OPTION MENU

INDUSTRIAL ENGINE

LV, LN, LW

L48V
L48N
L70V
L70N
L70W
L100V
L100N
L100W

YANMAR

California
Proposition 65 Warning

Gas engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects, and other reproductive harm.

Disclaimers:

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OPTION MENU	MODEL	L48V, L48N, L70V, L70N, L70W, L100V, L100N, L100W
	CODE	0ELW4-EN0011

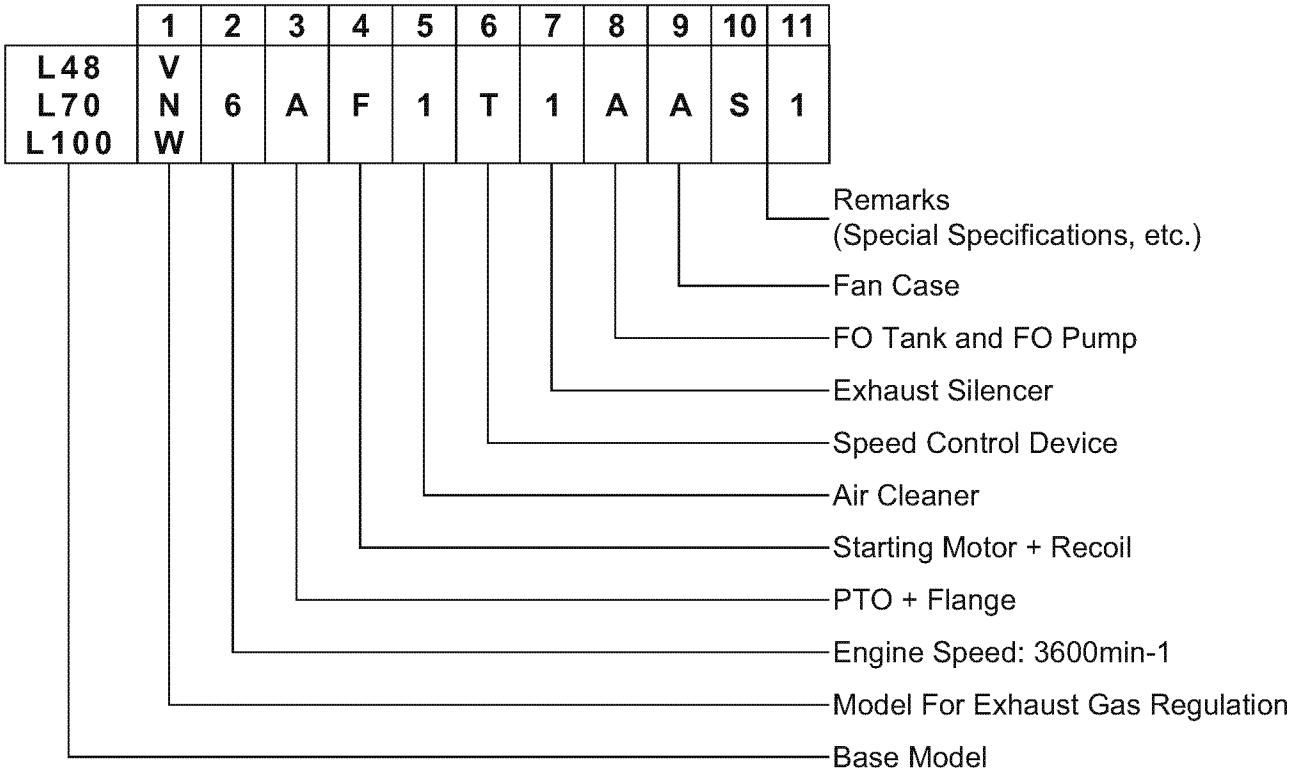
Introduction

Contents

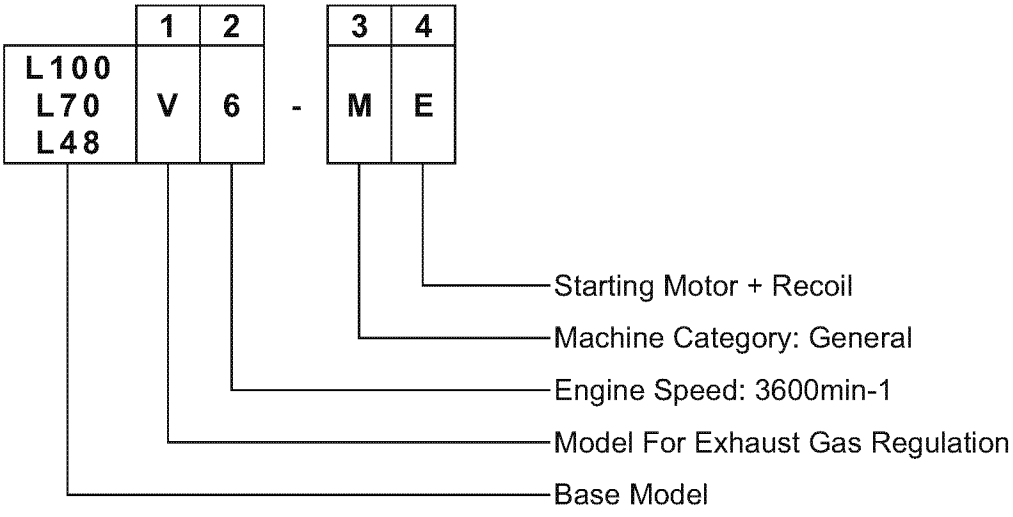
1.How to Read the Option Menu

(1-1) Engine model designation

a) Engines for Euro and U.S

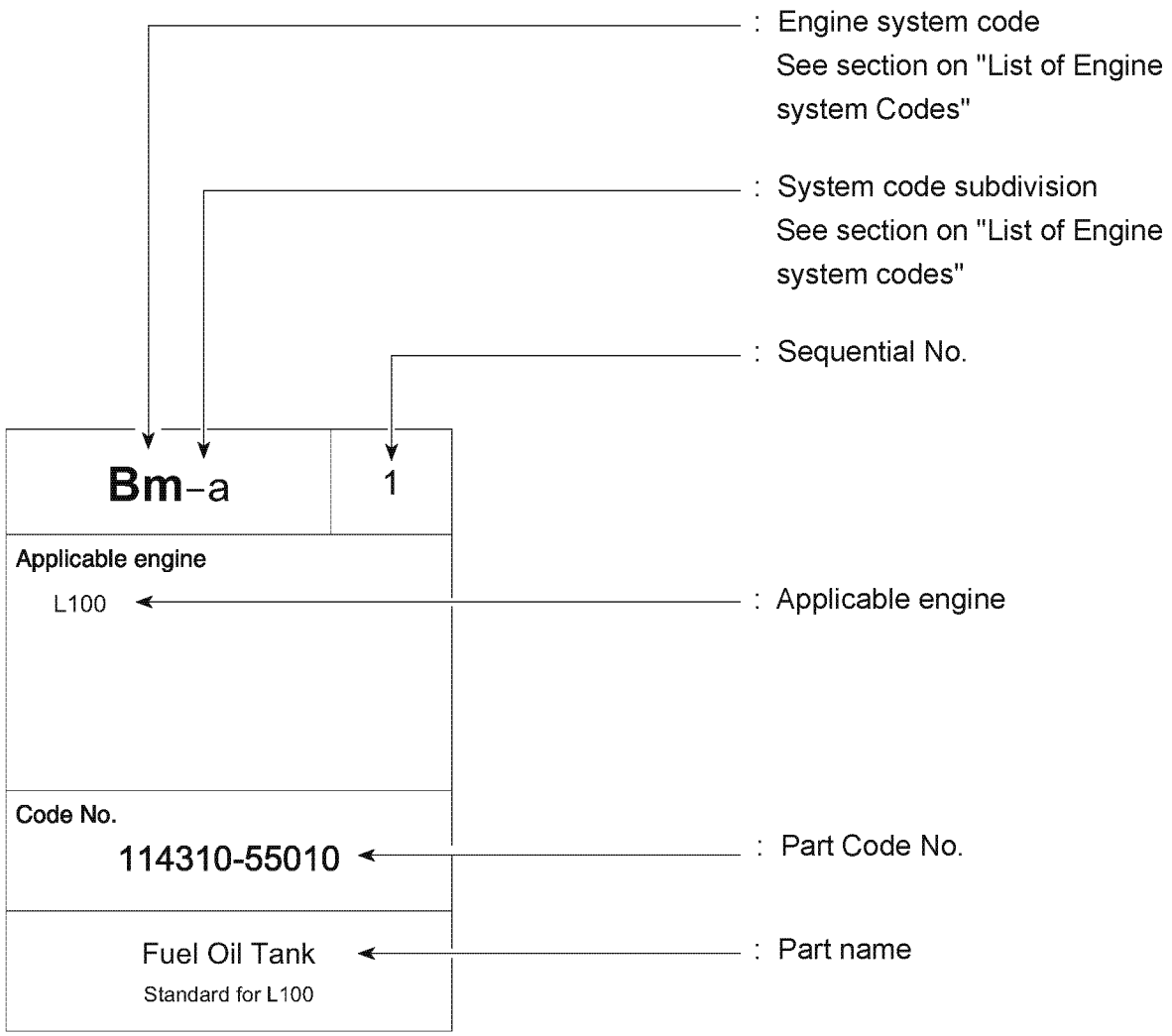


b) Engines for Asia



(1-2) Option menu code

All parts in this Option Menu are coded according to engine systems as follows:



Remarks :

Engine system code, system code subdivision and sequential No. , e.g. Bm-b-3, are not allowed to be used in place of part code No. in order sheet. The sequential No. would be altered without notice.

Part code No. should be used in order sheet.

There are more versatile parts.
So, please contact us if you would like more information.

We reserve the right to make any change at any time without notice.

