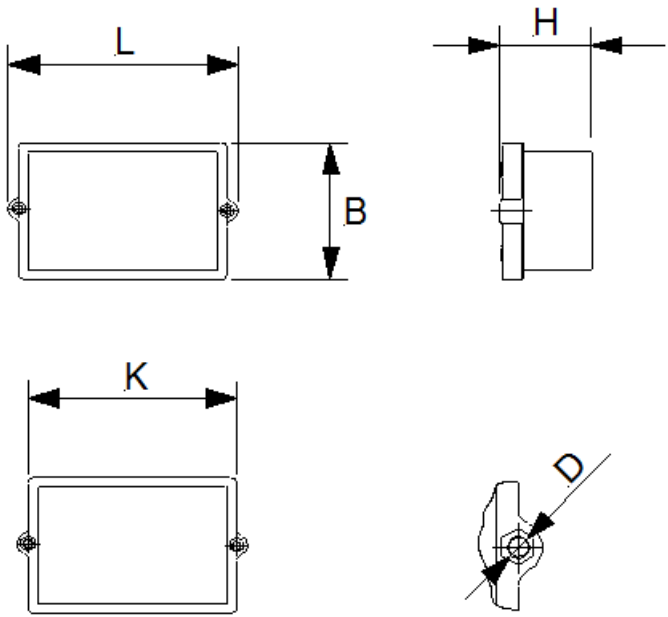


MGC II

Model	MGC II
Frame size	630 ÷ 710
Regulator	MGC II
Part number	10004378
Compliance	CE

Main Data	
Generator frame size	Standard 630÷800
AVR supply	Auxiliary winding*, mains
Voltage sensing	Single phase
Voltage remote control	Arrangement
Radio interference supressor	Internal
MGC II	10004378
Over-excitation device	Arrangement for varicomp
Parallel operation with the mains	Arrangement for device
Parallel operation with similar generators	Arrangement

Limiters	Under-frequency
Function	Auxiliary inputs
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 ÷ 480 Vac
Current sensing type	1-phase
Current sensing range	1 A
Maximum continuative field current	0 ÷ 8 Adc
Maximum forcing field current	0 ÷ 15 Adc
Maximum field voltage	100 Vdc
Field resistance	3 Ω ÷ 20 Ω
Regulation accuracy from no load to full load	±1 %
Steady state accuracy	±0.1 %
Accuracy with ±4% engine governing	±1 %
Thermal Drift	±0.5 %
Response time	1 cycle
Operating temperature	-30°C ÷ +60°C
Storage temperature	-40°C ÷ +70°C

Features	
Interface	Potentiometers, dip-switches
Function	Droop compensation
Protection	Under-frequency limiter Internal fuse, replaceable
Control	External potentiometer, 1 k Ω - 2 W External DC voltage signal (-3/+3 V)
Dimensions and weight	
L	176 mm
B	105 mm
K	160mm
H	70 mm
D	6.5mm
Weight	410g
Drawing	 <p>The drawing consists of four views of a rectangular component. The top-left view shows the front face with dimension L (length) and B (height). The top-right view shows the side profile with dimension H (depth). The bottom-left view shows the front face with dimension K (width). The bottom-right view shows a detail of a circular feature with dimension D (diameter).</p>