



2014-2015

2-Stroke Gasoline Engine

# HOBBY ENGINE

*Technology with a history of over 100 years*

MADE IN JAPAN



## Husqvarna Zenoah Co.,Ltd.

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Distributor:

# Get your unlimited possibilities

with Zenoah hobby engines!

Zenoah hobby engines have been developed with advanced technology built up since 1952 as a manufacturer of 2-stroke gasoline engines, and supported by precise production facilities in Japan. Zenoah hobby engines bring pleasure and satisfaction to your life.

## MOVING FORWARD

Since 1984,  
our hobby engines keep evolving.

MADE IN JAPAN

( Indicated in red : existing models )

1984 : **G380PU** (plane), G2D8 (helicopter)

1986 : **G620PU** (plane)

1992 : **G450PU** (plane)

1995 : G230PU (plane), G740BPU (plane), G230PUH(helicopter), G230PUM (boat)

2000 : **G800BPU** (plane)

2001 : **G230RC** (car)

2002 : **G260PU** (plane), **G231PUH** (helicopter), **G231PUM** (boat), **G260PUM** (boat)

2003 : **G260PUH** (helicopter), **G260RC** (car)

2006 : **G200PU** (plane)

2007 : **G260PU-EI** (plane)

2008 : **G240RC** (car), **G270RC** (car)

2010 : **G290RC** (car)

2012 : **G290PUM** (boat), **G200PUM** (boat), **G300PUM** (boat)

2014 : **G320RC** (car), **G320PUM** (boat)

NEW Engine \_\_\_\_\_ P3

Model BOAT \_\_\_\_\_ P5

Model CAR \_\_\_\_\_ P7

Model AIRPLANE \_\_\_\_\_ P9

Model HELICOPTER \_\_\_\_\_ P13

SPEC \_\_\_\_\_ P14

# NEW Engine

*Extraordinary potential in your hands!*



## G320RC

**NEW**

Displacement **31.8cc**  
Dry weight **2.3kg**

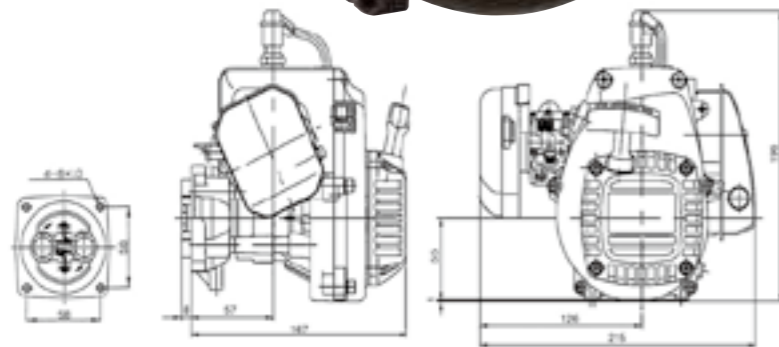
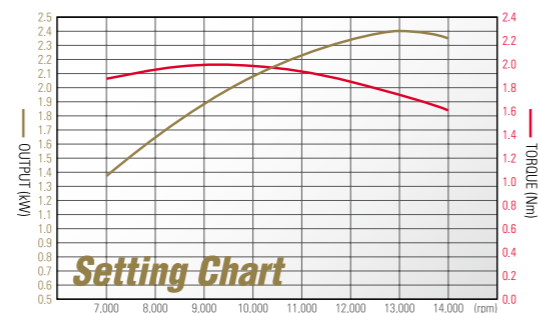
Cooling System  
**Air Cooled**

Ignition  
**TCI**

Spark Plug  
**CMR7H**

Air Cleaner Type  
**DRY**

**4-BOLT**



## G320PUM

**NEW**

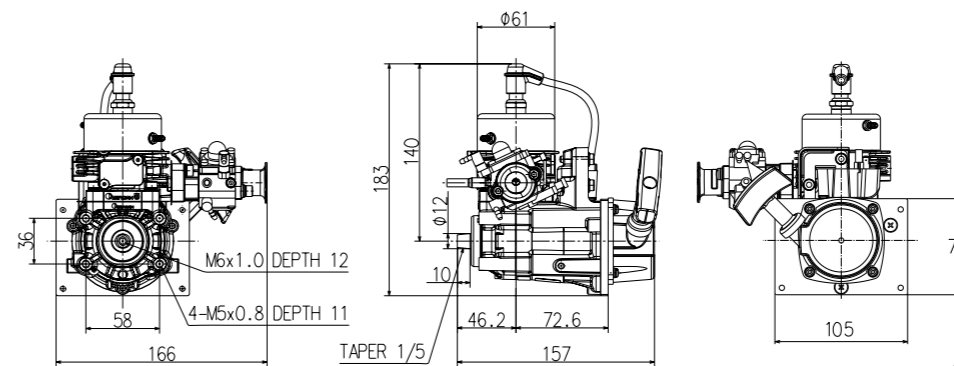
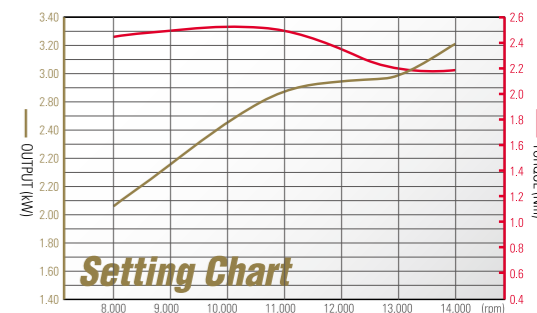
Displacement **31.8cc**  
Dry weight **1.9kg**

