

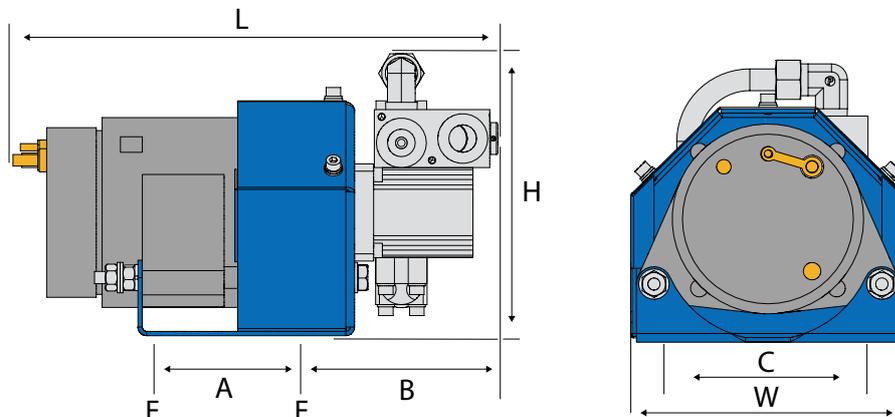
## DATA SHEET

### HG HYDRAULIC GENERATOR



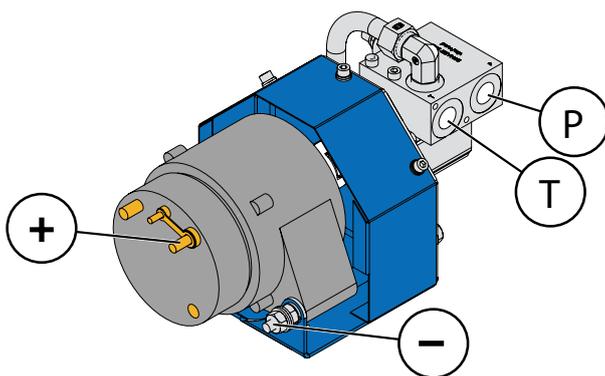
HG1kW-14VDC23-12-K  
HG1kW-28VDC23-12-K  
HG2kW-28VDC23-24-K

### DIMENSIONS



MODEL	DIMENSIONS, mm (in)							WEIGHT	
	L	W	H	A	B	C	E	kg (lbs)	
HG1kW-14VDC23-12-K	335 (13.2)	190 (7.5)	195 (7.7)	88 (3.5)	128 (5.0)	124 (4.9)	Ø6,8 (0.3)	10 (22)	
HG1kW-28VDC23-12-K	335 (13.2)	190 (7.5)	195 (7.7)	88 (3.5)	128 (5.0)	124 (4.9)	Ø6,8 (0.3)	10 (22)	
HG2kW-28VDC23-24-K	335 (13.2)	190 (7.5)	195 (7.7)	88 (3.5)	128 (5.0)	124 (4.9)	Ø6,8 (0.3)	11 (24)	

### HYDRAULIC PORTS



MODEL	PRESSURE LINE	RETURN LINE
	P	T
HG1kW-14VDC23-12-K	BSP 1/2"	BSP 1/2"
HG1kW-28VDC23-12-K	BSP 1/2"	BSP 1/2"
HG2kW-28VDC23-24-K	BSP 1/2"	BSP 1/2"

### TECHNICAL SPECIFICATIONS

		HG1kW- 14VDC23- 12-K	HG1kW- 28VDC23- 12-K	HG2kW- 28VDC23- 24-K
<b>OUTPUT CHARACTERISTICS</b>				
Output Power max.	<b>kW</b>	1,0	1,0	2,0
Output Voltage	<b>V</b>	14 VDC	28 VDC	28 VDC
Nominal Current	<b>A</b>	70	35	70
Frequency	<b>Hz</b>	-		
IP		23		
Sockets (1 phase/3 phase/cable K)		- / - / K	- / - / K	- / - / K
<b>HYDRAULIC POWER REQUIREMENTS</b>				
Flow min.	<b>l/min (gpm)</b>	14 (3.7)	14 (3.7)	26 (6.9)
Flow max.	<b>l/min (gpm)</b>	34 (9.0)	34 (9.0)	44 (11.6)
Pressure at nominal power output	<b>bar (psi)</b>	120 (1700)	120 (1700)	120 (1700)
Pressure max.	<b>bar (psi)</b>	210 (3000)	210 (3000)	210 (3000)
Pressure when unloaded	<b>bar (psi)</b>	30 (440)	30 (440)	30 (440)
<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>	0,5	0,5	0,5

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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