(1-3) Explanation of marks

The marks in the specification of engine category indicate the following:

◎ **Engine standard part**

△ **Optional part**

× **Not applicable part**

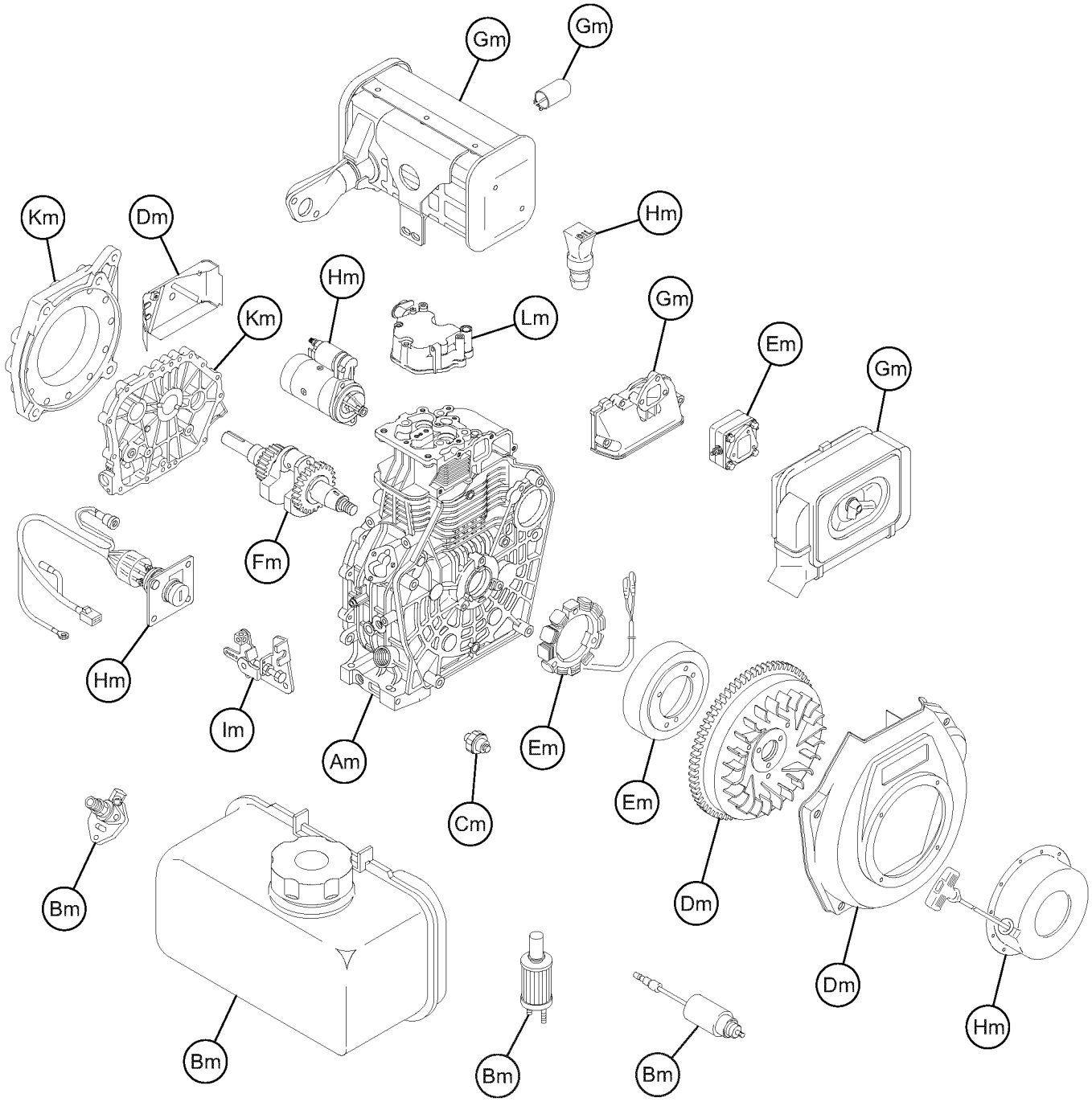
Gm - a Air Cleaner

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
4	183382-12510	△	△	△	△	△	△	△	△	△	△	△		
5	114250-12570	◎	◎	◎	△	△	◎	◎	◎	△	◎	△		
7	114288-12511	×	×	×	◎	△	×	×	×	◎	×	△		
19	114250-12970	△	△	△	△	△	△	△	△	△	△	△		
	None	△	△	△	△	△	△	△	△	△	△	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	114210-12511	◎	◎	◎	△	◎	◎	◎	△	◎	◎	◎	◎	△
10	114220-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
11	114240-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
14	D14220-12900	△	△	△	△	△	△	△	△	△	△	△	△	△

2.List of Engine System Codes

System Code	System	Part Name	Part Group Code
Bm	Fuel System	Fuel oil tank	Bm-a
		Solenoid valve	Bm-b
		Fuel ingection pump	Bm-c
		Fuel feed pump	Bm-d
		Fuel filter	Bm-e
Cm	Lubricating System	Oil pressure switch	Cm-a
		LO drain, extension	Cm-b
Dm	Cooling System	Flywheel	Dm-a
		Fancase	Dm-b
		Eng cover	Dm-c
Em	Electric System	Air heater	Em-a
		Dynamo	Em-b
Fm	PTO	Crankshaft	Fm-a
Gm	Intake & Exhaust System	Air cleaner	Gm-a
		Intake bend	Gm-b
		Exhaust silencer	Gm-c
		Deflector	Gm-d
Hm	Starting System	Recoil starter	Hm-a
		Starting motor	Hm-b
		Key switch	Hm-c
		Planger, starting	Hm-d
Im	Speed Control System	Speed control device	Im-a
Km	Flange	Flange, tiller	Km-a
		Crank case cover	Km-b
Lm	Decomp.	Bonnet	Lm-a
		Remote decomp.	Lm-b



Am	Base specifications	Gm	Intake & Exhaust System
Bm	Fuel System	Hm	Starting System
Cm	Lubricating System	Im	Speed Control System
Dm	Cooling System	Km	Flange, tiller
Em	Electric System	Lm	Decomp.
Fm	PTO		

3.Specification Tables

Model name			L48V6V	L48V5V	L48N6
Type			4-stroke, vertical-cylinder, air-cooled diesel		
Combustion system			Direct injection		
No. of cylinder-bore×stroke		mm	1-φ70×57		
Displacement		liter	0.219		
Output	Continuous	kW/min^{-1}	3.1 (4.2PS, 4.2HP) / 3600	2.7 (3.7PS, 3.6HP) / 3000	3.1 (4.2PS, 4.2HP) / 3600
	Maximum	kW/min^{-1}	3.4 (4.6PS, 4.6HP) / 3600	3.0 (4.1PS, 4.0HP) / 3000	3.5 (4.8PS, 4.7HP) / 3600
Speed at no load	Minimum	min^{-1}	1200 or more		
	Maximum	min^{-1}	3800±30	3175±30	3800±30
PTO shaft	PTO position		Crankshaft		
	Direction of rotation		Counterclockwise viewed from PTO side		
Injection timing (FIC-air)		deg.	BTDC.14.5±1.0	BTDC.13.5±1.0	＊BTDC.16.5±1.0
Fuel	Continuous		Diesel fuel (L-V：Ultra low sulfur)		
Lubricating	Oil selection		Grade CJ-4	SAE 10W30, API grade CD or higher	
	Oil capacity	liter	**0.8 (effective, 0.25)**		
Governor			All speed type, mechanical		
Balancer shaft			Single balancer shaft		

＊ This value is for stepped plunger type of fuel injection pump in L48N series

Model name			L70V6	L70V5
Type			4-stroke, vertical-cylinder, air-cooled diesel	
Combustion system			Direct injection	
No. of cylinder-bore × stroke		mm	1-φ78×67	
Displacement		liter	0.320	
Output	Continuous	kW/min^{-1}	4.3 (5.8PS, 5.8HP) / 3600	4.0 (5.4PS, 5.4HP) / 3000
	Maximum	kW/min^{-1}	4.8 (6.5PS, 6.4HP) / 3600	4.4 (6.0PS, 5.9HP) / 3000
Speed at no load	Minimum	min^{-1}	1200 or more	
	Maximum	min^{-1}	3800±30	3175±30
PTO shaft	PTO position		Crankshaft	
	Direction of rotation		Counterclockwise viewed from PTO side	
Injection timing (FIC-air)		deg.	BTDC.15.5 ±0.8	BTDC.13.5±0.8
Fuel	Continuous		Diesel fuel (L-V : Ultra low sulfur)	
Lubricating	Oil selection		SAE 10W30, API grade CD or higher	
	Oil capacity	liter	1.1 (effective, 0.4)	
Governor			All speed type, mechanical	
Balancer shaft			Single balancer shaft	

Model name			L70N6	L70W6
Type			4-stroke, vertical-cylinder, air-cooled diesel	
Combustion system			Direct injection	
No. of cylinder-bore × stroke		mm	1-φ78×67	
Displacement		liter	0.320	
Output	Continuous	kW/min^{-1}	4.4 (6.0PS, 5.9HP) / 3600	4.3 / 3600
	Maximum	kW/min^{-1}	4.9 (6.7PS, 6.6HP) / 3600	4.8 / 3600
Speed at no load	Minimum	min^{-1}	1200 or more	
	Maximum	min^{-1}	3800±30	3800±30
PTO shaft	PTO position		Crankshaft	
	Direction of rotation		Counterclockwise viewed from PTO side	
Injection timing (FIC-air)		deg.	*BTDC.13.0±1.0	BTDC.14.0±0.5
Fuel	Continuous		Diesel fuel (L-W : Ultra low sulfur)	
Lubricating	Oil selection		SAE 10W30, API grade CD or higher	Grade: CJ-4
	Oil capacity	liter	1.1 (effective, 0.4)	
Governor			All speed type, mechanical	
Balancer shaft			Single balancer shaft	

* This value is for stepped plunger type of fuel injection pump in L70N series

Model name			L100V6	L100V5
Type			4-stroke, vertical-cylinder, air-cooled diesel	
Combustion system			Direct injection	
No. of cylinder-bore × stroke		mm	1-φ86×75	
Displacement		liter	0.435	
Output	Continuous	kW/min^{-1}	6.2 (8.4PS, 8.3HP) / 3600	5.7 (7.7PS, 7.6HP) / 3000
	Maximum	kW/min^{-1}	6.8 (9.2PS, 9.1HP) / 3600	6.3 (8.6PS, 8.4HP) / 3000
Speed at no load	Minimum	min^{-1}	1200 or more	
	Maximum	min^{-1}	3800±30	3175±30
PTO shaft	PTO position		Crankshaft	
	Direction of rotation		Counterclockwise viewed from PTO side	
Injection timing (FIC-air)		deg.	BTDC.16.5 ± 1.0	BTDC.14.5±1.0
Fuel	Continuous		Diesel fuel (L-V : Ultra low sulfur)	
Lubricating	Oil selection		SAE 10W30, API grade CD or higher	
	Oil capacity	liter	1.6 (effective, 0.6)	
Governor			All speed type, mechanical	
Balancer shaft			Single balancer shaft	