Cooling System  
**Water Cooled**

Ignition  
**CDI**

Spark Plug  
**CMR7H**

**Super e-START**



### Option kits

For G320RC 967319401

**REPAIR KIT**  
» G320RC

For G320PUM 967319601

**REPAIR KIT**  
» G320PUM

For G320RC / G320PUM 967319501

**GASKET KIT**

# Model BOAT

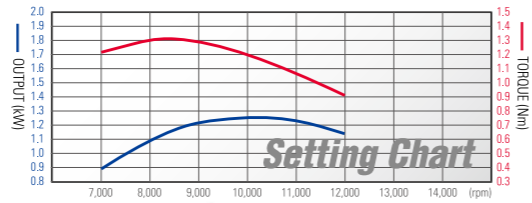
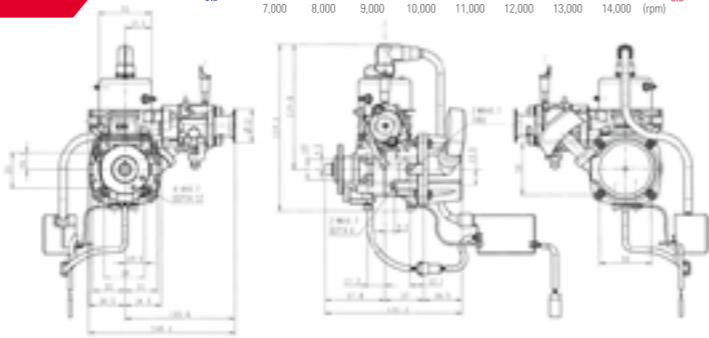
Innovative features in RC world !

Battery ignition, light weight and compact engine creates a revolution in small engine race category.

## G200PUM

Displacement **20.1cc**  
Dry weight **0.9kg** (w/o IG unit)

- Cooling System Water Cooled
- Ignition Battery
- Spark Plug Y82

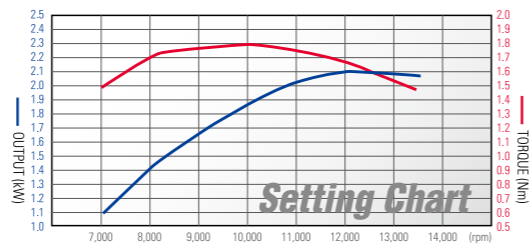
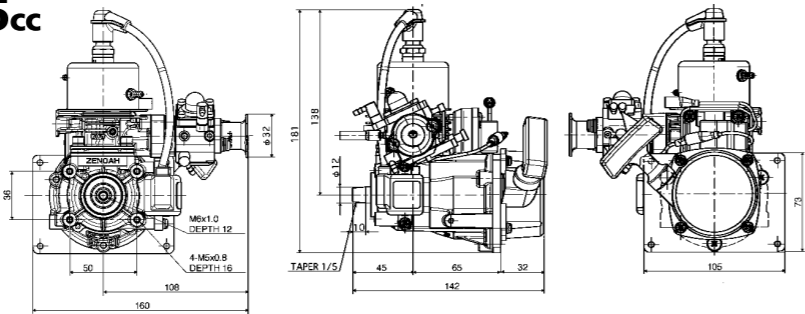


Water-cooled cylinder produces stable and dependable power for high-speed operation.

## G231PUM

Displacement **22.5cc**  
Dry weight **1.6kg**

- Cooling System Water Cooled
- Ignition CDI
- Spark Plug RZ7C



### Option kits

For G231PUM / G260PUM X374326098

**BORE UP KIT / REPAIR KIT**  
G231PUM G260PUM  
G260PUM



For G231PUM / G260PUM GR26099

**STARTER KIT**



For G290PUM 580349001

**WT-1048 CARB KIT**



10pcs/KIT

For G231PUM / G260PUM / G290PUM 581760901

**GASKET KIT**



For G231PUM / G260PUM / G290PUM 966748001

**BORE UP KIT / REPAIR KIT**  
G231PUM / G260PUM G290PUM  
G290PUM



For G231PUM / G260PUM / G290PUM 966783401

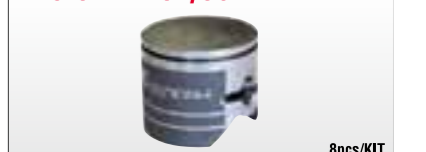
**RACING CARB KIT**



(WT-1027)

