

ENYA

MODEL ENGINE

DISTINCTIVE FEATURES

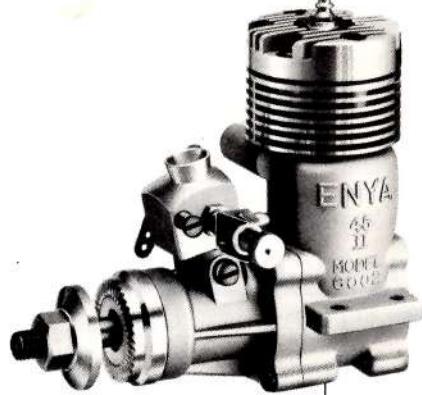
- Exceptional Power
- Great Dependability
- Long Life
- Easy Starting
- Sturdy Construction
- Intake Throttle Valve

being available for R/C uses

ENYA GLOW PLUGS

No. 3	Pt-Rh	1.5 Volt
No. 4	Pt-Rh	1.5 Volt
No. 5	Pt-Rh	1.5 Volt
No. 6	Pt-Rh	1.5 Volt

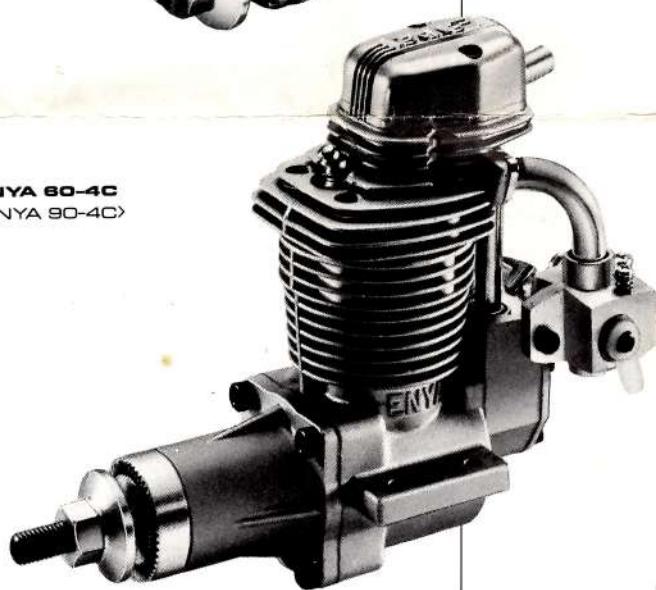
ENYA 45-II TV
ENYA 40TV



ENYA 49XGM9SB



ENYA 60-4C
(ENYA 90-4C)



ENYA 60XF-IIIGM10SB AL-CHRO
ENYA 60XF-IIIGM10PB AL-CHRO with pump



ENYA 11CX
ENYA 11CX Car



ENYA 25XTV
ENYA 19XTV



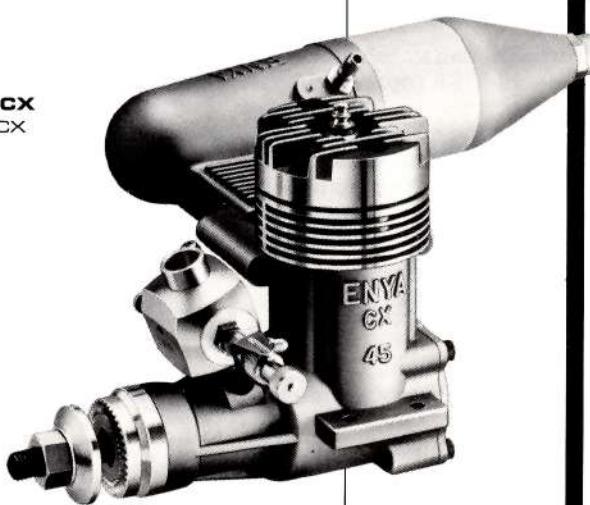
ENYA 21CX Racing S
ENYA 21CX Racing G
ENYA 21CX



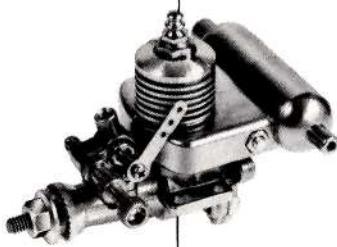
ENYA 35-V TVG6
ENYA 29-V TVG6



ENYA 45CX
ENYA 40CX



ENYA 049-II TV
ENYA 06-II TV
ENYA 08TV



ENYA 09-IV TV
ENYA 09-IVBBTV



ENYA 15-IV TV



ENYA 19-VITV
ENYA 19-VIBBTV



ENYA Tuned muffler TM 60 TM40/49 TM19/25



ENYA MODEL ENGINE

RC 飛行機

60XL GM10SB アルクロ
同型でリング入もあります

60XF-III GM10SB アルクロ
同型でリング入もあります

60-III BTV G-8



SS45BB
SS40BB



40CX



40XTV



21CX



19-VI BBTV



19-VI TV



15-IV TV



RC 4サイ

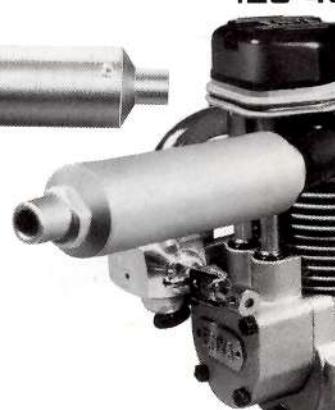


VT240



R120-4C

90-4C
120-4C



用エンジン

IXTV



45CX



45CXL



45-II TV



40TV

SS40



35-V BBTV G6
(35-V TV G6)