Model name			L100N6	L100W6
Type			4-stroke, vertical-cylinder, air-cooled diesel	
Combustion system			Direct injection	
No. of cylinder-bore × stroke		mm	1-φ86×75	
Displacement		liter	0.435	
Output	Continuous	kW/min^{-1}	6.6 (9.0PS, 8.9HP) / 3600	6.2 / 3600
	Maximum	kW/min^{-1}	7.4 (10.1PS, 9.9HP) / 3600	6.8 / 3600
Speed at no load	Minimum	min^{-1}	1200 or more	
	Maximum	min^{-1}	3800±30	3800±30
PTO shaft	PTO position		Crankshaft	
	Direction of rotation		Counterclockwise viewed from PTO side	
Injection timing (FIC-air)		deg.	*BTDC.13.0±1.0	BTDC.16.5±0.5
Fuel	Continuous		Diesel fuel (L-W : Ultra low sulfur)	
Lubricating	Oil selection		SAE 10W30, API grade CD or higher	Grade: CJ-4
	Oil capacity	liter	1.6 (effective, 0.6)	
Governor			All speed type, mechanical	
Balancer shaft			Single balancer shaft	

* This value is for stepped plunger type of fuel injection pump in L100N series

4.Engine Outlines

Outline drawings of standard models

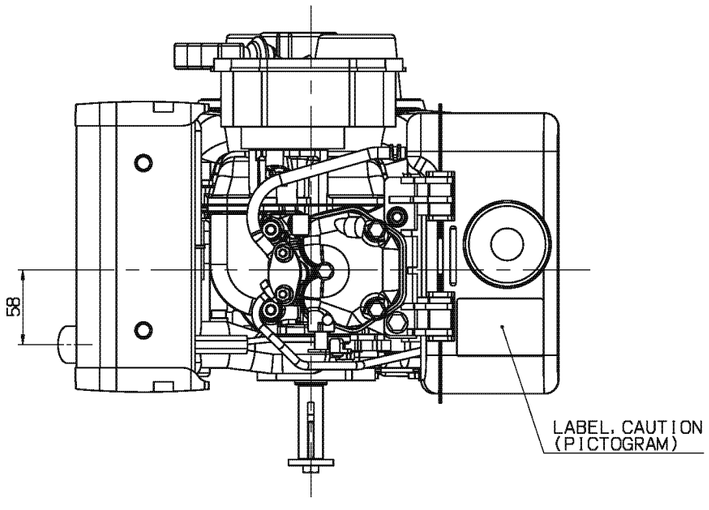
	Category	Sales area	L48	L70	L100
L-V	General	Euro	L48V6VCA1T8AA	L70V6CA1T1AA	L100V6CA1T1AA
		Asia	L48V6V-MEYI	L70V6-MEYI	L100V6-MEYI
	Generator	Euro	L48V5VEA1C8AA	L70V5EA1C1AA	L100V6EA1C1AA
		Asia	L48V5V-GEYI	L70V6-GEYI	L100V6-GEYI
	Pump	Euro	L48V6VDA1F8AA	L70V6DA1F1AA	L100V6DA1F1AA
		Asia	L48V6V-PEYI	L70V6-PEYI	L100V6-PEYI
	V-machine	Euro	L48V6VAF3R8AACD	L70V6AA1R1AA	L100V6AA1R1AAS1
		Asia	L48V6V-VYI	L70V6-VEYI	L100V6-VEYI
	Stamper	Euro	L48V6VKF9T6ERSB		
		Asia			
L-N	General	Global	L48N6CA1T1AA	L70N6CA1T1AA	L100N6CA1T1AA
		Asia	L48N6-MEYI	L70N6-MEYI	L100N6-MEYI
	Generator	Global	L48N5EA1C1AA	L70N5EA1C1AA	L100N5EA1C1AA
		Asia	L48N5-GEYI	L70N5-GEYI	L100N5-GEYI
	Pump	Global	L48N6DA1F1AA	L70N6DA1F1AA	L100N6DA1F1AA
		Asia	L48N6-PEYI	L70N6-PEYI	L100N6-PEYI
	V-machine	Global	L48N6AF3R4AACD	L70N6AJ8R2AAPC	L100N6AJ8R2AAPC
	Tiller	Global	L48N6FF1P1AA	L70N6FJ1P1AA	L100N6FJ1P1AA
	Stamper	Global	L48N6KF9T3ERSB		
L-W	Standard	USA		L70W6CA1T8AA	L100W6CA1T8AA
	Generator	USA		L70W6EA1C8AA	L100W6EA1C8AA
	Pump	USA		L70W6DA1F8AA	L100W6DA1F8AA
	V-machine	USA		L70W6AA1R8AA	L100W6AA1R8AA

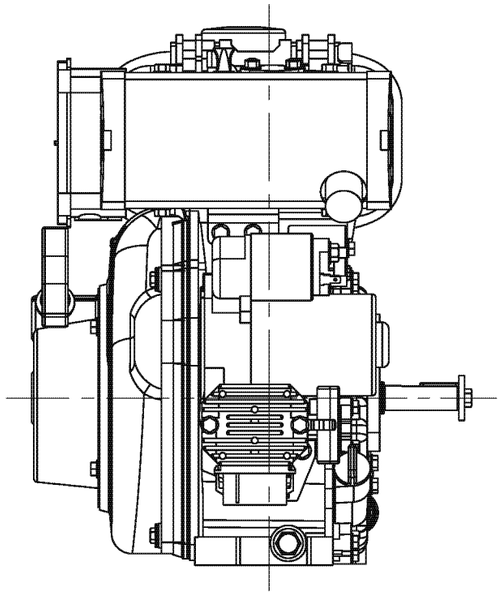
* Global : No emission regulation area

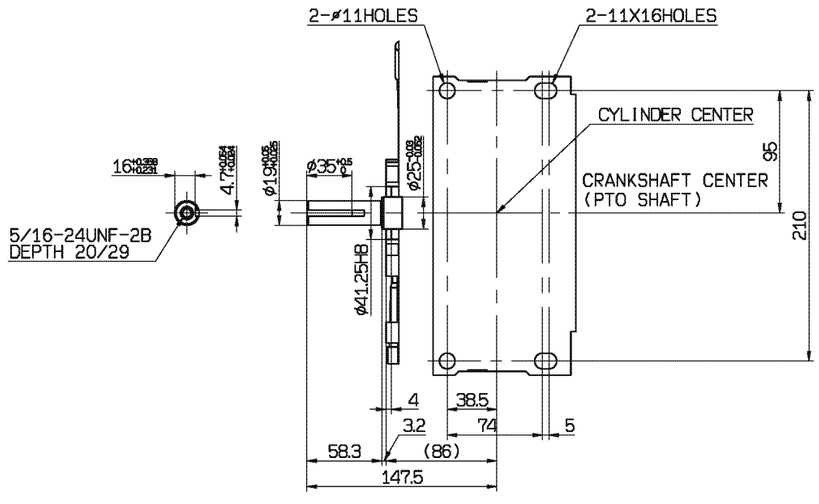
4.Engine Outlines

L48 General

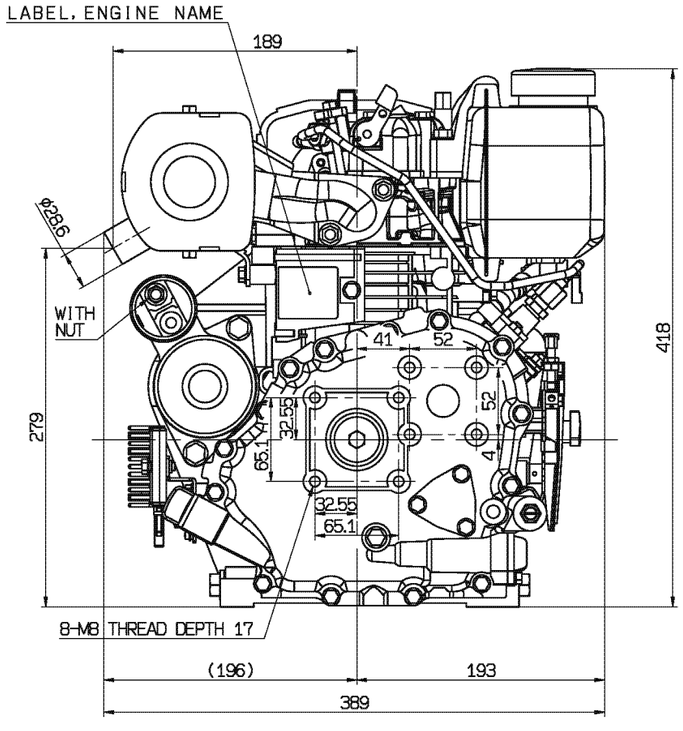
No	Base	Sales area	Model
1	L-N	Global	L48N6CA1T1AA
2		Asia	L48N6-MEYI
3	L-V	Euro	L48V6VCA1T8AA