34 For G260PUM 584291901  
36 For G290PUM / G300PUM 584292101

**Molybdenum-coated Piston Kit 34/36**



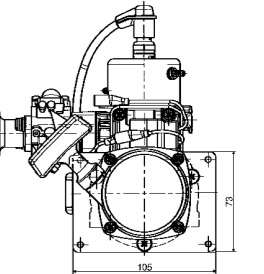
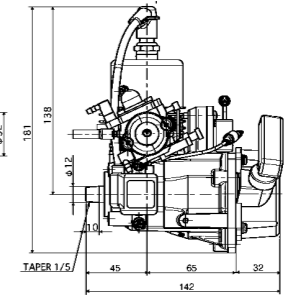
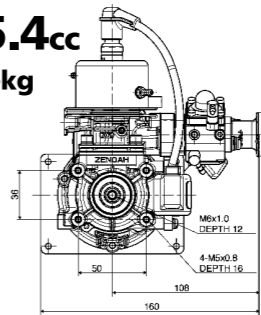
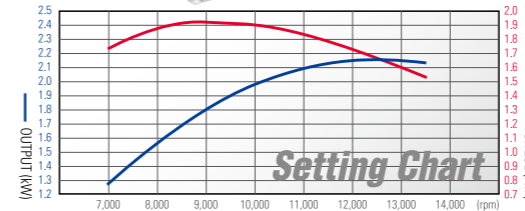
8pcs/KIT

Flagship model of Zenoah hobby engines since 2002 is welcomed everywhere.

## G260PUM

Displacement **25.4cc**  
Dry weight **1.6kg**

- Cooling System Water Cooled
- Ignition CDI
- Spark Plug RZ7C

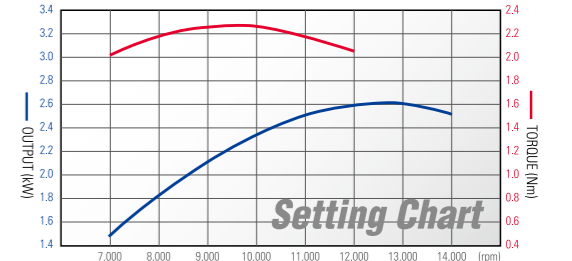
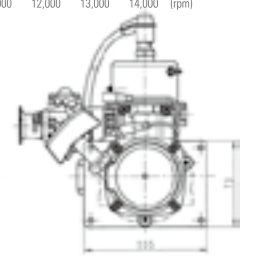
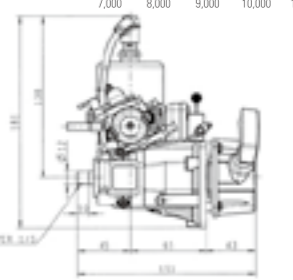
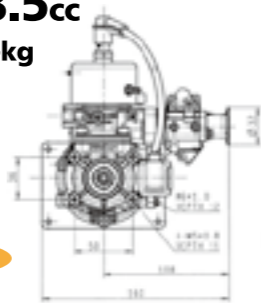


Well balanced high end engine equipped with easy pulling starter for both of racers and beginners.

## G290PUM

Displacement **28.5cc**  
Dry weight **1.6kg**

- Cooling System Water Cooled
- Ignition CDI
- Spark Plug RZ7C

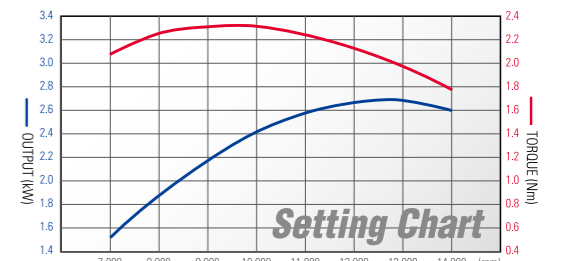
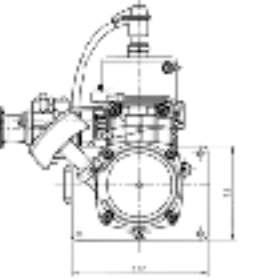
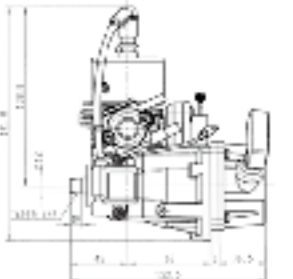
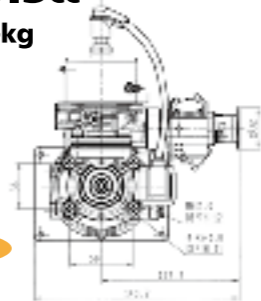


The highest performance model in PUM series for all the racers who go to the top.

## G300PUM

Displacement **29.5cc**  
Dry weight **1.6kg**

- Cooling System Water Cooled
- Ignition CDI
- Spark Plug RZ7C



(Spring-assisted pull start)

# Model CAR

Revolutionary engines with cutting-edge technology !

Unique engine to win in competitions.

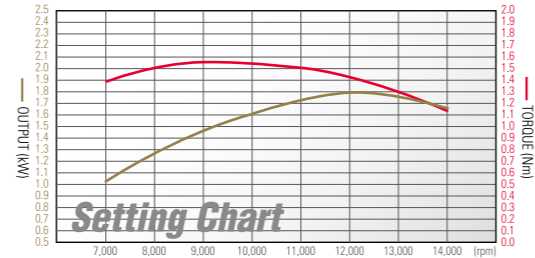
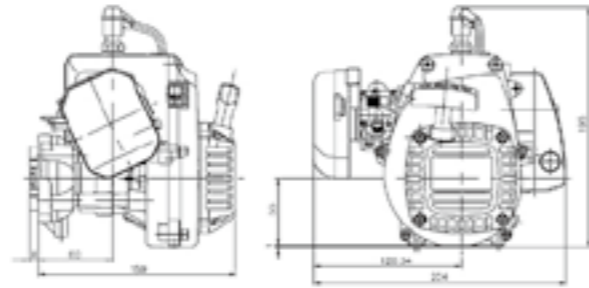
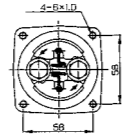
## G230RC



Displacement **22.5cc**  
Dry weight **2.1kg**

- Cooling System: Air Cooled
- Ignition: TCI
- Spark Plug: CMR7H
- Air Cleaner Type: DRY

**2-BOLT**



Off-road specifications generate significant power for high-speed driving.