SS30BB

SS25BB

SS25BB アレクロ



SS25

SS30



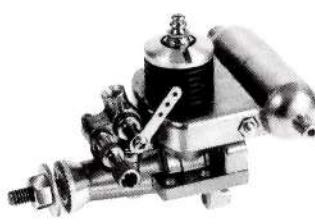
11CX



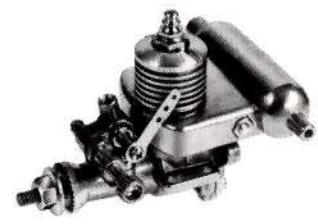
09-IV TV
09-IV BBTV



06-II TV (06D-II TV)
同一型式で 08TV, 10TV
があります



049-II TV

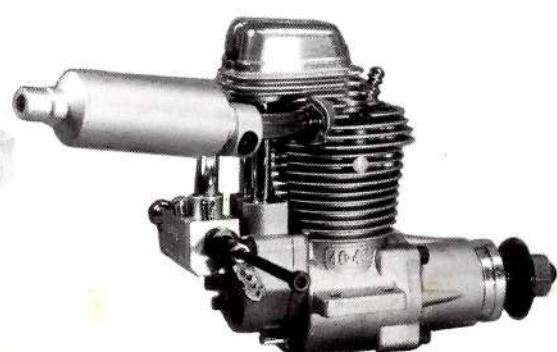


フルエンジン

80-4C
60-4C



46-4C II



35-4C

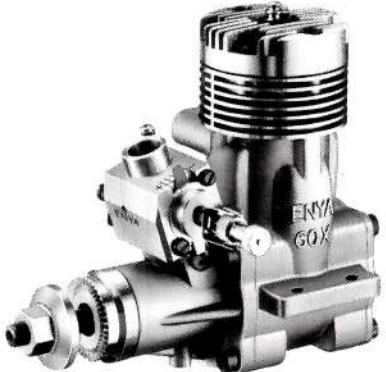


RC ヘリコプター

60XLF GM10SB リング



60XF-II GM10SB リング



60XF-II RDGM10SB リング
60XLRDGM10SB リング(後方排気)



RC カー

21CXL GM バギー



21CXL レーシングS



21CX GM バギー

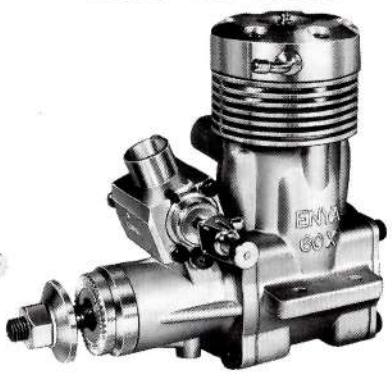


21CX レーシング
21CX レーシング
(G7付)もありま

60XLRV 水冷 GM10 アルクロ



60XF-III 水冷 GM10 アルクロ



60-III B 水冷 TV G8



45C

19-VI BB 水冷 TV
19-VI 水冷 TV



15-IV 水冷 TV



09-IV 水冷 TV



49X



45-II
40

クーラー用エンジン

550 HELI.GM



49X GM9SB



SS40 HELI.



SS30 HELI.GM

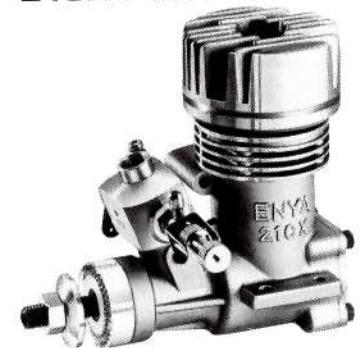


ヨコエンジン

サイドキャブ



21CX カー(G7)



11CX カー



クイックキー09



標準用エンジン

水冷 GM9SB



45-II 水冷 TV
40 水冷 TV



35-V 水冷 TV G6



29-V BB 水冷 TV G6
35-V BB 水冷 TV G6



21CX 水冷 (G7)



CL 飛行機用エンジン

29-V
35-V
同型でペアリング入もあります



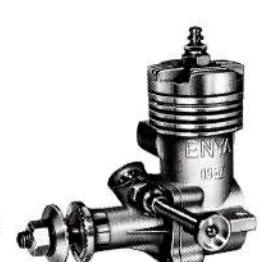
19-VI
同型でペアリング入もあります



15-IV



09-IV
09-IVBB



06D-II

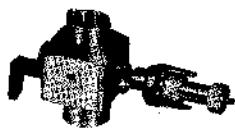


新製品紹介

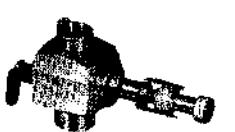
キャブレター



60X用 GM10SB
60X用 GM9SC
49X,SS50HELI用 GM9SB
45CX,45CXL用 GM9SC



40,45-II
6640 } 用キャブレター各種



40CX,45CX
40X~49X
60-III用
6640BB,45BB } G型各種



35-4C
40-4C } 用 G4.5



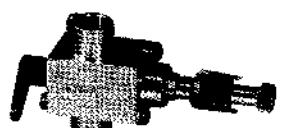
29~35
21CX
SS25BB,30BB } 用 G型各種



21CX
21X } 用 スライドキャブレター各種

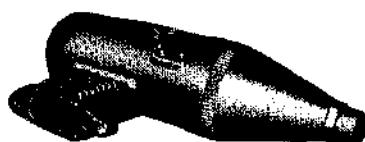


19-VI
19-VI BB
15-V
09-V
SS25,30 } 用キャブレター各種

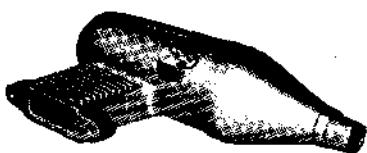


21CX,21CXL用 GM6.5
SS30HELI用 GM6.0

マフラー



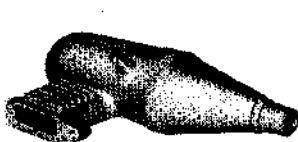
60X用 M601X



40CX~45CX
SS40~45 } 用 M402X
<この他に低音のスペシャルSM402Xがあります>



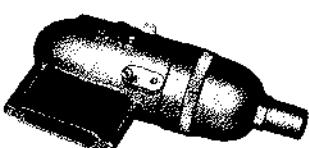
40X~49X用 M401X



19X~25X用 M191X
SS25~30用 M251



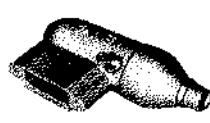
SS30HELI用 M301H



29~45用 M291



15~19
21CX } 用 M152
SS25 } 用 M250



09-N
09-IV BB } 用 M094
11CX } 用 M11CX



06-II~06用新型
(049-II 用新型)