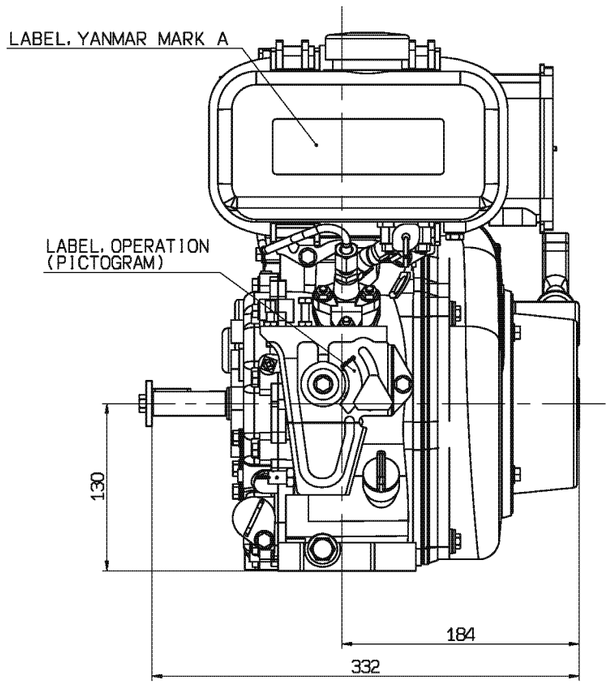


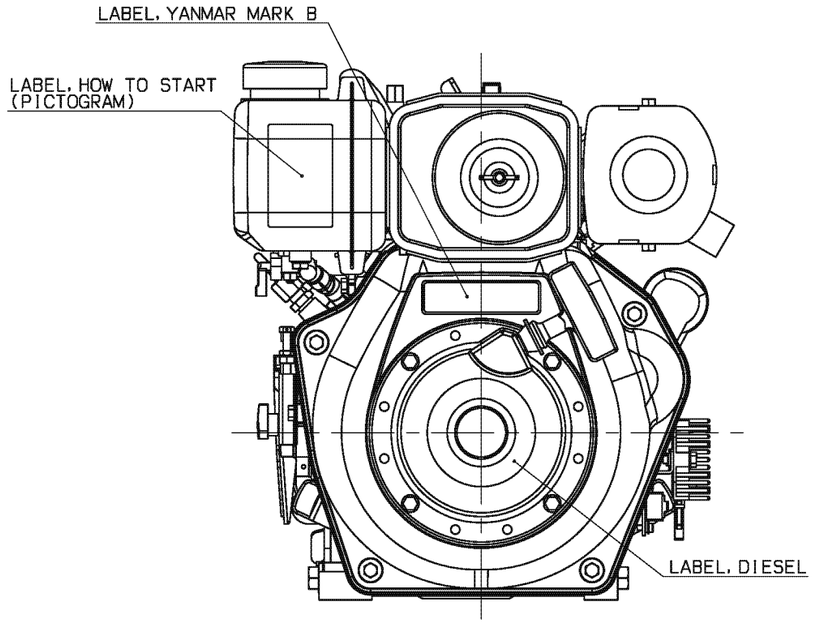




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



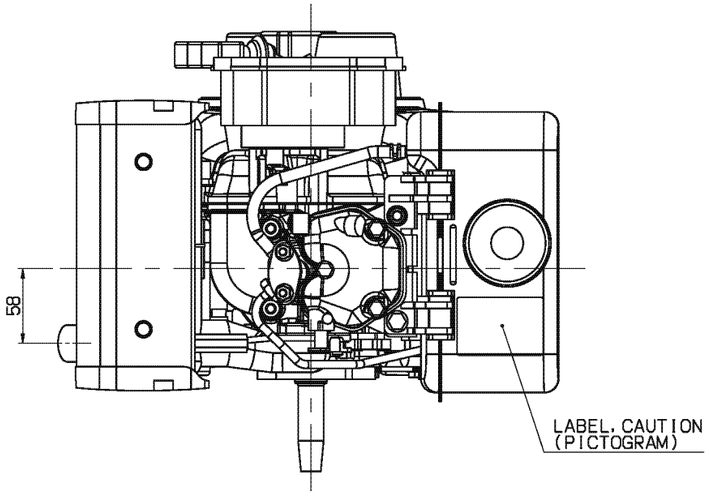


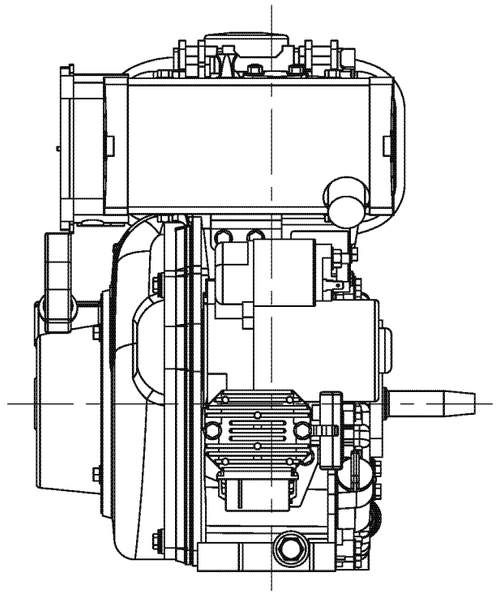


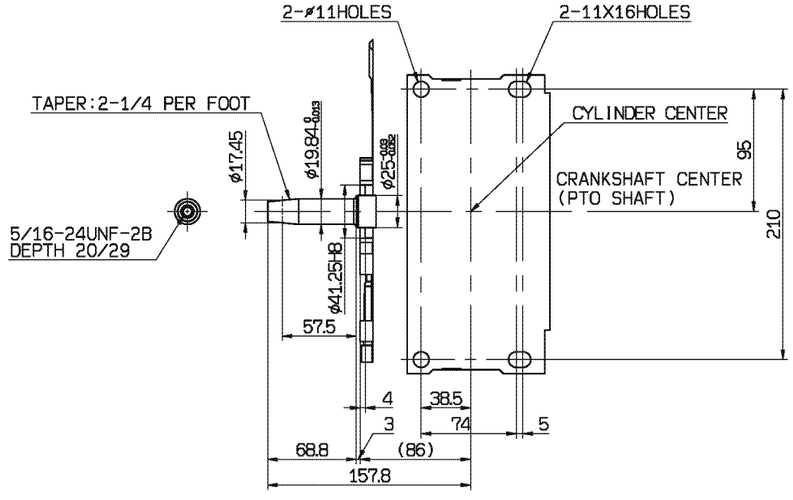
-This outline shows No.1 model as a representative
-No.2 is different from No.1 at FIE parts and FO tank gauge.
-No.3 is different from No.1 at FO limiter and muffler.

L48 Generator

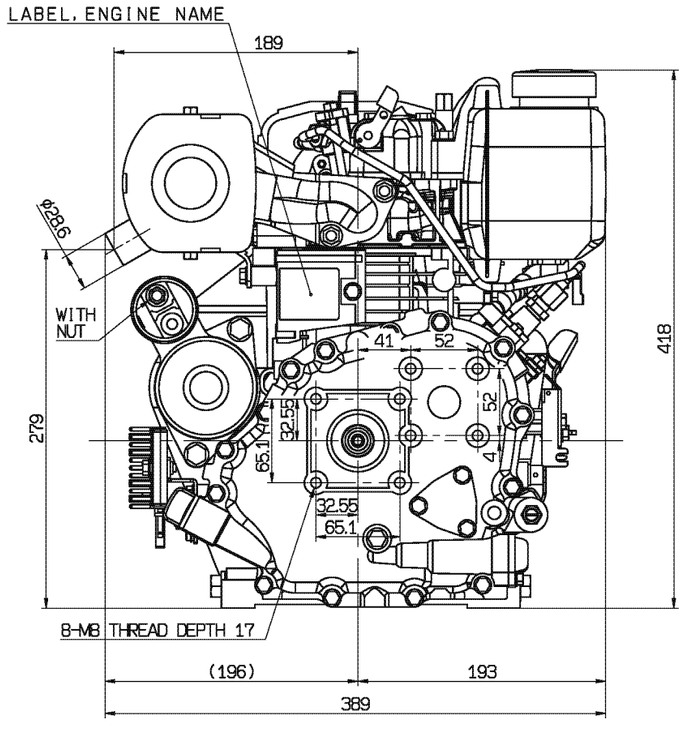
No	Base	Sales area	Model
1	L-N	Global	L48N5EA1C1AA
2		Asia	L48N5-GEYI
3	L-V	Euro	L48V5VEA1C8AA

