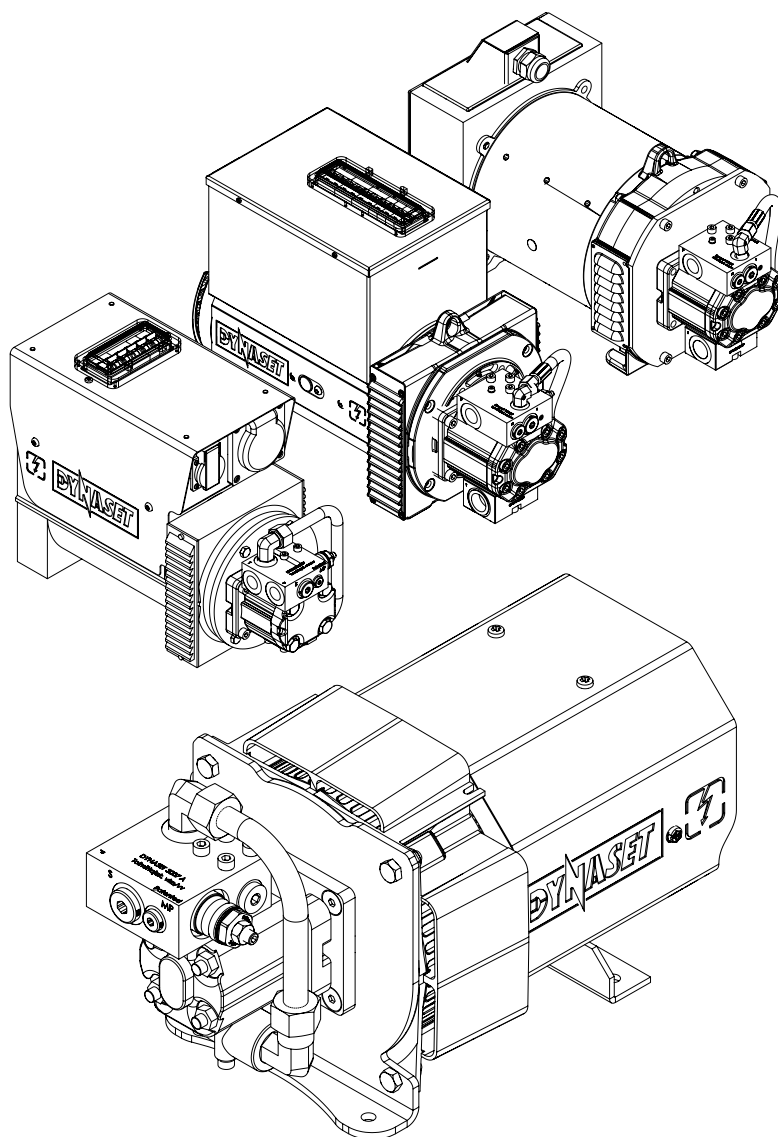




POWERED BY HYDRAULICS



Super Compact

DATA SHEET

HG HYDRAULIC GENERATOR // 60HZ



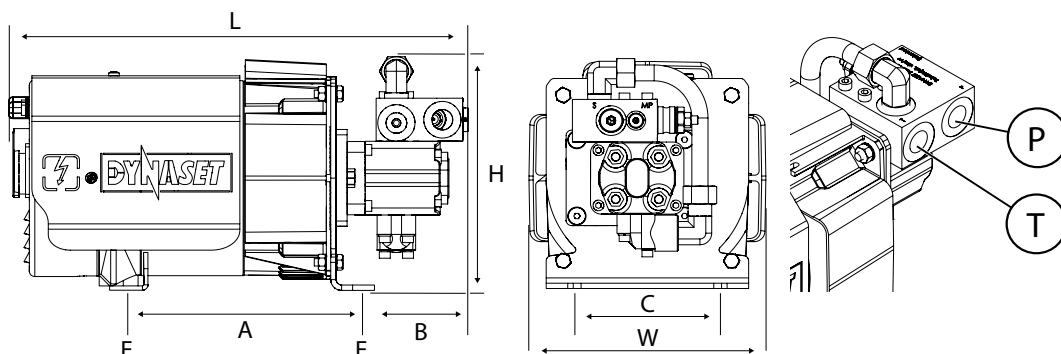
03/20
rev 1.0

HG3.7S
HG6E

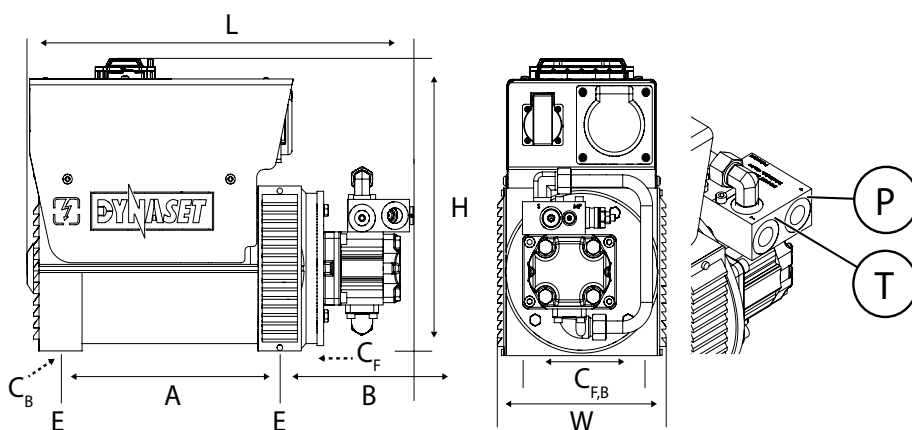
HG8E
HG14F

HG18G
HG30G

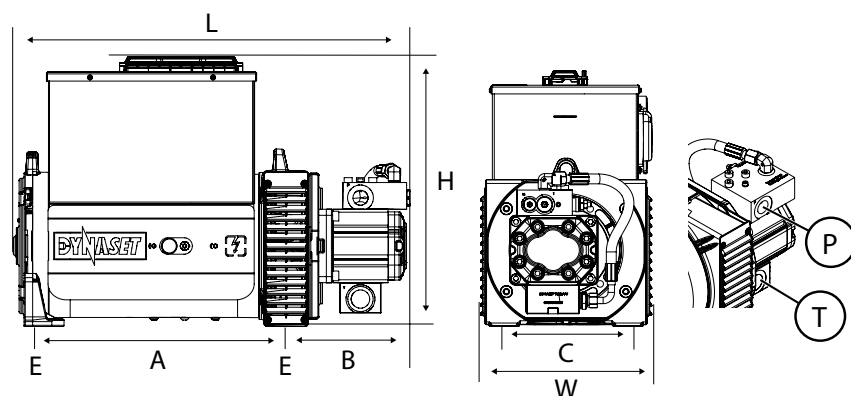
HG3.7S



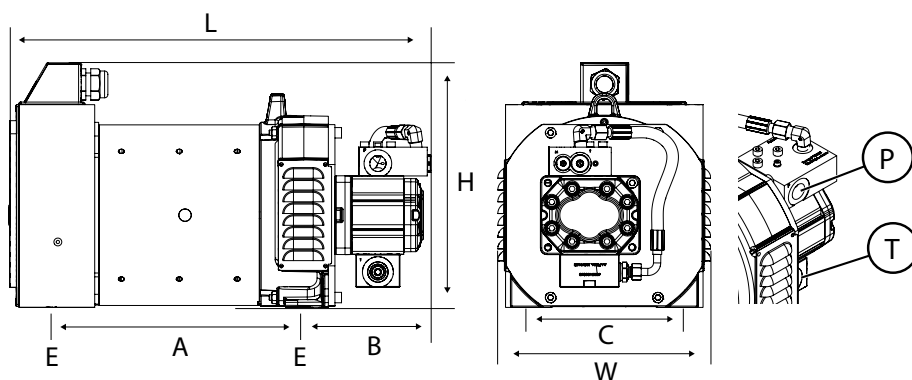
HG6E. HG8E



HG14F. HG18G



HG30G



DIMENSIONS

MODEL	DIMENSIONS, in (mm)							WEIGHT
	L	W	H	A	B	C	E	lbs (kg)
HG3.7S-U120ST23-18-U	16.5 (419)	8.6 (218)	8.4 (213)	8.85 (225)	4 (102)	5.9 (150)	Ø0.4 (10)	51 (23)
HG6E-U120PZ23-30-U	19.3 (490)	8.3 (211)	14.2 (361)	11.1 (282)	6.65 (169)	F6.3/ R4.33	Ø0.5 (12.5)	92 (42)
HG8E-U240PZ23-40-U	21.5 (546)	8.3 (211)	15 (381)	13.3 (338)	6.9 (175)	F6.3/ R4.33	Ø0.5 (12.5)	115 (52)
HG14F-U240PZ23-58-U	25.4 (645)	11.6 (295)	17.5 (445)	15.4 (391)	7.6 (193)	8.7 (221)	Ø0.5 (12.5)	232 (105)
HG18G-U240PZ23-95-U	29.2 (742)	19 (483)	12.7 (323)	19 (483)	7.8 (198)	8.66 (220)	Ø0.55 (14)	295 (134)
HG30G-U240ST23-120-K	29.3 (744)	12.8 (325)	14.8 (376)	19 (483)	7.8 (198)	8.66 (220)	Ø0.55 (14)	291 (132)