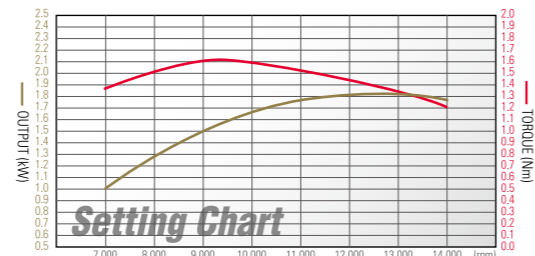
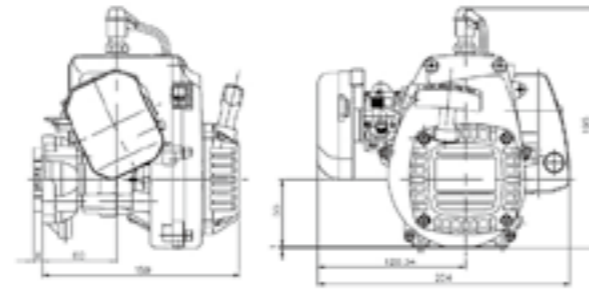
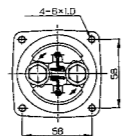
## G260RC



Displacement **25.4cc**  
Dry weight **2.1kg**

- Cooling System: Air Cooled
- Ignition: TCI
- Spark Plug: CMR7H
- Air Cleaner Type: DRY

**2-BOLT**



### Option kits

For G230RC X374323198

**REPAIR KIT G230RC**

For G230RC / G260RC GR23199

**BORE UP KIT / REPAIR KIT G230RC G260RC**

For G230RC / G260RC X374323197

**GASKET KIT**

For G260RC 584291901

**Molybdenum-coated Piston Kit 34**

8pcs/KIT



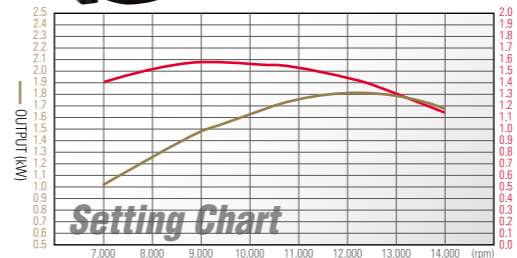
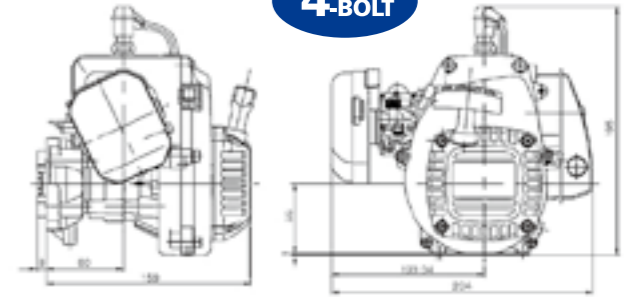
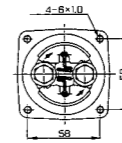
New designed cylinder and crankcase specialized for RC car.

## G240RC

Displacement **22.5cc**  
Dry weight **2.1kg**

- Cooling System: Air Cooled
- Ignition: TCI
- Spark Plug: CMR7H
- Air Cleaner Type: DRY

**4-BOLT**



Reliable, high-powered, and exclusively heavy-duty engine.

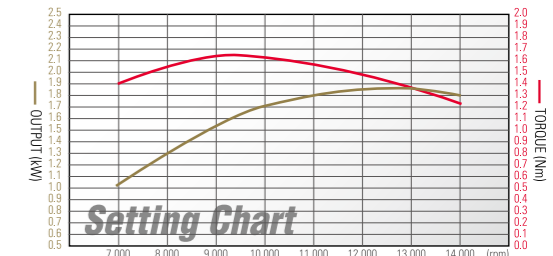
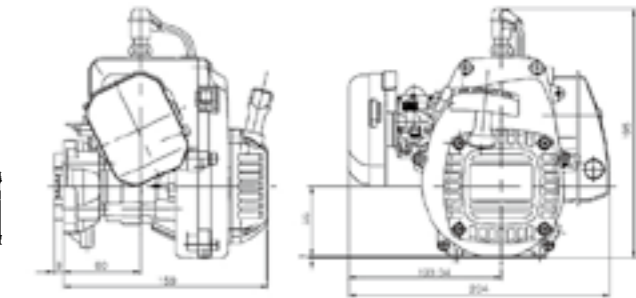
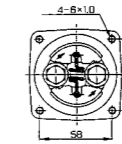
## G270RC



Displacement **25.4cc**  
Dry weight **2.1kg**

- Cooling System: Air Cooled
- Ignition: TCI
- Spark Plug: CMR7H
- Air Cleaner Type: DRY