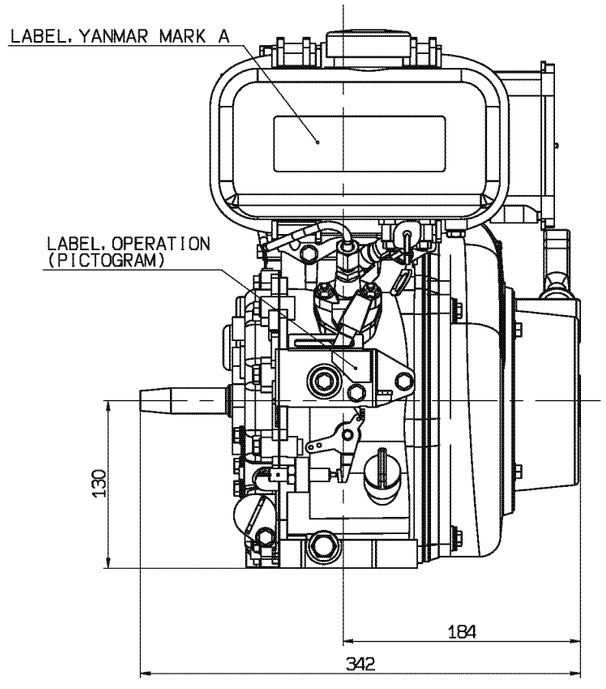


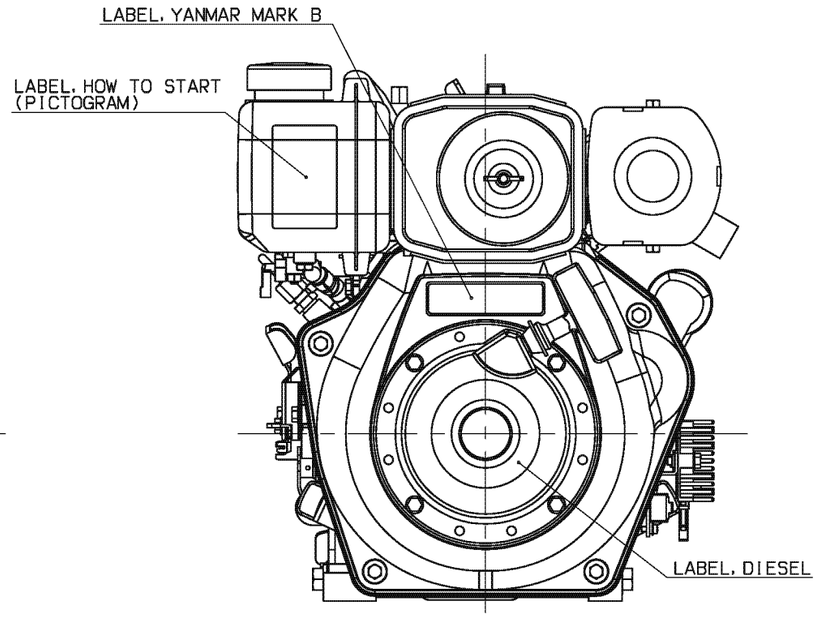




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE







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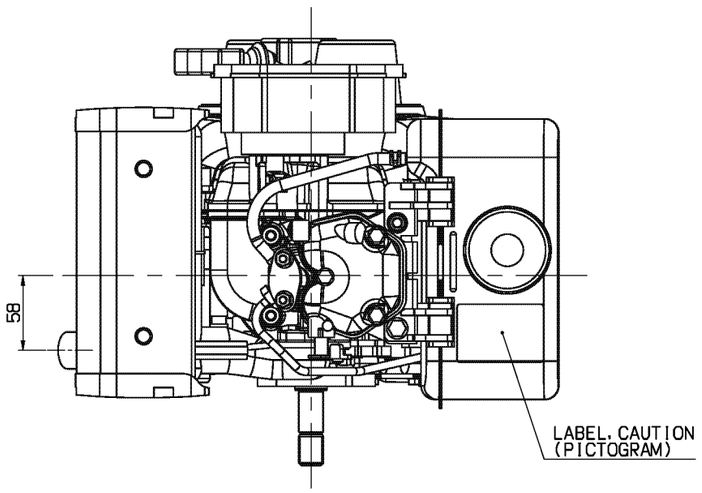
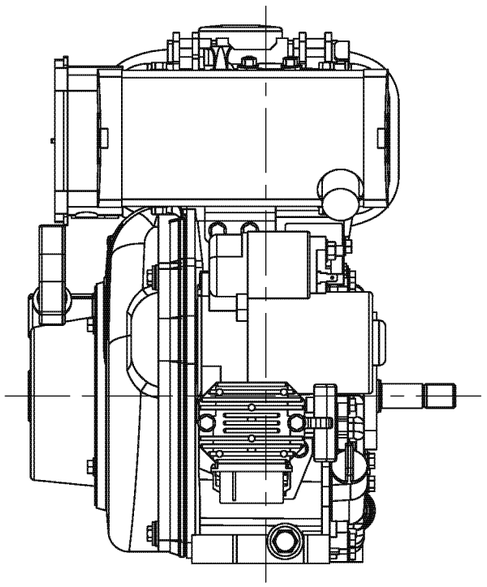
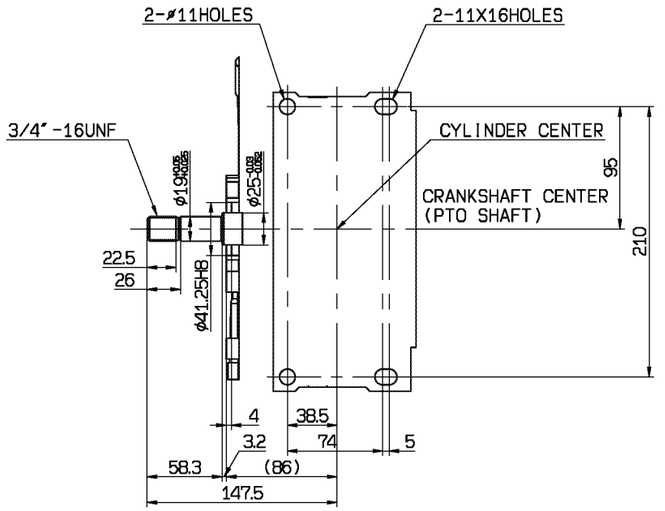
L48 Pump

No	Base	Sales area	Model
1	L-N	Global	L48N6DA1F1AA
2		Asia	L48N6-PEYI
3	L-V	Euro	L48V6VDA1F8AA







ENGINE MOUNTING PLATE AND PTO SHAFT
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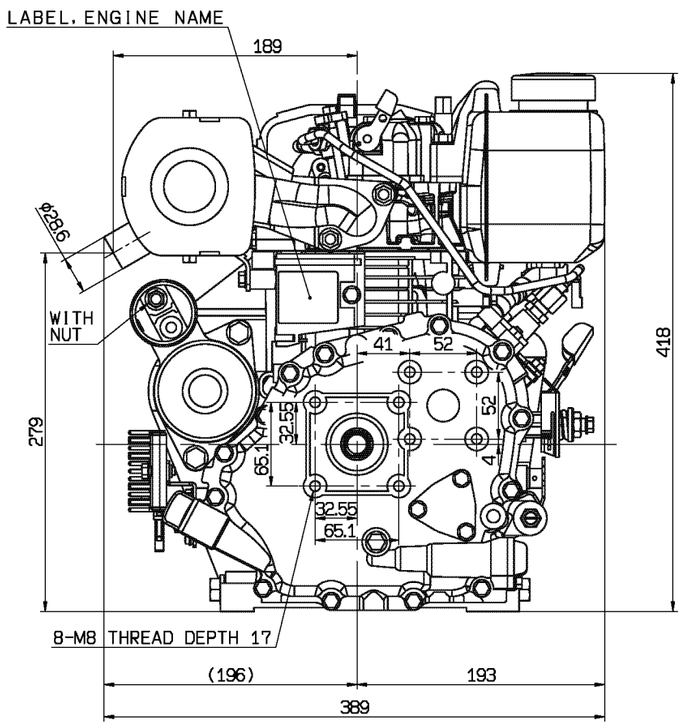

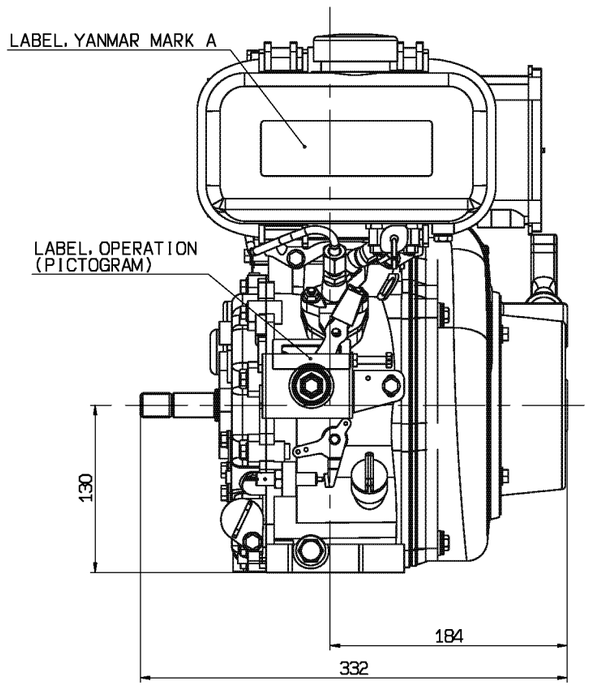

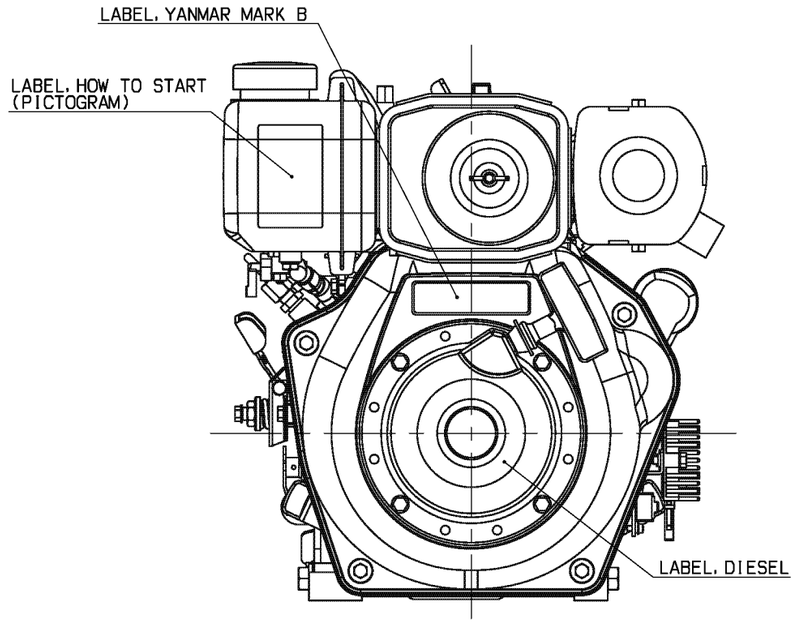

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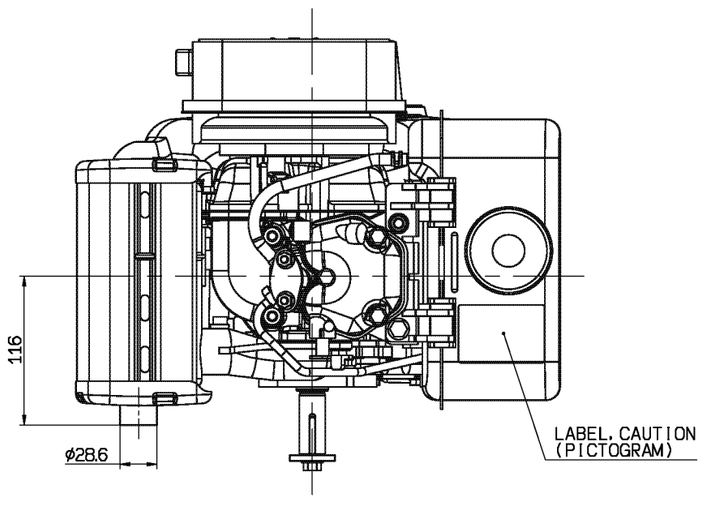
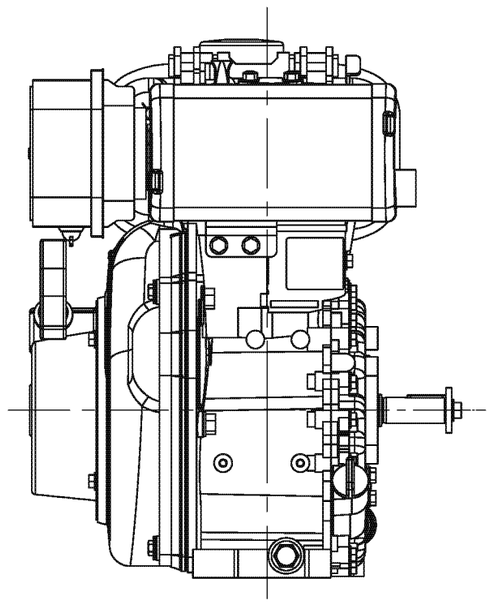
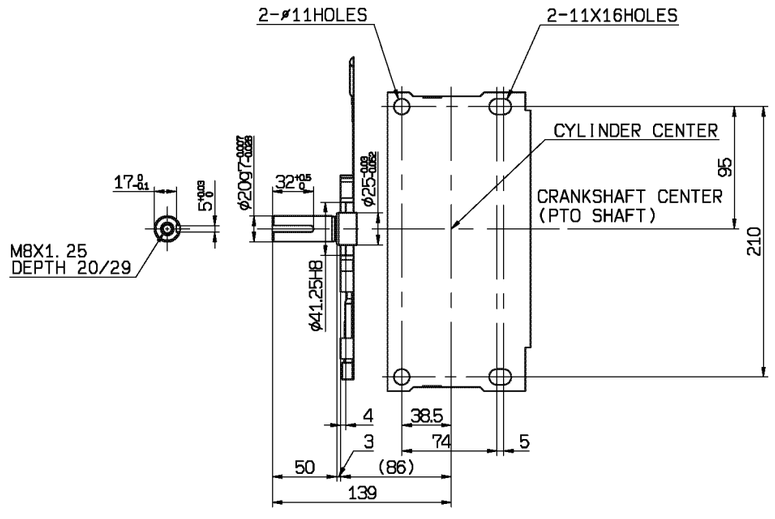
L48 V-machine

