C							
Programmable Relays	Overload, Underload, Thermistor, Service Over, Phase Fault, Firing Fault, External Trip, Overload Pre-alarm, Shearpin, Too many starts, Brake time over & Top of ramp							
Programmable Inputs	Inch, Reset Run Hours, External Trip, Brake Stop, Ramp Hold, Start Delay, Soft Stop, Local/Remote, Em Stop, Reset & Heatsink over Temperature							
Protection	Electronic Overload with 5 Selectable Curves, Underload, Thermistor Trip Circuit, Phase Fault, Thyristor Fault, Overload Pre-Alarm Too many starts, Emergency stop input & electronic "Shearpin"							
Information Screens	Motor Running - Time & Date, Ambient Temperature, Motor Amps (both digital & bar graph), 1000 Event Data-log (Downloadable), Service Interval & Run Hours							

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

TQM2KB-11 to TQM2KB-55



Dimensions for fixing centres
(blue text)