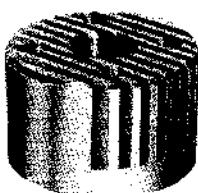
チューンドマフラー 60XL用 TM60XL



チューンドマフラー 60X用 TMS70 <60X用 TMS60>

左と同一の型式で
TM40/49
TM19/25
TM25/30があります。

シンクヘッド



21CXレーシング用 この他に水冷用シンクヘッドが
<21Xレーシング用> 各種あります



60XF,60XLF用

グローブラグ



エンヤNo.3 ホット
No.4 メティアム
No.5 メティアム
No.6 コールド

OPERATING INSTRUCTIONS FOR ENYA ENGINES

SPECIAL ATTENTION

1. In general, model engine is very powerful and runs at very high speed. Never handle it carelessly. "Safety first" is most important in all respects when you run model engine.
2. Before you run your engine, take care of the following points.
 - Tighten the engine mounting screws and propeller nut once again.
 - Make sure that there are nobody near around (except your assistant).
 - When you fly your plane, or run your boat, it is most important to confirm that your radio control equipment works well. If you find a defective point on it, stop to fly your plane, and repair it perfectly.

BREAKING IN

To obtain the highest performance, smooth running, and long life from your ENYA engine, it is recommended to break it in carefully during first 1 or 2 hours.

It is important to run the engine with slightly rich mixture during the breaking in period. When the engine has a tendency to slow down or stop, it means that it is not yet fully broken in.

It may take about 2 ~ 4 hours running for the engine to reach its peak in power and smoothness.

FUEL

ENYA engines will operate satisfactorily on most kinds of high quality fuel for model engines sold on the market.

The standard mixing ratios of components are as follows.

STANDARD VOLUMETRIC RATIO OF FUEL COMPONENTS				Diesel engine	
	Glow plug engine				
	No. 1	No. 2	No. 3	Amyl nitrate	1 ~ 3%
Methyl alcohol	80%	75%	70 ~ 60%	Kerosene	37 ~ 36%
Nitro methane	0	5%	10 ~ 20%	Ethyl ether	37 ~ 36%
Castor oil	20%	20%	20%	Castor oil	25%

GLOW PLUG

Almost all 1/4 ~ 32 thread glow plugs are suitable for ENYA Glow Engines. But as the glow plug has a very delicate nature, it is recommended that you test your engine with different kinds of glow plug to get the best performance.

ENYA glow plugs are very suitable to ENYA Engines.

PREPARATIONS BEFORE STARTING THE ENGINE

1. Mount your engine securely on the test stand or plane.
2. Clean the fuel tank and line. Dirts in them sometimes cause troubles.
3. Set the fuel tank closely behind the engine in such a position that the height of the fuel surface is nearly equal to the height of the carburetor.
4. Test your battery to be sure that it can heat the glow plug satisfactorily.
5. Attach the glow plug and propeller to the engine securely.

STARTING THE ENGINE

An ENYA Engine starts quite easily with proper handling.

1. Close the needle valve, and fill the fuel tank with fuel.
2. Open the needle valve as follows.

ENYA 09, 15, 19: 1½ ~ 2½ turns.

ENYA 049, 06, 06-II, 06D-II, 08, 10, 29, 35, 45, 60: 2 ~ 3 turns.

Inject several drops of fuel both in the air intake and the exhaust port, and crank the engine 2 or 3 turns. In case the carburetor is too high compared with the fuel surface, or the fuel line is too long, it is necessary to choke the engine by holding your finger on the air intake port.

3. Connect one lead from the battery to the glow plug and the other lead to ground.
4. Crank the engine counter-clockwise quickly by flipping the propeller with your finger until it begins to pop and starts. When the quantity of the fuel injected is proper and the glow plug is heated sufficiently, the engine will start with one or two smart flippings.
5. After your engine starts, it will be running slowly due to the rich mixture. Adjust the needle valve carefully to the best running position. It is recommended that you run your engine with a slightly rich mixture while it is new, and not broken in.
6. When the speed of the engine becomes pretty fast, remove the battery connection from the glow plug.
7. Close the needle valve when you want to stop the engine.

ENYA Diesel Engines also start very easily, but read the instructions for them before you begin to handle them.

ENYA THROTTLE VALVE (CARBURETOR)

ENYA throttle valves are especially designed and produced for radio control planes, cars and boats. You can get a very wide speed range with them. There are several types in design.

I. ENYA throttle valve normal

This type has a simply designed throttle drum and idling mixture adjusting air valve. Easy to adjust.

ENYA 09-IV, 09-IV BB, 15-IV, 19-VI, 19-VIBB, 29-V (option), 29-V BB (option), 35-V (option), 35-V BB (option), 40,45-II.

II. ENYA G type throttle valve

This type has a precisely machined fuel metering groove on the surface of the throttle drum to feed the engine always with slightly rich mixture from the idling to medium speed. And also the fuel suction is reasonably strong at this speed range. Idling mixture adjusting air valve is equipped for the fine adjustment of idling. The mixture control at full throttle is made by the adjustment of main needle valve.

ENYA 049-II, 06-II, 08, 10, 11CX, 19X, 21X, 21CX, 25X, 29-V, 29-V BB, 35-V, 35-V BB, 35-4C, 40X, 45X, 40CX, 45CX, 49X, 60-III B, 60XF-II.

III. ENYA GM type throttle valve

This carburetor is a highly modified model of G type. Read the special instruction for it.

ENYA 49X Helicopter, 60XF-III, 60XF-II Ring (Heli.).

VENTURI INSERT

ENYA 15-IV, 29-V, 35-V, 45-II, 40 and 60-III B for C/L planes have 2 kinds of venturi inserts of different diameters. Select the one suitable to your use.