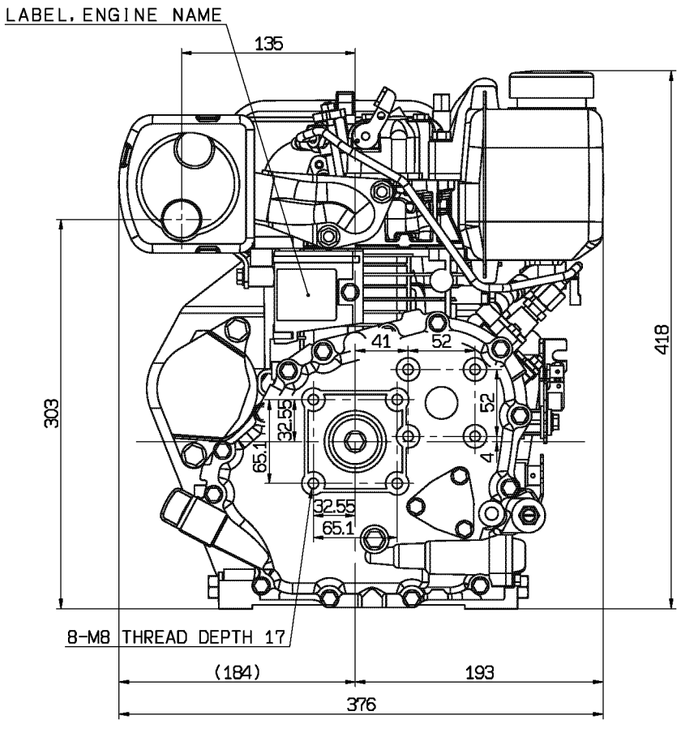
No	Base	Sales area	Model
1	L-N	Global	L48N6AF3R4AACD
2	L-V	Euro	L48V6VAF3R8AACD

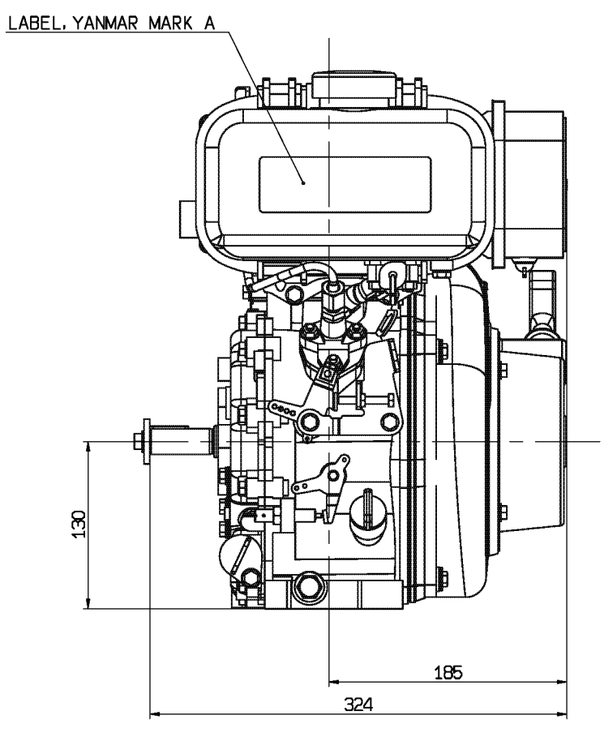


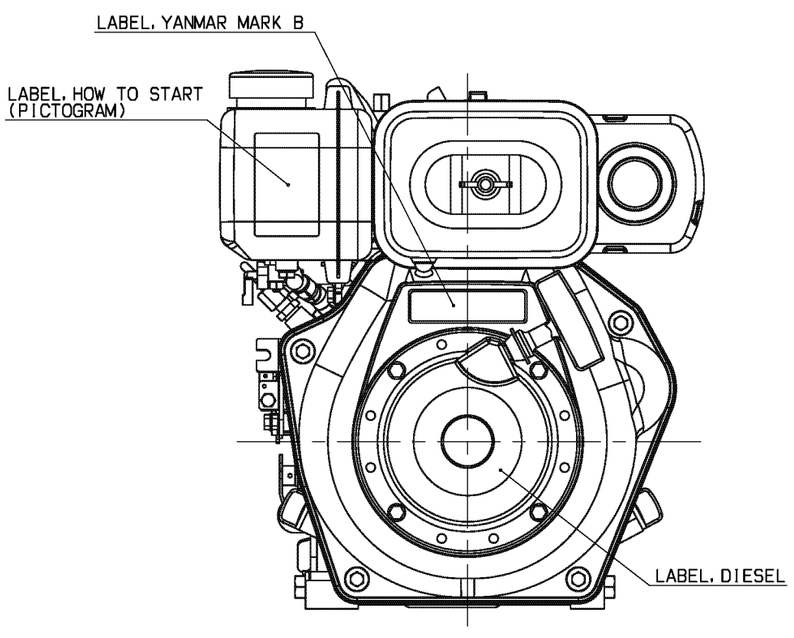




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



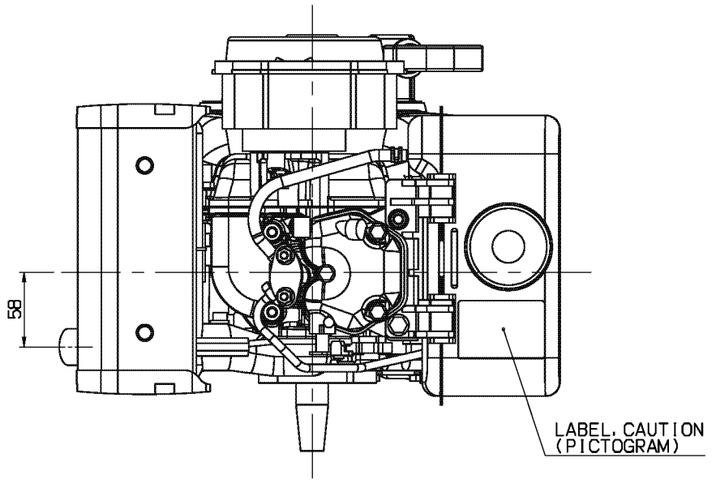


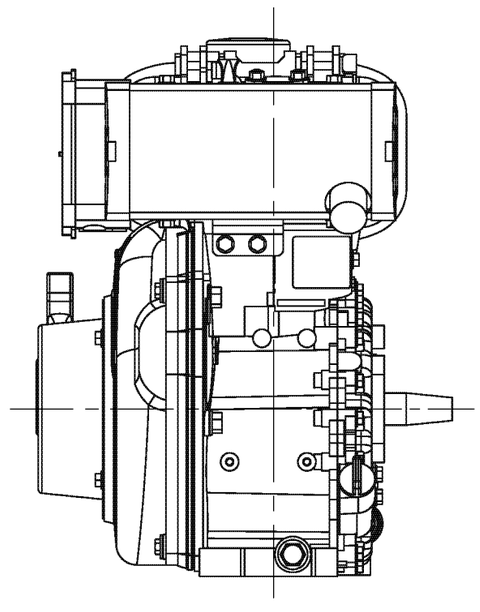


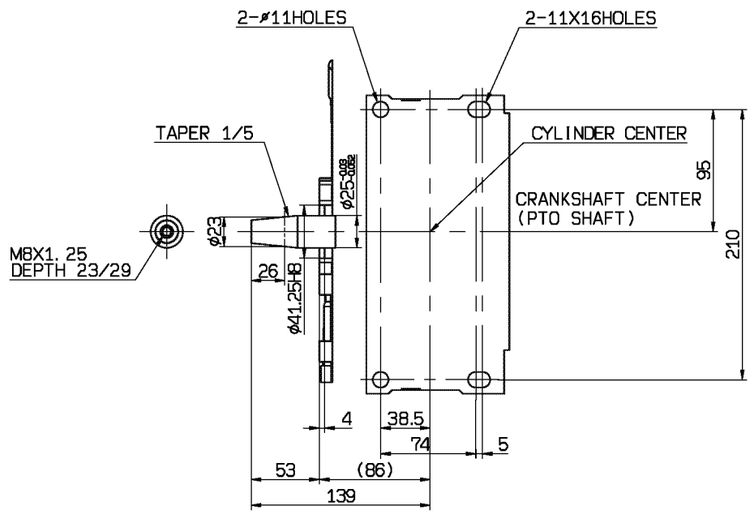
-This outline shows No.1 model
-No.2 is different from No.1 at FO limiter and muffler.

