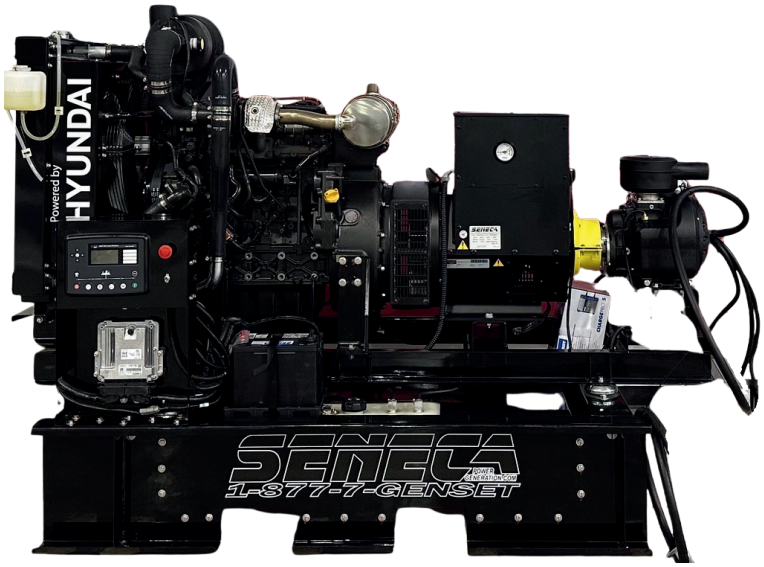
SENECA POWER GENERATION

Distributed by Genrep

40KW-40CFM

Model: 40-40DHS4
Prime - Diesel
2 Year Limited Warranty
EPA Tier 4 Final



Made in Canada

All Seneca Power Products are engineered and assembled in Southern Ontario, distributed in Canada by Genrep.

Low Emissions

Hyundai DM03 3.4 L diesel engines are certified in Tier 4 using DOC only and are reliable, high performance, fuel efficient and compact.

Nation-wide Service

Seneca products are covered with warranty of parts and service, by Genrep's nationwide network of trained professionals.

Power and Air Combo

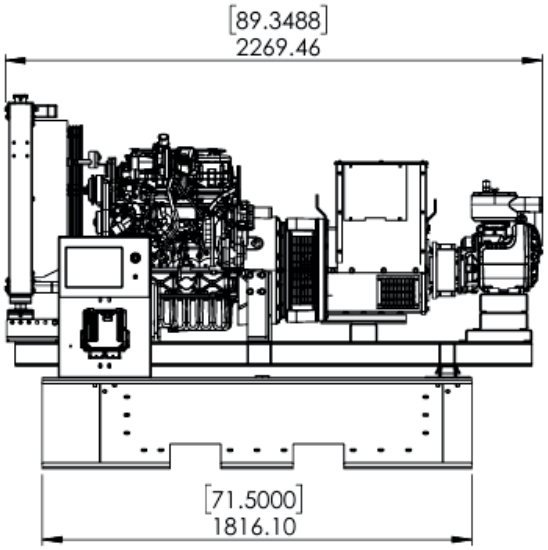
Prime power rated engine, Stamford alternator, and Deep Sea controller with a ROTORCOMP compressor, producing both 40 KW of power and 40 CFM of compressed air.

Applications

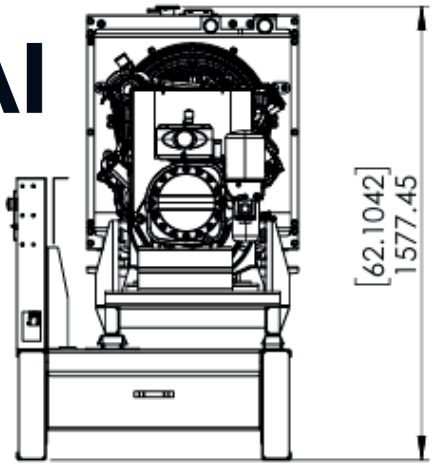
Easy to install and use for spray foaming, mining, construction, drilling and other applications.