Small dia. venturi: Fuel suction is strong. Suitable for U control stunt planes.

Fuel consumption is small.

Large dia. venturi: Power is strong. Suitable for speed and free flight racing planes.

CYLINDER HEAD GASKET

ENYA 11CX, 19X, 21X, 21CX, 25X, 29-V, 29-V BB, 35-V, 35-V BB are provided with aluminum cylinder head gasket. When you want to get more power at rather higher r.p.m. range, it is often effective to raise the compression ratio by detaching the cylinder head gasket. But it is important to break-in your engine perfectly before you detach the head gasket.

CYLINDER HEAD AND VENTURI INSTALLATION

1. Remove one of the head screws. Consider this screw the 12 o'clock position. Next remove the head screws at the 6, 2, 8, 4 and 10 o'clock positions in that order. The reverse procedure is followed when installing a cylinder head.
2. First remove the spray bar nut and needle setting spring. Then pull the spray bar out and remove Venturi. When installing a Venturi, have the spray bar fuel intake on the exhaust port side of the engine.

SPECIFICATIONS OF ENYA ENGINES

Main uses	Type	Bore x Stroke	Displacement	Weight	Max.	R.P.M.	Propeller size
		in. (mm)	cu.in. (cc)	oz. (g.)	HP		
FOR R/C AIRPLANE. 2 CYL.							
60XL GM10PB AL-CHROME (with pump)	FAI stunt planes.	Schnuerle, BB, Al-Chrome, back EX	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	19.5 (545)	1.80	2,500 ~ 17,000
60XL GM10SB AL-CHROME	" "	" " "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	18.6 (520)	1.80	2,500 ~ 17,000
60XF-III GM10PB AL-CHROME (with pump)	" "	" " "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	19.0 (535)	1.80	2,500 ~ 17,000
60XF-III GM10SB AL-CHROME	" "	" " "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	18.0 (510)	1.60	2,500 ~ 17,000
60XLRV GM10SB AL-CHROME	" "	" " back EX	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	20.0 (560)	1.80	2,500 ~ 17,000
60XF-II GM10SB Ring	Scale, sports planes.	" ringed piston	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	19.3 (540)	1.60	2,500 ~ 16,000
60-III BTVG8	" "	Cross flow "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	15.0 (460)	1.45	2,500 ~ 14,000
49XTV (with muffler)	" "	Schnuerle "	0.878 x 0.803 (22.3 x 20.4)	0.486 (7.97)	12.5 (350)	1.20	2,500 ~ 16,000
45CX	Middle stunt planes.	" Al-Chrome	0.850 x 0.803 (21.6 x 20.4)	0.456 (7.48)	12.7 (355)	1.30	2,300 ~ 17,000
45CX (with normal muffler: M402X)	" "	" "	0.850 x 0.803 (21.6 x 20.4)	0.456 (7.48)	12.7 (355)	1.30	2,500 ~ 17,000
45-II TV	Scale, sports planes.	Cross flow "	0.878 x 0.748 (22.3 x 19.0)	0.452 (7.42)	10.5 (295)	1.05	2,500 ~ 14,000
40TV	" "	" "	0.873 x 0.748 (20.9 x 19.0)	0.398 (6.52)	10.5 (295)	1.0	2,500 ~ 15,000
40CX (with normal muffler: M402X)	" "	Schnuerle Al-Chrome	0.823 x 0.744 (20.9 x 18.9)	0.396 (6.49)	12.3 (345)	1.20	2,500 ~ 17,000
40XTV (with muffler)	" "	" ringed piston	0.823 x 0.744 (20.9 x 18.9)	0.396 (6.49)	12.5 (350)	1.20	2,500 ~ 16,000
35-VB BTVG6	Trainer, sports planes.	Cross flow plain piston	0.803 x 0.704 (20.4 x 17.9)	0.357 (5.85)	9.1 (265)	0.65	2,500 ~ 13,000
29-V TVG6	" "	" PB,	0.736 x 0.704 (18.7 x 17.9)	0.299 (4.91)	8.9 (250)	0.50	2,500 ~ 13,000
25XTV (with muffler)	Scale, sports planes.	Schnuerle BB,	0.691 x 0.630 (17.55 x 16.0)	0.236 (3.87)	8.5 (240)	0.60	2,500 ~ 17,000
21CX (with muffler)	Racing sports planes.	" Al-Chrome	0.654 x 0.630 (16.6 x 16.0)	0.212 (3.46)	8.4 (235)	0.60	2,500 ~ 19,000
19XTV (with muffler)	Scale, sports planes.	" plain piston	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	8.5 (240)	0.55	2,500 ~ 17,000
19VI BB TV	Trainer, sports planes.	Cross flow "	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	6.3 (175)	0.40	2,500 ~ 15,000
19VI TV	" "	" PB,	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	5.7 (160)	0.36	2,500 ~ 14,000
13IV TV	" "	" "	0.590 x 0.551 (15.0 x 14.0)	0.15 (2.47)	5.7 (160)	0.28	2,500 ~ 14,000
11CX (with muffler)	Racing sports planes.	Schnuerle BB, Al-Chrome	0.531 x 0.492 (13.5 x 12.5)	0.109 (1.79)	4.6 (130)	0.40	3,000 ~ 22,000
09-IV BBTV	Trainer, sports glider.	Cross flow, one ball bearing, plain piston	0.512 x 0.480 (13.0 x 12.2)	0.099 (1.62)	4.1 (113)	0.18	2,500 ~ 15,000
09-IV TV	" "	" PB,	0.512 x 0.480 (13.0 x 12.2)	0.099 (1.62)	4.1 (113)	0.16	2,500 ~ 14,000
08-II TV	" "	" "	0.437 x 0.405 (11.1 x 10.3)	0.061 (0.99)	3.1 (85)	0.10	2,500 ~ 13,000
049-II IV	" "	" "	0.413 x 0.370 (10.5 x 9.4)	0.049 (0.81)	2.2 (57)	0.07	2,500 ~ 16,000

* The mufflers (including the special muffler SM402X for 40/45CX) can be offered according to order.