L48 Tiller

No	Base	Sales area	Model
1	L-N	Global	L48N6FF1P1AA

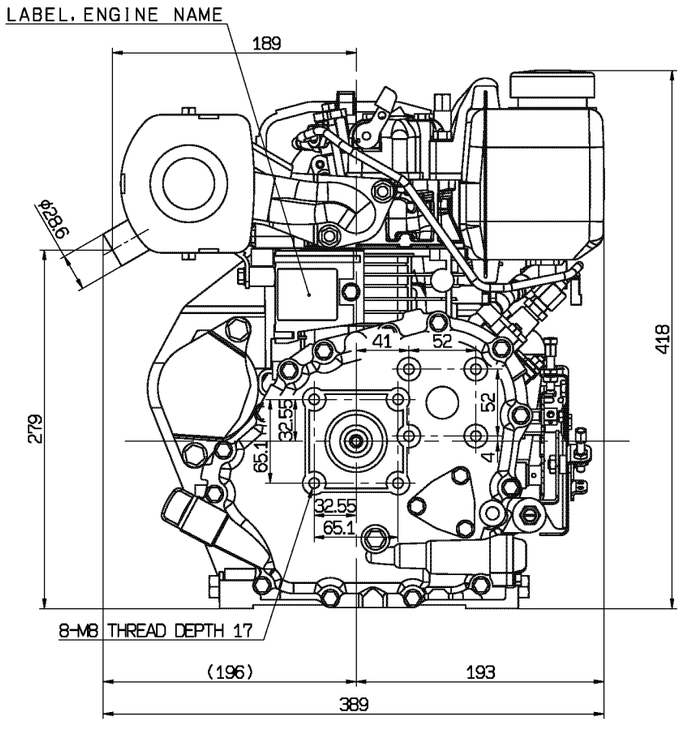


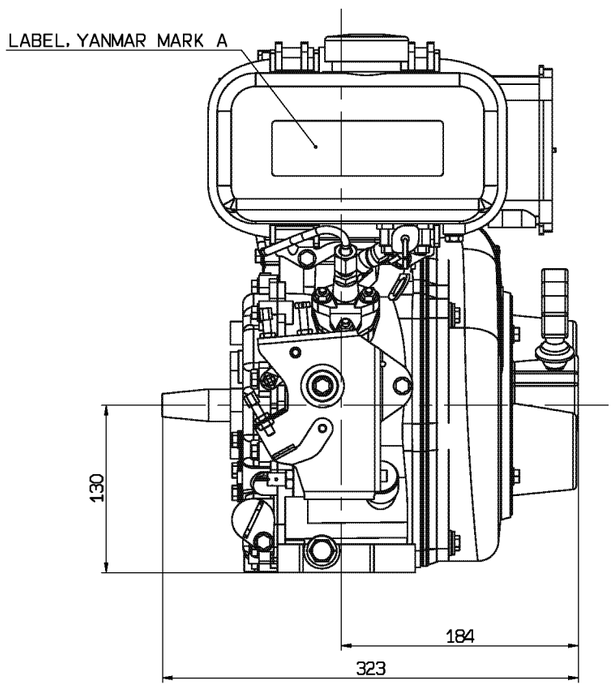


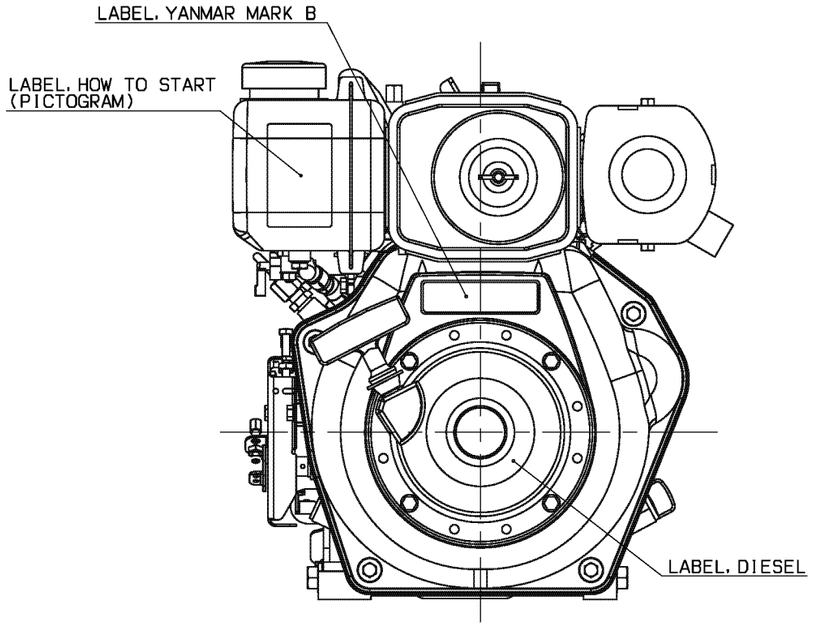


ENGINE MOUNTING PLATE AND PTO SHAFT

SEEN THROUGH FROM THE TOP OF THIS ENGINE



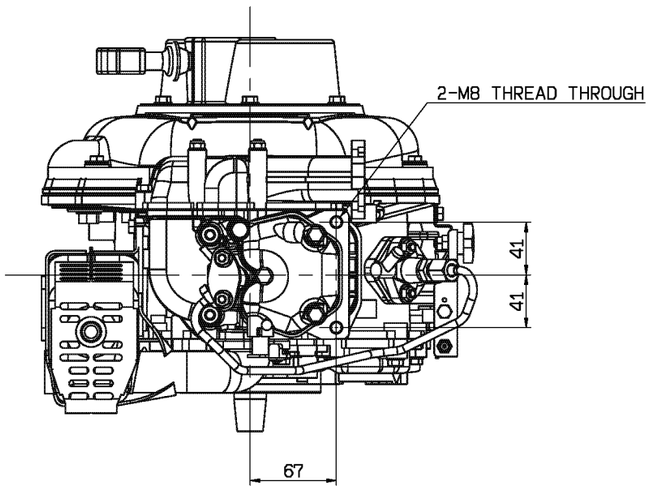


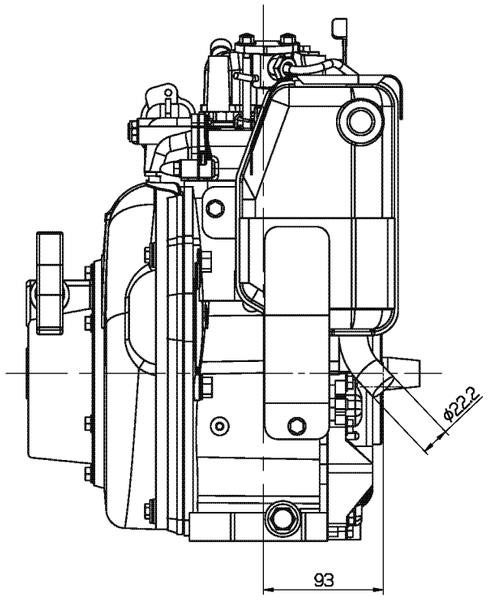


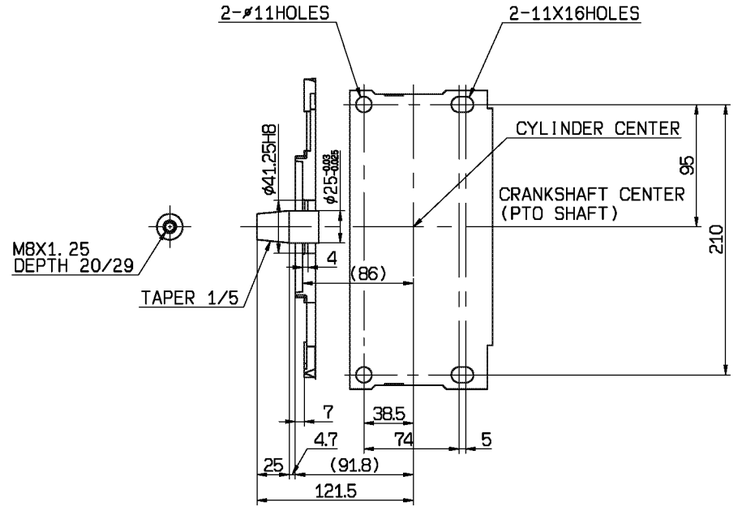
-This outline shows No.1 model

L48 Stamper

No	Base	Sales area	Model
1	L-N	Global	L48N6KF9T3ERSB
2	L-V	Euro	L48V6VKF9T6ERSB

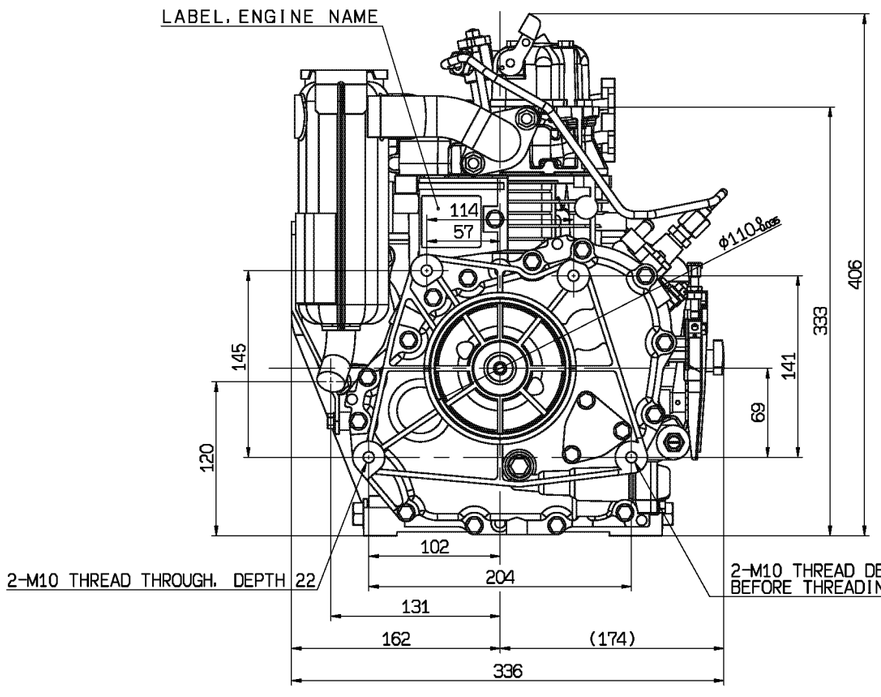


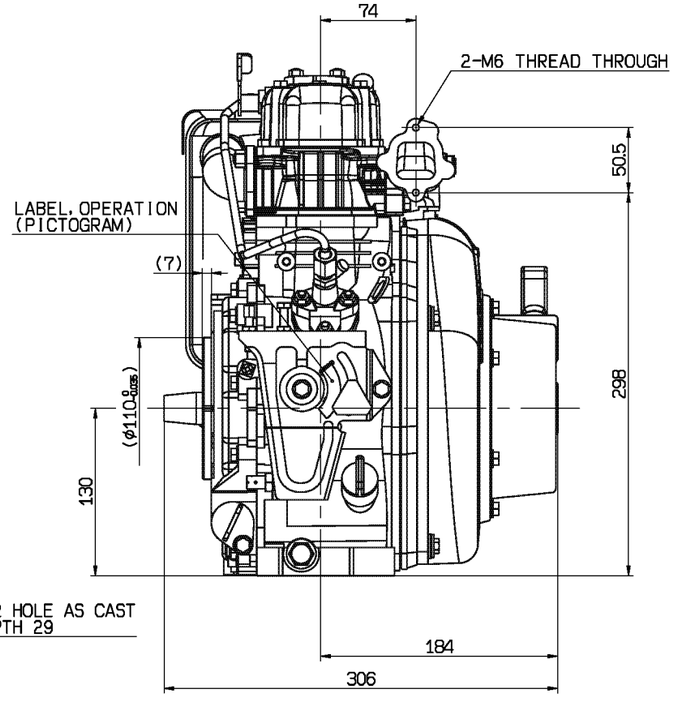