**4-BOLT**



Most powerful car engine for all drivers

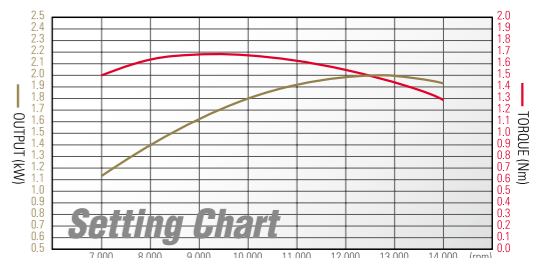
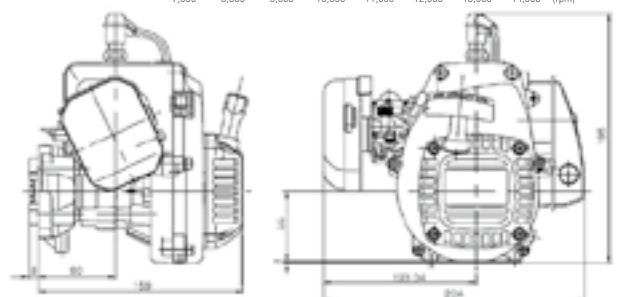
## G290RC



Displacement **28.5cc**  
Dry weight **2.1kg**

- Cooling System: Air Cooled
- Ignition: TCI
- Spark Plug: CMR7H
- Air Cleaner Type: DRY

**4-BOLT**



### Option kits

For G240RC 580680701

**REPAIR KIT G240RC**

For G240RC / G270RC / G290RC 966508401

**BORE UP KIT / REPAIR KIT G240RC G270RC G290RC**

For G240RC / G270RC X374323195

**BORE UP KIT / REPAIR KIT G240RC G270RC**

34 For G270RC 584291901  
36 For G290RC 584292101

**Molybdenum-coated Piston Kit 34/36**

8pcs/KIT

# Model AIRPLANE

Economical and ecological power source!

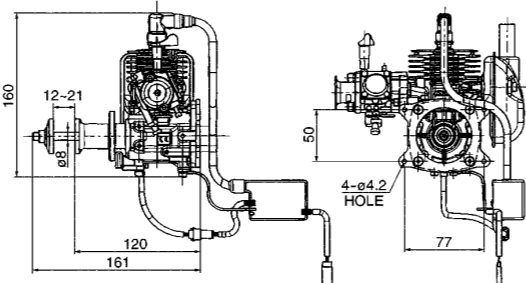
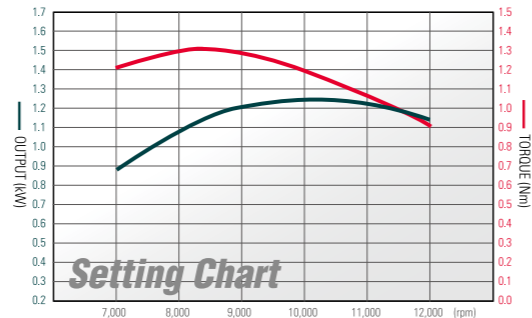
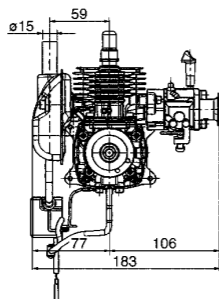
Battery ignition, lightweight and compact, equivalent to "Glow engine" 60-120 size for plane.

## G200PU



Displacement **20.1cc**  
Dry weight **1.1kg**

Cooling System: Air Cooled  
Ignition: Battery  
Spark Plug: Y82



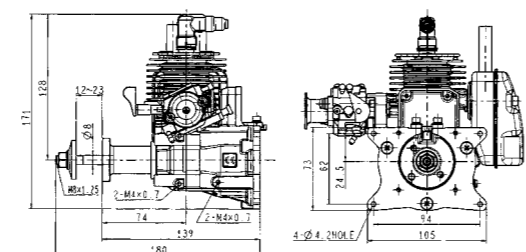
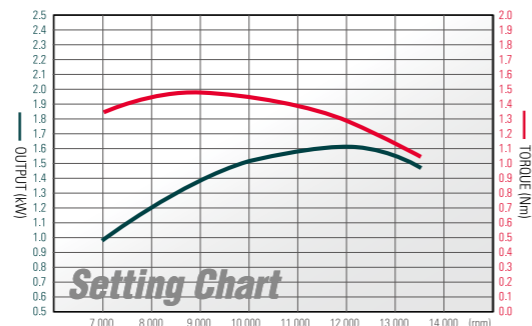
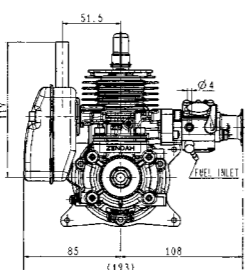
Battery ignition, compliance with European EMC Directive (2004-108-EC) on emission noise