HYDRAULIC PORTS

MODEL	PRESSURE LINE	RETURN LINE
	P	T
HG3.7S-U120ST23-18-U	BSP 1/2"	BSP 1/2"
HG6E-U120PZ23-30-U	BSP 1/2"	BSP 1/2"
HG8E-U240PZ23-40-U	BSP 1/2"	BSP 1/2"
HG14F-U240PZ23-58-U	BSP 1/2"	BSP 1/2"
HG18G-U240PZ23-95-U	BSP 3/4"	BSP 1"
HG30G-U240ST23-120-K	BSP 3/4"	BSP 1

TECHNICAL SPECIFICATIONS

		HG3.7S- U120PA23-18-U	HG6E- U120PZ23-30-U	HG8E- U240PZ23-40-U
OUTPUT CHARACTERISTICS				
Outputpower	kW	3.7	5.5	8
Output Voltage	V	120 VAC. 1~phase. cos φ 1.0	120 VAC. 1~phase. cos φ 1.0	240 VAC. 1~phase. cos φ 1.0
Nominal Current	A	30 / -	22.5x2 / -	33.3 / 16.6x2
Frequency	Hz	60	60	60
Phase		1	1	1
NEMA		3	3	3
Voltage regulator		Capasitor	AVR	AVR
Socket	120V / 240V / K cable	2 / - / -	3 / - / -	2 / 1 / -
HYDRAULIC POWER REQUIREMENTS				
Flow min.	gpm (l/min)	5.3 (20)	8.5 (32)	11.4 (43)
Flow max.	gpm (l/min)	7.9 (30)	11.2 (42)	16.1 (61)
Pressure at nominal power output	psi (bar)	2200 (155)	2000 (140)	2150 (150)
Pressure max.	psi (bar)	3100 (210)	3100 (210)	3100 (210)
Pressure when unloaded	psi (bar)	360 (25)	360 (25)	360 (25)
HYDRAULIC FLUID REQUIREMENTS				
Viscosity	cSt	10-200 / optimum 25-35		
Temperature	°F (C°)	max. 158 (70)*		
Filter ratio	µm	25 or better		
Cleanliness level	ISO 4406	19/17/14		
Cooling capacity requirements	kW	1	1.80	2.7

Gallons are U.S. liquid gallons

* Depending on the hydraulic fluid.

U = Model with G-type socket(s)

Other options available by request.

		HG14F- U240PZ23-58-U	HG18G- U240PZ23-95-U	HG30G- U240ST23-120-K
OUTPUT CHARACTERISTICS				
Outputpower	kW	14	18	30
Output Voltage	V	240 VAC. 1~phase. cos φ 1.0	240 VAC. 1~phase. cos φ 1.0	240 VAC. 1~phase. cos φ 1.0
Nominal Current	A	58.3 / 29.2x2	75.0 / 37.5x2	125
Frequency	Hz	60	60	60
Phase	cos φ	1	1	1
NEMA		3	3	3
Voltage regulator		AVR	AVR	AVR
Socket	120V / 240V / K cable	4 / 1 / -	4 / 1 / -	- / - / K
HYDRAULIC POWER REQUIREMENTS				
Flow min.	gpm (l/min)	15.9 (60)	25.6 (97)	33.0 (125)
Flow max.	gpm (l/min)	23.8 (90)	34.3 (130)	40.0 (151)
Pressure at nominal power output	psi (bar)	2600 (180)	2000 (140)	2750 (190)
Pressure max.	psi (bar)	3100 (210)	4000 (280)	3900 (270)
Pressure when unloaded	psi (bar)	450 (30)	510 (35)	450 (30)
HYDRAULIC FLUID REQUIREMENTS				
Viscosity	cSt	10-200 / optimum 25-35		
Temperature	°F (C°)	max. 158 (70)*		
Filter ratio	μm	25 or better		
Cleanliness level	ISO 4406	19/17/14		
Cooling capacity requirements	kW	4	5.5	10

Gallons are U.S. liquid gallons

* Depending on the hydraulic fluid.

U = Model with G-type socket(s)

Other options available by request.



HG HYDRAULIC GENERATOR

60HZ // DATA SHEET



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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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