FOR R/C AIRPLANE. 4 CYL.

35-4C	Scale, sports planes.	OHV, BB, Al-Chrome	0.825 x 0.669 (20.95 x 17.0)	0.357 (5.86)	12.1 (335)	0.45	2,500 ~ 12,000
40-4C	" stunt.	" ringed piston	0.878 x 0.669 (22.3 x 17.0)	0.405 (6.64)	13.0 (365)	0.50	2,500 ~ 12,000
60-4C	" "	" "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	21.3 (595)	0.90	2,500 ~ 11,500
90-4C (with muffler)	" "	" "	1.142 x 0.890 (29.0 x 22.6)	0.911 (14.93)	28.4 (795)	1.30	2,500 ~ 11,500

* The muffler for 60-4C is optional.

FOR R/C HELICOPTER

60XL GM10SB Ring	Large helicopter.	Schnuerle, BB, ringed piston	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	19.8 (555)	1.60	2,500 ~ 16,000
60XF-II GM10SB Ring	" "	" "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	19.3 (540)	1.60	2,500 ~ 16,000
49X GM9SB	Middle helicopter.	" "	0.878 x 0.803 (22.3 x 20.4)	0.486 (7.97)	13.2 (370)	1.35	2,500 ~ 16,000
25X TV	Small helicopter.	" plain piston	0.691 x 0.630 (17.55 x 16.0)	0.236 (3.87)	8.5 (240)	0.60	2,500 ~ 16,000

* The helicopter muffler for 25X is optional.

FOR R/C CAR

21CX RACING S	1/8 Buggy car, racing car.	Schnuerle, BB, Al-Chrome	0.654 x 0.630 (16.6 x 16.0)	0.212 (3.46)	10.2 (285)	0.90	5,000 ~ 28,000
21CX CAR	" "	" "	0.654 x 0.630 (16.6 x 16.0)	0.212 (3.46)	9.6 (270)	0.80	3,000 ~ 27,000
11CX CAR	1/12 Buggy car, racing car.	" "	0.531 x 0.492 (13.5 x 12.5)	0.109 (1.79)	5.4 (150)	0.40	3,000 ~ 27,000
19-VI BBTV	1/4 Buggy car.	Cross flow plain piston	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	6.3 (175)	0.40	3,000 ~ 16,000

09-IV BBTV	1/4 Buggy car.	" one ball bearing, plain piston	0.512 x 0.480 (13.0 x 12.2)	0.099 (1.62)	4.1 (113)	0.18	3,000 ~ 16,000
------------	----------------	----------------------------------	-----------------------------	--------------	-----------	------	----------------

* The mufflers can be offered according to order.

FOR R/C BOAT

60XLR MARINE AL-CHROME (without carburetor)	Racing boat.	Schnuerle, BB, Al-Chrome, from EX	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	17.7 (495)	1.80	3,000 ~ 20,000
60XL MARINE GM10 AL-CHROME	"	" "	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	20.0 (560)	1.80	3,000 ~ 20,000
60XF-III MARINE TV G8	Sports, cruiser.	Cross flow, " ringed piston	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	15.0 (420)	1.45	3,000 ~ 15,000
45CX MARINE GM9SB	Racing boat.	Schnuerle, " Al-Chrome	0.850 x 0.803 (21.6 x 20.4)	0.456 (7.48)	13.8 (385)	1.50	3,000 ~ 20,000
35-VB MARINE TV G6	"	Cross flow, " plain piston	0.803 x 0.704 (20.4 x 17.9)	0.357 (5.85)	9.8 (275)	0.65	3,000 ~ 14,000
29-V MARINE TV G6	"	" PB,	0.736 x 0.704 (18.7 x 17.9)	0.299 (4.91)	9.3 (260)	0.50	3,000 ~ 14,000
21CX MARINE (G7)	"	Schnuerle, BB, Al-Chrome	0.654 x 0.630 (16.6 x 16.0)	0.212 (3.46)	8.9 (250)	0.80	3,000 ~ 25,000
19VI BB MARINE TV	"	Cross flow, " plain piston	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	6.6 (185)	0.40	3,000 ~ 16,000
19VI MARINE TV	"	" PB,	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	6.3 (175)	0.36	3,000 ~ 15,000
15IV MARINE TV	"	" "	0.590 x 0.551 (15.0 x 14.0)	0.15 (2.47)	6.3 (175)	0.28	3,000 ~ 15,000
09IV MARINE TV	"	" "	0.512 x 0.480 (13.0 x 12.2)	0.099 (1.62)	4.1 (113)	0.18	3,000 ~ 16,000
60-4C MARINE	Sports, cruiser.	OHV, BB, ringed piston	0.944 x 0.865 (24.0 x 22.0)	0.606 (9.95)	21.8 (610)	0.90	2,500 ~ 11,500

* The mufflers can be offered according to order.

49X (with muffler)	Stunt planes.	Schnuerle, BB, ringed piston	0.878 x 0.803 (22.3 x 20.4)	0.486 (7.97)	12.1 (335)	1.30	9,000 ~ 15,000
45-II	"	Cross flow, " "	0.878 x 0.748 (22.3 x 19.0)	0.452 (7.42)	10.0 (280)	1.15	9,000 ~ 15,000
45S	"	" PB, plain piston	0.877 x 0.748 (22.2 x 19.0)	0.449 (7.35)	8.4 (235)	0.70	8,000 ~ 13,000
29-VB	"	" BB,	0.736 x 0.704 (18.7 x 17.9)	0.299 (4.91)	8.8 (245)	0.85	10,000 ~ 17,000
35-V	"	" PB,	0.803 x 0.704 (20.4 x 17.9)	0.357 (5.85)	7.9 (220)	0.80	8,000 ~ 15,000
29-V	"	" "	0.736 x 0.704 (16.7 x 17.9)	0.299 (4.91)	7.9 (220)	0.80	9,000 ~ 16,000
19VI BB	"	" BB,	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	5.9 (165)	0.46	8,000 ~ 18,000
19-VI	"	" PB,	0.654 x 0.590 (16.6 x 15.0)	0.198 (3.25)	5.4 (150)	0.42	8,000 ~ 16,000
15-IV	"	" "	0.590 x 0.551 (15.0 x 14.0)	0.15 (2.47)	5.4 (150)	0.33	8,000 ~ 16,000
09-IV	"	" "	0.512 x 0.480 (13.0 x 12.2)	0.099 (1.62)	3.4 (95)	0.20	8,000 ~ 16,000
06D-II (Diesel)	"	" "	0.437 x 0.405 (11.1 x 10.3)	0.061 (0.99)	3.1 (88)	0.16	9,000 ~ 15,000

* The mufflers can be offered according to order.

