



Mark V

Model	Mark V
Frame size	160 ÷ 250
Regulator	Mark V
Part number	10005388
Compliance	CE

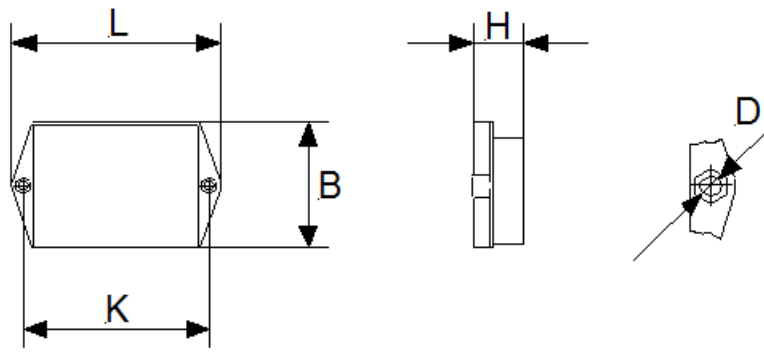
Main Data

Generator frame size	Standard 160÷250
AVR supply	Auxiliary winding*, mains
Voltage sensing	Single phase
Voltage remote control	Arrangement
Radio interference supressor	Internal
MARK V	10005388
Standard protections	Over-excitation
Limiters	Under-frequency

Electrical characteristics

Power supply voltage	170 ÷ 277 Vac @ 50/60 Hz
-----------------------------	--------------------------

Power supply source	Auxiliary windings, mains
Voltage build-up	5 Vac
Voltage sensing type	1-phase
Voltage sensing range	170 ÷ 277 Vac
Maximum continuative field current	0 ÷ 5 Adc
Maximum forcing field current	0 ÷ 8 Adc
Maximum field voltage	100 Vdc
Field resistance	8 Ω ÷ 20 Ω
Regulation accuracy from no load to full load	±0.5 %
Steady state accuracy	±0.1 %
Accuracy with ±4% engine governing	±1 %
Thermal Drift	±0.5 %
Response time	1 cycle
Operating temperature	-30°C ÷ +70°C
Storage temperature	-40°C ÷ +80°C
Features	
Interface	Potentiometers
Protection	Under-frequency limiter Over-excitation limiter Internal fuse, replaceable
Control	External potentiometer, 100 kΩ - 1 W External DC voltage signal (0-10 V)
Dimensions and weight	
L	149mm

B	89mm
K	132mm
H	41mm
D	6.5mm
Weight	320g
Drawing	 <p>The drawing shows three views of a component. The front view is a rectangle with dimensions L (length), K (width), and B (height). The side view shows a vertical dimension H. The detail view shows a circular feature with diameter D.</p>