

11/20  
rev 1.0

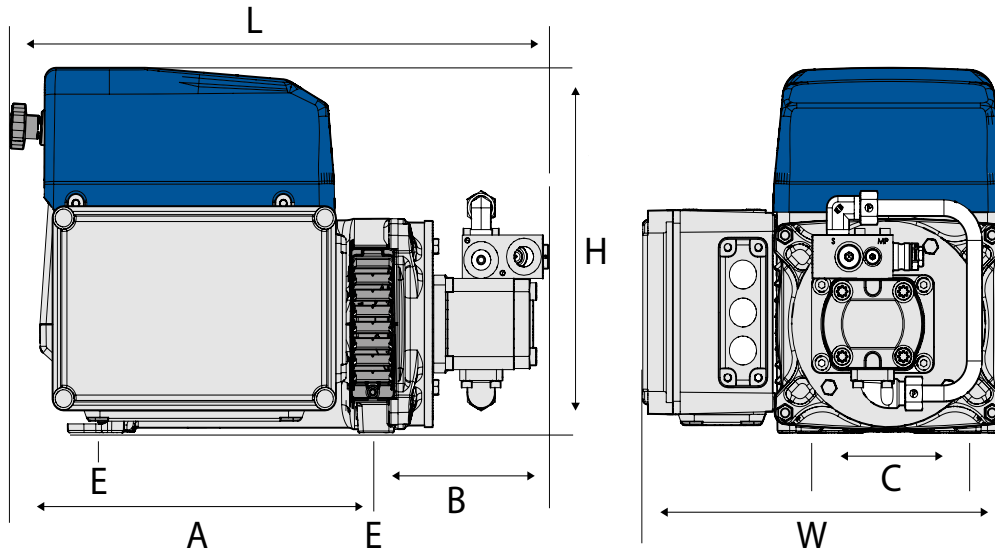
# DATA SHEET

## HYDRAULIC GROUND POWER GENERATOR



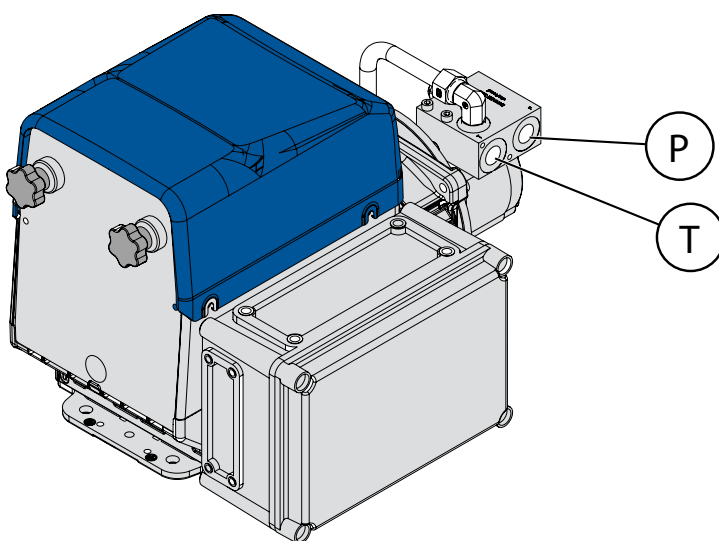
HGG 200 - 33

### DIMENSIONS



MODEL	DIMENSIONS, mm (in)							WEIGHT
	L	W	H	A	B	C	E	kg (lbs)
HGG 200 - 33	528 (21)	360 (14)	336 (13)	283 (11)	203 (8)	110 (4)	Ø12 (0.5)	43 (95)

### HYDRAULIC PORTS



MODEL	PRESSURE LINE	RETURN LINE	DRAIN LINE
	P	T	D
HGG 200 - 33	BSP 1/2"	BSP 1/2"	M12x1,5 Male

### TECHNICAL SPECIFICATIONS

		HGG 200 - 33				
<b>OUTPUT CHARACTERISTICS</b>						
Output Power max.	<b>kW</b>	4,8				
Output Voltage Nominal	<b>VDC</b>	24				
Output Voltage Adjustable	<b>V</b>	23 - 31				
Current max.	<b>A</b>	200				
Frequency control		FLC1				
IP		IP23				
Current limit protection		included				
Ripple		without load < 8% with full resistive load < 6% with batteries < 3%				
Operating temperature	<b>°C (°F)</b>	- 20 (-4) to + 40 (104) (Until +55 (131) with derating, read next table)				
<b>HYDRAULIC POWER REQUIREMENTS</b>						
Flow min.	<b>l/min (gpm)</b>	37 (9.8)				
Flow max.	<b>l/min (gpm)</b>	55 (14.5)				
Pressure at nominal power output	<b>bar (psi)</b>	180 (2610)				
Pressure max.	<b>bar (psi)</b>	210 (3040)				
Pressure when unloaded	<b>bar (psi)</b>	35 (510)				
<b>HYDRAULIC FLUID REQUIREMENTS</b>						
Viscosity	<b>cSt</b>	10-200 / optimum 25-35				
Temperature	<b>°C (°F)</b>	max. 70 (158)*				
Filter ratio	<b>µm</b>	25 or better				
Cleanliness level	<b>ISO 4406</b>	19/17/14				
Cooling capacity requirements	<b>kW</b>	2,4				
<b>OPERATING DERATING FACTORS</b>						
Ambient temperature. factor	<b>°C (°F)</b>	25 (77)	40(104)	45(113)	50(122)	55(131)
		1,05	1	0,96	0,92	0,88
Altitude factor	<b>m (ft)</b>	1000 (3000)	1500 (4500)	2000 (6000)	2500 (7500)	3000 (9000)
		1	0,96	0,93	0,9	0,86

Gallons are U.S. liquid gallons

\* Depending on the hydraulic fluid.

Other options available by request.



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#### ELECTRICITY

HG Hydraulic Generator  
HGV POWER BOX Variable Hydraulic Generator System  
HGV Variable Hydraulic Generator System  
HWG Hydraulic Welding Generator  
HGG Hydraulic Ground Power Generator



#### HIGH PRESSURE WATER

HPW Hydraulic High Pressure Water Pump  
HPW Hydraulic Power Washer  
KPL High Pressure Street Washing Unit  
HPW-DUST High Pressure Dust Suppression System  
PPL High Pressure Pipe Cleaning Unit  
HPW-FIRE High Pressure Firefighting System  
FP Fire Fighting Piercing Kit  
HDF Hydraulic Drilling Fluid Pump  
JPL High Pressure Bin Washing System  
HSP Hydraulic Submersible Pump



#### COMPRESSED AIR

HK Hydraulic Piston Compressor  
HKL Hydraulic Rotary Vane Compressor  
HKR Hydraulic Screw Compressor



#### MAGNET POWER

HMG PRO Hydraulic Magnet Generator  
MAG Lift Magnet  
HMAG PRO Hydraulic Magnet



#### VIBRATION

HVB Hydraulic Vibra  
HVD Hydraulic Directional Vibra  
HRC Hydraulic Reversal Cylinder



#### POWER BOOSTING

HPI Hydraulic Pressure Intensifier  
HPI-C Hydraulic Pressure Intensifier for Cylinder



#### KNOW-HOW

Hydraulic Power Take-off (PTO)  
Hydraulic Power Unit Technology  
De-Icing Technology  
Installation Valves  
HHK Hydraulic Grinder  
HV/HVY Hydraulic Winch / Winch Unit

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