Weight & Dimensions

Approx Weight	1247 KG
Length	2260 mm
Width	1016 mm
Height	1574 mm



Powered by HYUNDAI



Pictures and dimensions shown are for illustration purposes only. The actual product may vary based on power node and part visibility.

Engine Specifications

Engine Brand / Model	Hyundai DM03PG
Cylinders, number	Inline 4
Displacement (L)	3.4 Liter
Aspiration	Turbocharged and Air-to-Air Aftercooled
Bore & Stroke	98 x 113 mm
Compression Ratio	18.0:1
Combustion System	CI
Rated RPM	1800
Max Power at Rated RPM	55.4 KW
Cylinder Block Material	Cast Iron
Governor	Controlled by ECU
Fuel System	Diesel Bosch Common-Rail Pump
Emissions	Tier 4 Final
Starter Motor	12V x 2.5KW
Battery Charging Alternator	13.5V x 110A
Flywheel & Housing	SAE #4 - 10" (SAE J620)
Maximum Coolant Temperature	110
Radiator Fan	Blower Type, Plastic 6 Blade
Fuel System Frequency Regulation, Steady State	±0.5%
Air Cleaner	Dry Type
Fuel Heater	Bi-metal Type Control, Resistive

Genset Specifications

Power (KW)	40KW
Power Rating	Prime
Speed RPM (Hz)	1800 (60)
Enclosure Type	Open
Vibration Mounts	Rubber Mounts
Coupling	Direct/Motor Shaft
Electric Fuel Pump	STANDARD
Glow Plugs	STANDARD
Brushless Design with AVR	STANDARD
Key Start	OPTIONAL
Exhaust Flex and Piping	OPTIONAL
Oil Change Pump	OPTIONAL
Sound Enclosure	OPTIONAL
Custom Designing for Special Applications	OPTIONAL
Block Heater	OPTIONAL
Fuel Tank Capacity	51.5 Gal
Specific Fuel Consumption 1800RPM @100%	13.6 Liters/Hr

Electrical Specifications

		Standby			Prime		
Volts	Power Factor	Watts	KVA	AMPS	Watts	KVA	AMPS
120/240 1-PH	1	44,000.00	44	183	40,000.00	40	166.67
120/208 3-PH	0.8	44,000.00	55	152.66	40,000.00	50	138.79
120/240 3-PH	0.8	44,000.00	55	132.31	40,000.00	50	120.28
277/480 3-PH	0.8	44,000.00	55	66.15	40,000.00	50	60
347/600 3-PH	0.8	44,000.00	55	52.92	40,000.00	50	48

Controller Specifications

Brand	DSE
Full Engine Monitoring	YES
Full AC/DC Monitoring	YES
USB Connectable	YES
RS282/RS485	YES
Remote Start Stop Capability	YES
Safety Shut Downs For Monitored Parameters	YES
Remote Display Panel	OPTIONAL
DSE Web Net	OPTIONAL
External Emergency Stop	OPTIONAL
Additional Inputs/Outputs	OPTIONAL
Engine Exerciser	DISABLED
Maintenance Interval Timer	DISABLED
Load Shedding/Dummy	DISABLED

Compressor Specifications

Make	ROTORCOMP Verdichter
Part Number	EV03-NK-G-V0
Shaft Power Consumption	10.8 bhp (8.1KW)
Standard Volume Flow	41.4 CFM
Standard Mass Flow	1.39 kg/min
Discharge Temperature	176 F
Oil Volume Flow	6.7 gal/min
Oil Heat Rejection	5.3 BTU/s (5.5 KW)
Final Pressure	100 psi(g)
Drive Shaft Speed - RPM	1800

Please contact your local dealer for parts, warranty, maintenance, and service

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