Note: BB: 2 ball bearings, EX: exhaust, Al-Chrome: Chromed aluminum alloy cylinder liner.
The weights of engines do not include muffler.

R/C飛行機用2サイクルエンジン

60XLRV GM9SCアルクロ	FAI 曲技機	シュニーレ、BB、アルクロ、後排、後吸	チュンドマフラー使用、高性能	9.95	535	1.80	52.0	20.0	43.0	56.0	¥31,000
60XLF GM10SBアルクロ	" "	" " "	" "	9.95	520	1.80	" "	" "	" "	" "	28,000
60XF-III GM10SBアルクロ	" "	" " "	" "	9.95	510	1.80	" "	" "	" "	" "	27,000
60-IIIBTV G8	スケール、スポーツ機	クロスフロー、BB、リング	低価格、実用性能大	9.95	400	1.45	" "	" "	37.0	55.0	15,500
49XTV(マフラー付)	" "	シュニーレ、" "	高性能、高トルク	7.97	350	1.30	43.0	18.0	34.0	54.0	17,800
45CXL	中型曲技機	シュニーレ、BB、アルクロ、後排	チュンドマフラー使用、高性能	7.48	350	1.30	" "	" "	" "	" "	17,000
45CX	" "	" " "	チュンドマフラー使用、高性能、高トルク	7.48	355	1.30	" "	" "	" "	" "	17,000
45CX(スペシャルマフラー付)	" "	" " "	高性能、高トルク	7.48	355	1.30	" "	" "	" "	" "	19,000
45-IIITV	スケール、スポーツ機	クロスフロー、BB、リング	低価格、実用性能大、高トルク	7.42	295	1.05	" "	16.0	33.5	49.0	11,800
SS45BBリング(マフラー付)	" "	シュニーレ、BB、リング	高性能、高トルク	7.38	325	1.20	42.5	18.0	33.8	50.0	
SS40BBリング(")	" "	" " "	" "	6.49	325	1.15	" "	" "	" "	" "	
SS40	" "	" PB プレーンピストン	低価格、実用性能大	6.49	300	1.10	" "	" "	" "	" "	
40CX(スペシャルマフラー付)	" "	" BB、アルクロ	高性能、高トルク	6.49	345	1.20	43.0	" "	34.0	52.0	16,900
40XTV(マフラー付)	" "	" " リング	高性能	6.49	350	1.20	" "	" "	" "	" "	16,700
40TV	" "	クロスフロー、BB、リング	低価格、実用性能大、高トルク	6.52	295	1.0	" "	" "	" "	" "	11,000
35-V BBTW G6	スポーツ機、トレーナー	" " ラップピストン	低価格、実用性能大	5.85	265	0.65	42.0	14.5	32.0	48.0	9,900
35-V TV G6	" "	" PB "	" "	5.85	250	0.60	" "	" "	" "	45.0	8,000
SS30RING(マフラー付)	スケール、スポーツ機	シュニーレ、BB、リング	高性能、高トルク	4.82	220	0.75	37.0	15.0	29.3	43.5	13,000
SS30BB (")	" "	" " プレーンピストン	" "	4.82	225	0.75	" "	" "	" "	" "	11,000
SS30 (")	" "	" PB "	低価格、実用性能大	4.82	210	0.70	" "	" "	" "	" "	8,000
SS25アルクローム(マフラー付)	小型曲技機	" BB アルクロ	高性能、高トルク	4.08	210	0.70	" "	" "	" "	" "	12,800
SS25BB (")	" スポーツ機	" " プレーンピストン	" "	4.08	225	0.65	" "	" "	" "	" "	10,400
SS25 (")	スポーツ機、トレーナー	" PB "	低価格、実用性能大	4.08	210	0.60	" "	" "	" "	" "	7,600
21CX (")	高速スポーツ機	" BB アルクロ	特に高速回転、高性能	3.46	235	0.60	" "	16.0	29.0	44.0	12,800
19VIBBTW	スポーツ機、トレーナー	クロスフロー × ラップピストン	低価格、実用性能大	3.25	175	0.40	36.0	15.5	28.0	39.0	7,900
19-VITV	" "	" PB "	" "	3.25	160	0.36	" "	" "	" "	37.0	5,800
15-IVTV	" "	" " "	" "	2.47	160	0.28	35.0	13.5	26.5	38.0	4,900
11CX(マフラー付)	高速スポーツ機	シュニーレ、BB、アルクロ	特に高速回転、高性能	1.79	130	0.40	34.0	12.5	25.0	34.0	9,800
09-IV BBTW	スポーツ機、トレーナー、グライダー	クロスフロー、BB(樹脂)、ラップピストン	低価格、実用性能大、始動容易	1.62	113	0.18	" "	23.5	32.0	5,800	
09-IV TV	" "	" PB "	" "	1.62	112	0.16	" "	" "	" "	" "	4,300
10TV	スポーツ機	2面排気、PB、ラップピストン	小型	1.64	88	0.18	27.5	11.0	20.5	28.0	5,500
08TV	" "	" " "	" "	1.40	88	0.16	" "	" "	" "	" "	5,100
06D-II TV	" "	" " " ディーゼル	" "	0.99	93	0.13	" "	" "	" "	" "	6,300
06-II TV	" "	" " "	" "	0.99	85	0.10	" "	" "	" "	" "	4,800
049-II TV	" "	" " "	" "	0.81	57	0.07	24.0	" "	17.5	26.0	4,600