## G260PU-EI



Displacement **25.4cc**  
Dry weight **1.4kg**

Cooling System: Air Cooled  
Ignition: Battery  
Spark Plug: Y82



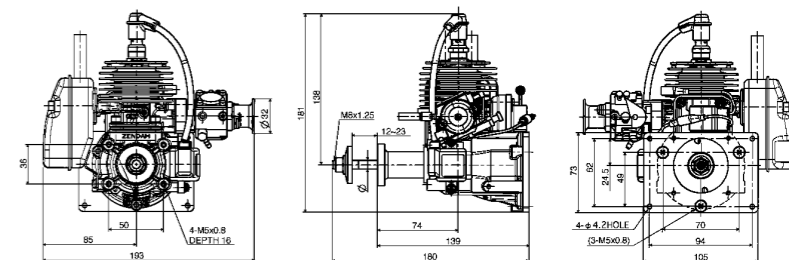
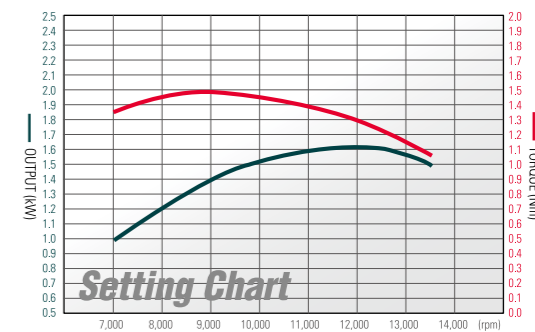
Most popular model, compact, high power and durability.

## G260PU



Displacement **25.4cc**  
Dry weight **1.7kg**

Cooling System: Air Cooled  
Ignition: CDI  
Spark Plug: RZ7C



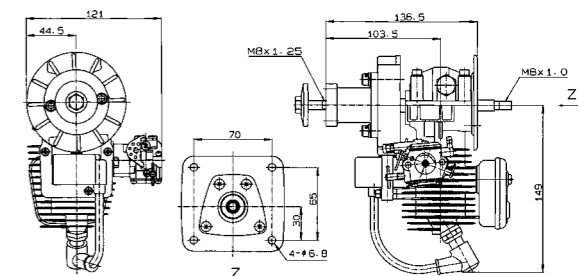
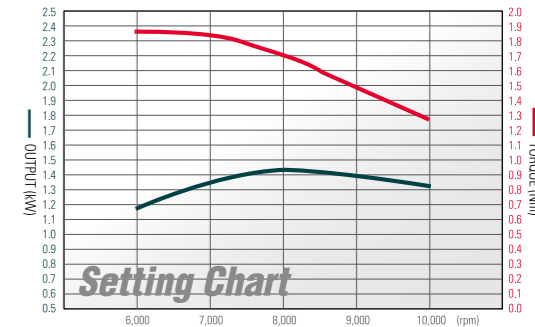
Long-selling model since 1984, due to its ideal structure.

## G380PU



Displacement **37.4cc**  
Dry weight **2.0kg**

Cooling System: Air Cooled  
Ignition: CDI  
Spark Plug: RCJ-7Y



### Option kits

For G200PU X374320098

#### INTAKE BENT KIT



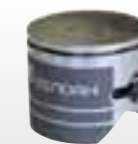
For G200PU / G260PU-EI X374320099

#### REPAIR KIT G200PU / G260PU-EI



For G260PU-EI / G260PU 584291901

#### Molybdenum-coated Piston Kit 34



8pcs/KIT

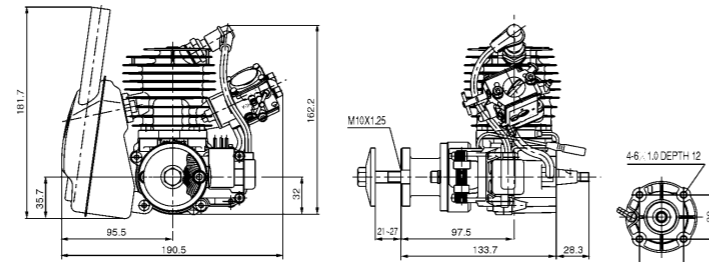
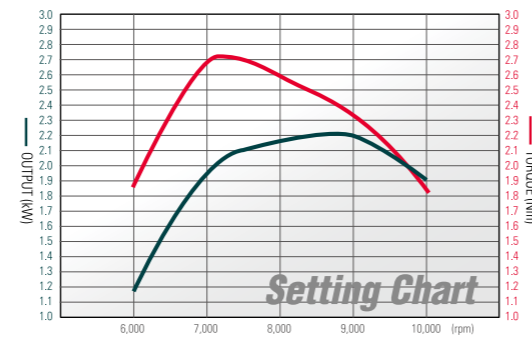


Engine for middle-sized model,  
more tough and reliable.

## G450PU

Displacement **40.5cc**  
Dry weight **2.1kg**

Cooling System **Air Cooled** Ignition **CDI** Spark Plug **RCJ-7Y**

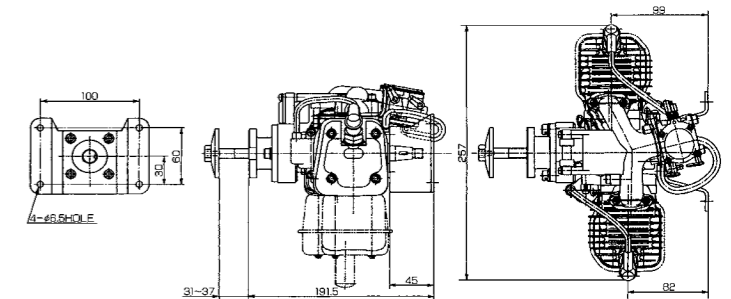
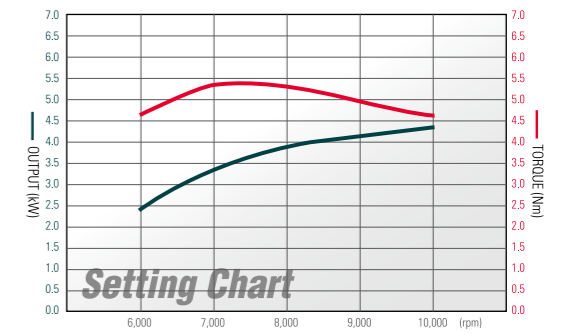