R/C用4サイクルエンジン

VT240-4C	スケール、スポーツ機	OHV、BB、リング、V型2気筒									¥
R120-4C(マフラー標準装備)	スケール、スポーツ機、FAI曲技機	" " "	高出力、実用性能大	19.93	910	2.10	60.0	20.0	48.0	63.0	¥54,000
120-4C (" ")	スケール、スポーツ機	" " "	軽量、"	" "	800	1.60	52.0	"	43.0	60.0	47,000
90-4C (" ")	" "	" " "	高出力、"	14.93	815	1.30	" "	" "	" "	" "	41,000
80-4C	" "	" " "	軽量、"	12.60	580	1.10	" "	" "	40.0	53.0	36,000
60-4C	" "	" " "	高出力	" "	9.95	0.90	" "	" "	" "	" "	32,000
60-4C水冷	スケール、ボート	" " "	" "	" "	610	0.90	" "	" "	" "	" "	35,000
46-4CII(マフラー付)	スケール、スポーツ機、曲技機	" " "	" "	7.49	395	0.75	41.0	16.5	33.0	43.0	27,000
35-4C	スケール、スポーツ機	" " アルクロ	" "	5.86	335	0.40	40.0	16.0	31.5	41.0	25,000

R/Cヘリコプター用2サイクルエンジン

60XLF RD GM10SBリング	大型ヘリコプター	シュニーレ、BB、リング、後排、RD	高性能、GMキャラクターがよくマッチ	9.95	705	1.60	52.0	20.0	43.0	56.0	¥32,000
60XLF GM10SBリング	"	" " "	" "	" "	555	" "	" "	" "	" "	" "	25,000

49X GM9SB	中型ヘリコプター	× × ×	× ×	7.97	370	1.35	43.0	18.0	34.0	54.0	17,500
SS50 HELI GM	×	× × ×	× ×	8.10	375	1.35	42.5	×	33.8	50.0	
SS40 HELI	×	× × ×	取扱い容易	6.49	345	1.15	×	×	×	×	
SS30 HELI GM	小型ヘリコプター	× × ×	高性能	4.82	245	0.75	37.0	15.0	29.3	43.5	14,800
SS30 HELI	×	× × ×	取扱い容易	×	220	0.70	×	×	×	×	12,000

R/Cカー用2サイクルエンジン

21CXLレーシングS	1/8バギーカー、レーシングカー	シェニール、BB、アルクロ、後掛	高性能、競技用	3.46	290	0.90	37.0	16.0	29.0	44.0	¥16,700
21CXL GMバギー	×	× × ×	× ×	×	290	0.90	×	×	×	×	16,500
21CXレーシングS	×	× × ×	× ×	×	285	0.90	×	×	×	×	16,700
21CXレーシングG	× ×	× × ×	× スポーツ用	×	280	0.80	×	×	×	×	16,500
21CX GMバギー	×	× × ×	× 競技用	×	285	0.80	×	×	×	×	14,000
21CXカー	×	× × ×	× スポーツ用	×	270	0.80	×	×	×	×	13,000
19-VI BBTV	×	クロスフロー、× ラップピストン	低価格、	3.25	175	0.40	×	15.5	28.0	39.0	7,900
11CXカー	1/8バギーカー、レーシングカー	シェニール、× アルクロ	高性能、競技用	1.79	150	0.40	34.0	12.5	25.0	34.0	9,500
クイッキー09(プラグNo.3付)	×	クロスフロー、× ラップピストン	取扱い容易	1.62	145	0.18	×	×	23.5	32.0	7,860
09-IV BBTV	×	× BB(1個) ×	低価格、スポーツ用	×	113	0.18	×	×	×	×	5,800

R/Cボート用2サイクルエンジン

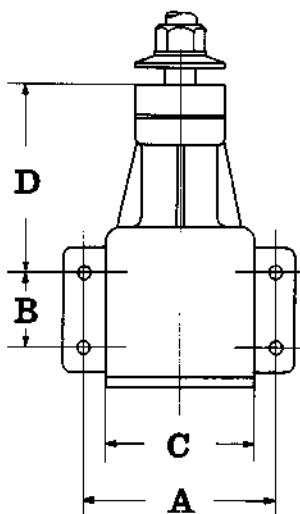
60XLRV水冷 GM10アルクロ	× ×	× × × × ×	× ×	9.95	560	1.80	×	×	×	×	31,500
60XF-III水冷アルクロ(キャブ無し)	× ×	× × ×	× ×	9.95	470	1.80	×	×	×	×	24,000
60XF-III水冷 GM10アルクロ	× ×	× × ×	× ×	9.95	535	1.80	×	×	×	×	28,500
60-III B水冷TV G8	スポーツ、クルーザー	クロスフロー、× リング	低価格、スポーツ用	9.95	420	1.45	×	×	37.0	55.0	16,400
45CX水冷 GM9SB	レーシング、ボート	シェニール、× アルクロ	チュードマラー使用、高性能	7.48	385	1.50	43.0	18.0	34.0	54.0	20,500
45-II 水冷TV	スポーツ、クルーザー	クロスフロー、× リング	低価格、スポーツ用	7.42	305	1.05	×	16.0	33.0	49.0	12,700
40水冷TV	× ×	× × ×	× ×	6.52	305	1.0	×	×	×	×	11,900
35-V BB水冷TV G6	× ×	× × ラップピストン	× ×	5.85	275	0.65	42.0	14.5	32.0	48.0	10,700
35-V 水冷TV G6	× ×	× PB ×	× ×	5.85	260	0.60	×	×	×	45.0	8,800
21CX GM水冷(マフラー付)	レーシング、ボート	シェニール、BB アルクロ	高性能、競技用	3.46	255	0.90	37.0	16.0	29.0	44.0	16,900
21CX水冷(G7 マフラー付)	× ×	× × ×	× ×	3.46	260	0.80	×	×	×	×	14,200
19-VI BBB水冷TV	× ×	クロスフロー、× ラップピストン	低価格、スポーツ用	3.25	185	0.40	36.0	15.5	28.0	39.0	8,700
19-VI 水冷TV	× ×	× PB ×	× ×	3.25	175	0.36	×	×	×	37.0	6,600
15-IV 水冷TV	× ×	× × ×	× ×	2.41	175	0.28	35.0	13.5	26.5	38.0	5,500
09-IV 水冷TV	× ×	× × ×	× ×	1.62	115	0.18	34.0	12.5	23.5	32.0	4,900