Full specifications, engine in US air competitions,  
most popular of large-size models.

## G800BPU

Displacement **79.9cc**  
Dry weight **3.5kg**

Cooling System **Air Cooled** Ignition **CDI** Spark Plug **RCJ-7Y**

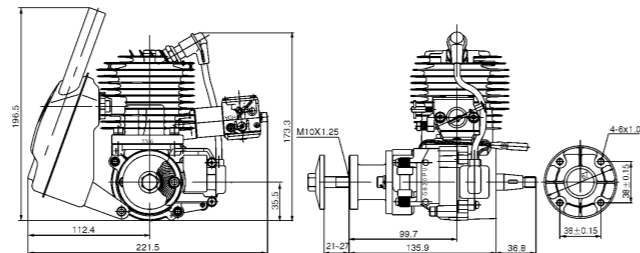
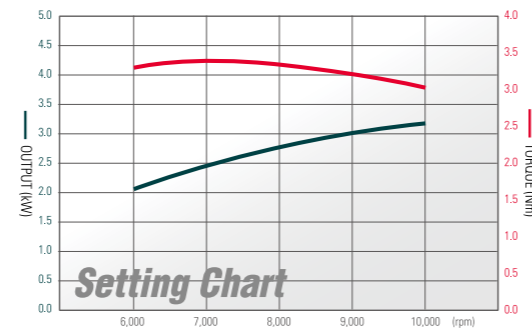


Bestselling model due to its strong power  
and reliability.

## G620PU

Displacement **62.0cc**  
Dry weight **2.3kg**

Cooling System **Air Cooled** Ignition **CDI** Spark Plug **RCJ-7Y**



### Option kits

For G620PU **GR62099**

#### SPRING STARTER KIT

For G450PU **GR45099**

#### SPRING STARTER KIT

# Model HELICOPTER

The best choice is 2-stroke gasoline engine !

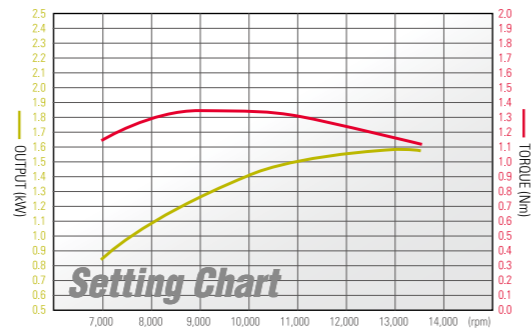
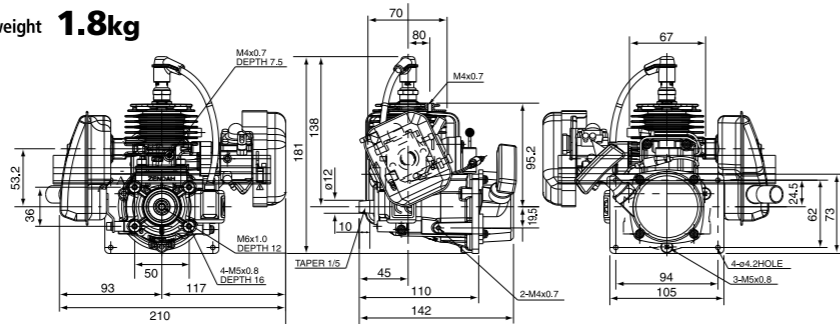
Bestselling model for gasoline-powered helicopter.

## G231PUH

Displacement **22.5cc**  
Dry weight **1.8kg**



- Cooling System Air Cooled
- Ignition CDI
- Spark Plug RZ7C
- Air Cleaner Type DRY



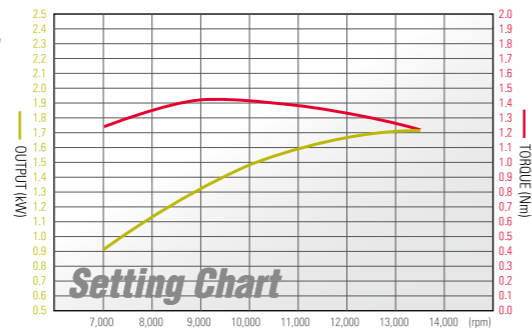
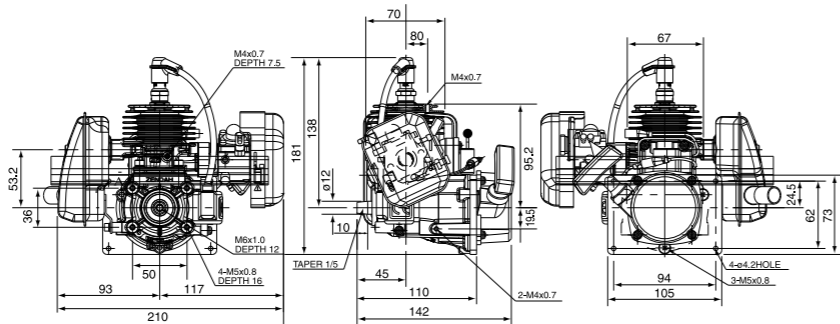
Engine of best choice for multi-purpose model, powerful and reliable.

## G260PUH

Displacement **25.4cc**  
Dry weight **1.8kg**



- Cooling System Air Cooled
- Ignition CDI
- Spark Plug RZ7C
- Air Cleaner Type DRY



### Option kit

For G231PUH / G260PUH GR26099

#### STARTER KIT



For G260PUH 584291901

#### Molybdenum-coated Piston Kit 34



8pcs/KIT

**Super e-START**  
(Spring-assisted pull start)



MODEL	model BOAT						model CAR							
	G200PUM	G231PUM	G260PUM	G290PUM	G300PUM	G320PUM	G230RC	G240RC	G260RC	G270RC	G290RC	G320RC		
Type	Two stroke gasoline engine													
Cooling System	Water Cooled						Air Cooled							
Displacement	cc	20.1	22.5	25.4	28.5	29.5	31.8	22.5	25.4	28.5	31.8			
Bore	mm	32.0	32.0	34.0	36.0	36.0	38.0	32.0	34.0	36.0	38.0			
Stroke	mm	25.0	28.0	28.0	28.0	29.0	28.0	28.0	28.0	28.0	28.0			
Dry weight	kg	0.9	1.6	1.6	1.6	1.6	1.9	2.1	2.1	2.1	2.3			
Overall Dimension	Length	mm	131	142	142	153	153	157	167	167	166	167		
	Width	mm	141	160	160	160	160	166	204	204	205	215		
	Height	mm	159	181	181	181	181	183	195	195	196	196		
Maximum Output (Original spec)	Net	kW	1.25	—	—	—	—	—	1.79	1.81	1.82	1.86	2.00	2.40
	Gross	kW	—	2.09	2.16	2.60	2.69	3.31	—	—	—	—	—	—
Maximum Torque (Original spec)	Net	N·m	1.30	—	—	—	—	—	1.55	1.58	1.60	1.63	1.68	2.00
	Gross	N·m	—	1.79	1.91	2.24	2.32	2.35	—	—	—	—	—	—
Rotation Direction	Counterclockwise (viewed from PTO side)													
Fuel	Pre-mixed Fuel, 25(Gasoline) : 1(High grade two cycle engine oil)													
Lubrication Oil	High grade two cycle engine oil : ISO-L-EGD(ISO/CD1378)standard, JASO-FD registered													
Carburetor	WT-811	WT-644			WT-1048	WT-1107	WT-603B	WT-990	WT-603B	WT-990		WT-1107		
Ignition	Battery	CDI					TCI							
Spark plug	Y82	RZ7C			CMR7H		CMR7H							
Starting	Recoil starter													

MODEL	model AIRPLANE							model HELICOPTER			
	G200PU	G260PU-EI	G260PU	G380PU	G450PU	G620PU	G800BPU	G231PUH	G260PUH		
Type	Two stroke gasoline engine										
Cooling System	Air Cooled										
Displacement	cc	20.1	25.4	25.4	37.4	45.0	62.0	79.9	22.5	25.4	
Bore	mm	32.0	34.0	34.0	38.0	43.0	47.5	40.5	32.0	34.0	
Stroke	mm	25.0	28.0	28.0	33.0	31.0	35.0	31.0	28.0	28.0	
Dry weight	kg	1.1(w/o IG unit)	1.4(w/o IG unit)		1.7	2.0	2.1	2.3	3.5	1.8	1.8
Overall Dimension	Length	mm	161	180	180	179	162	173	192	142	142
	Width	mm	183	193	193	127	191	222	257	210	210
	Height	mm	160	171	181	213	182	197	205	181	181
Maximum Output (Original spec)	Net	kW	1.25	1.62	1.62	1.43	2.21	3.15	4.34	1.58	1.71
	Gross	kW	—	—	—	—	—	—	—	—	—
Maximum Torque (Original spec)	Net	N·m	1.31	1.48	1.48	1.87	2.69	3.35	5.33	1.34	1.42
	Gross	N·m	—	—	—	—	—	—	—	—	—
Rotation Direction	Counterclockwise (viewed from PTO side)										
Fuel	Pre-mixed Fuel, 25(Gasoline) : 1(High grade two cycle engine oil)										
Lubrication Oil	High grade two cycle engine oil : ISO-L-EGD(ISO/CD1378)standard, JASO-FD registered										
Carburetor	WT-811	WT-645	WT-645	WT-338	HDA48D	HDA48D	WJ-64	WT-643	WT-643		
Ignition	Battery	Battery	CDI	TCI	CDI						
Spark plug	Y82	Y82	RZ7C	RCJ7Y				RZ7C			
Starting	Electric motor device							Spring starter	Recoil starter		

Specifications are subject to change without notice.