C/L用2サイクルエンジン

49X(マフラー付)	高性能曲技機	シェニール、BB、リング	曲技競技用として最適	7.97	335	1.30	43.0	18.0	34.0	54.0	¥15,900
45-II	×	クロスフロー、× ×	×	7.42	280	1.15	×	16.0	23.5	49.0	10,600
40	×	× × ×	×	6.52	280	1.10	×	×	×	×	9,800
45S	×	× PB ラップピストン	低価格、実用性能大	7.44	235	0.70	42.0	15.0	32.0	45.0	6,600
35-V BB	スポーツ機、トレーナー	× BB ×	× ×	5.85	245	0.85	×	14.5	×	48.0	7,800
35-V	× ×	× PB ×	× ×	5.85	220	0.80	×	×	×	45.0	5,900
19-VI B	× ×	× × ×	× ×	3.25	165	0.46	36.0	15.5	28.0	39.0	6,800
19-VI	× ×	× × ×	× ×	3.25	150	0.42	×	×	×	37.0	4,800
15-IV	× ×	× × ×	× ×	2.47	150	0.33	35.0	13.5	26.5	38.0	3,900
11CX	高性能曲技機	シェニール、BB アルクロ	特に高速回転高性能	1.79	120	0.40	34.0	12.5	25.0	34.0	7,400
09-IV BB	スポーツ機、トレーナー、曲技機	クロスフロー、PB ラップピストン	低価格、実用性能大	1.62	96	0.22	×	×	23.5	32.0	4,900
09-IV	× × ×	× × ×	× ×	1.62	95	0.20	×	×	×	×	3,400
10	スポーツ機、曲技機	2面排気、× ×	小型、軽量	1.64	83	0.22	27.5	11.0	20.5	28.0	4,200
08	× ×	× × ×	× ×	1.40	83	0.20	×	×	×	×	3,900
06D-II	× ×	× × ×	ディーゼル	0.99	88	0.16	×	×	×	×	5,100
06-II	× ×	× × ×	× ×	0.99	80	0.12	×	×	×	×	3,600
049-II	× ×	× × ×	× ×	0.81	53	0.08	24.0	×	17.5	26.0	3,400

附属部品一覧表

外径寸法図



キャブレター(スロットル/バルブ)

60X GM-9SC(ヒコーキ用)	15.0	¥4,500
" GM-10SB(主にヘリ用)	"	4,500
" J-12(レーシングボート用)	"	6,000
" G8	"	3,500
60IIIB G8	13.0	3,000
" G7	"	2,500
45CXL,45CX GM-9SC(飛行機用)	"	4,500
49X,SS50ヘリ GM-9SB(ヘリ,ボート用)	"	4,500
40CX~49X,SS40BB,SS45BB G7	"	2,500
40,45-II	"	1,600
SS40,SS40ヘリ	"	1,600
35V,35VBB G6	12.0	2,300
SS25BB,SS30BB,SS30リング G5.5	"	2,300
SS25,SS30,SS30ヘリ	"	1,400
SS30ヘリGM	"	4,500
21CX G6	13.0	2,300
" G7	"	2,300
" スライドキャブレター	"	6,000
" GMバギー	"	5,000
19-VI BB	10.0	1,350
19-VI	8.8	1,250
15-IV	"	1,250
11CX G4.5	10.0	2,300
" G6(車,ボート用)	"	2,300
09-IV,09-IV BB	7.0	1,200
クイック-09	7.0	1,200
10		1,400
08		1,400
06-II,06D-II		1,400
049-II		1,400
VT240-4C		
"		
R120-4C GC9		5,000
120-4C G8.3		4,000
90-4C G8.3(ベンチュリー付)		4,000
80-4C G7		3,000
60-4C G5.7		3,000
46-4C GC5.5		3,300
35-4C G4.5		2,500

マフラー

60XF,RV		¥1,500
60IIIB		1,300
40CX,45CX,SS40,SS45BB		1,300
" スペシャル		2,300
40X~49X		1,300

35~45	¥ 900
SS30ヘリ	1,600
SS25BB,30,30BB	1,000
SS25	800
15~19,21CX	800
11CXカー	1,200
11CX	600
09	600
10	500
06~08	500
049	500
RI20-4C スペシャル	5,000
90-120-4C スペシャル	4,000
60-4C,80-4C 直結	2,000
46-4C,60-4C,80-4C	1,600

チューンドマフラー

60XL用 TM60XL	¥8,500
60XF,RV用 TM60-II S70	8,500
60XF,RV用 TM60-II S60	8,500
40X~49X,40CX~45CX用, TM40/49M(改良型)	8,000
19X~25X用 TM19/25	5,500
SS25~30用 TM25/30	5,500

シンクヘッド

21XLレーシング用(アルミ合金切削加工)	¥2,500
21CXレーシング用 "	2,500
21CXカー用(ダイカスト)	1,400
11CXカー用(ダイカスト)	690

水冷ヘッド

60X用 (アルミ合金切削加工)	¥3,000
45CX,45CXL用 (" ")	2,500
21CX用 (" ")	1,800
21X用 (" ")	1,500

グローブラグ

ENYA No.3 (ホット)	¥ 360
No.4 (メディアム)	430
No.5 (メディアム)	520
No.6 (コールド)	640

RD(リアドライブ)キット

60XF,60XLF用	¥11,000