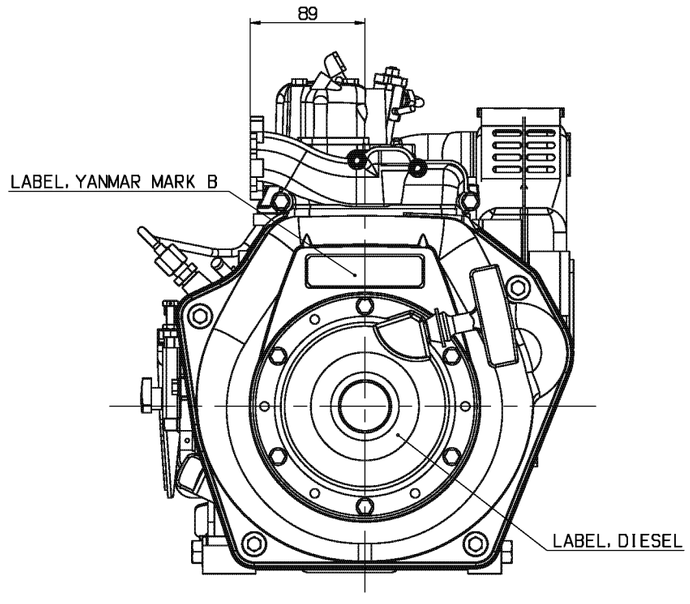


ENGINE MOUNTING PLATE AND PTO SHAFT

SEEN THROUGH FROM THE TOP OF THIS ENGINE



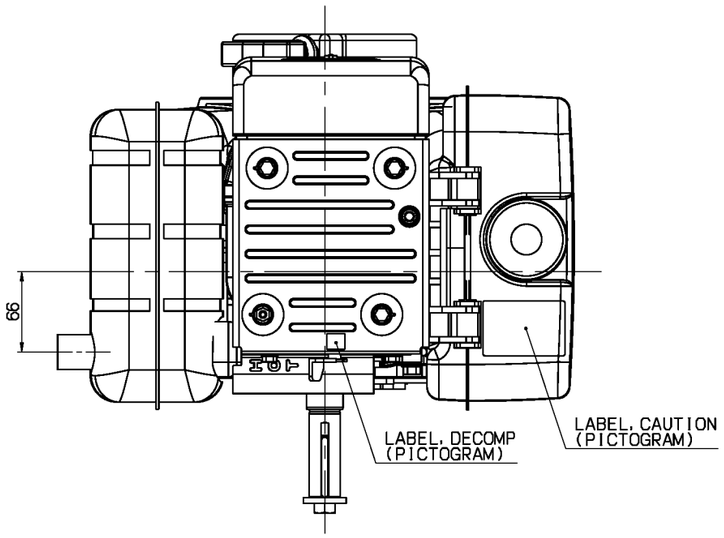


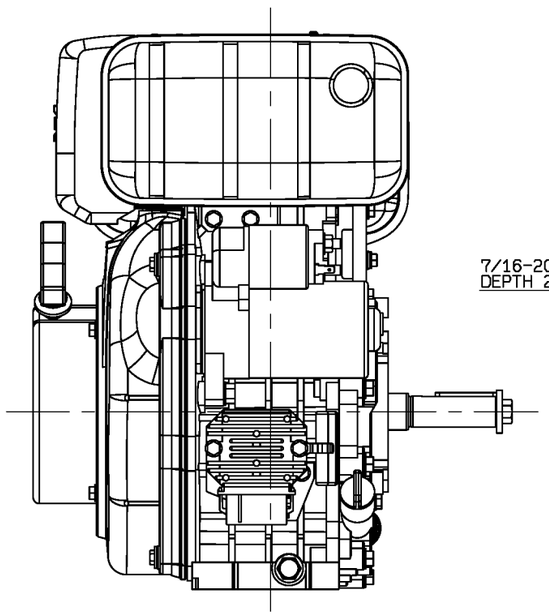


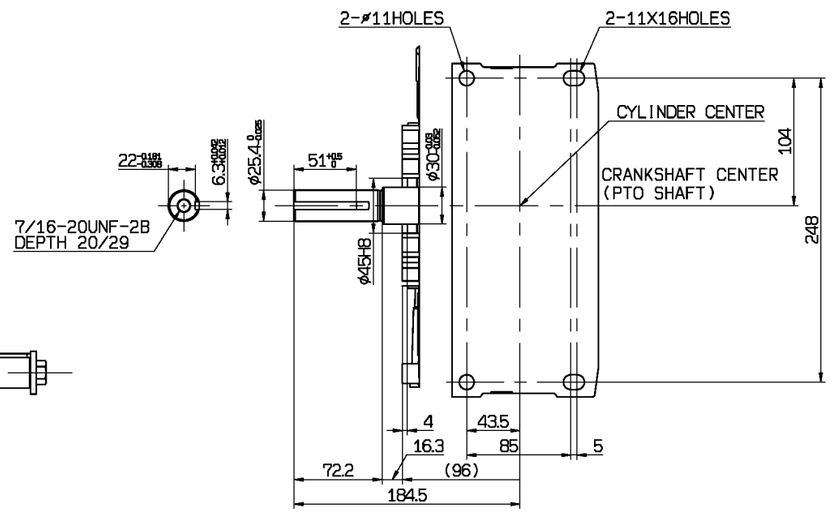
-This outline shows No.1 model
-No.2 is different from No.1 at FO limiter and muffler.

L70 General

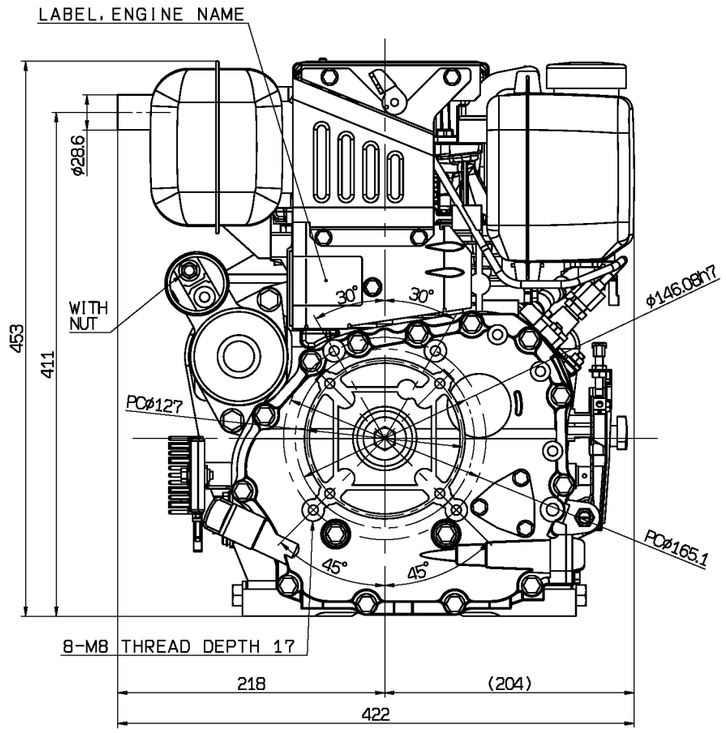
No	Base	Sales area	Model
1	L-V	Euro	L70V6CA1T1AA
		Asia	L70V6-MEYI
2	L-N	Global	L70N6CA1T1AA
3		Asia	L70N6-MEYI

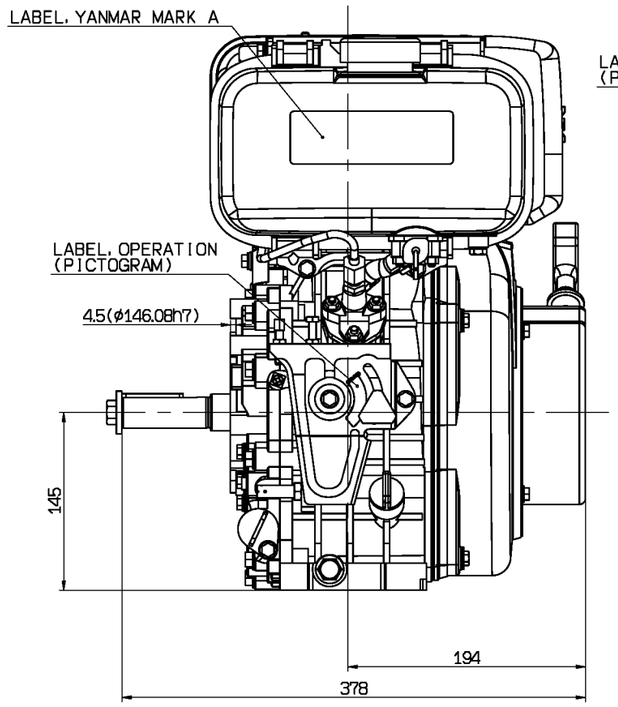


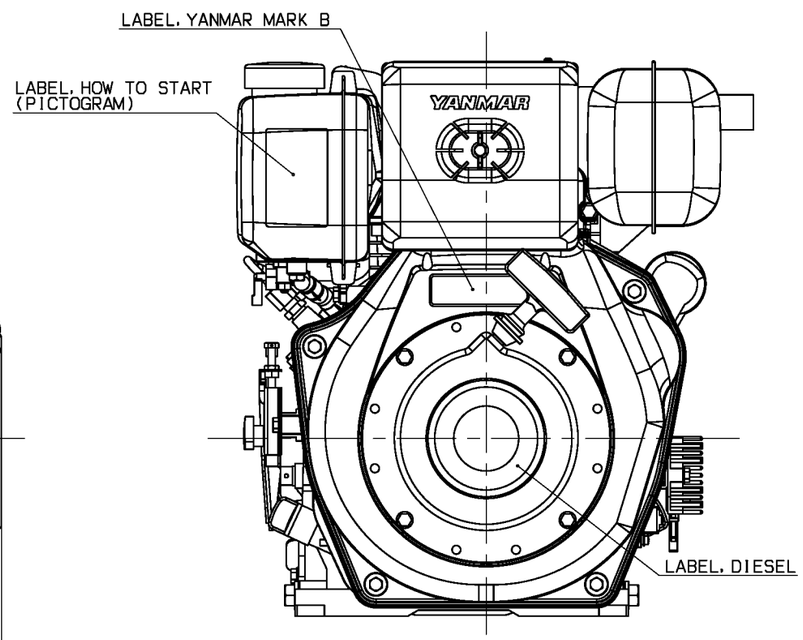




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



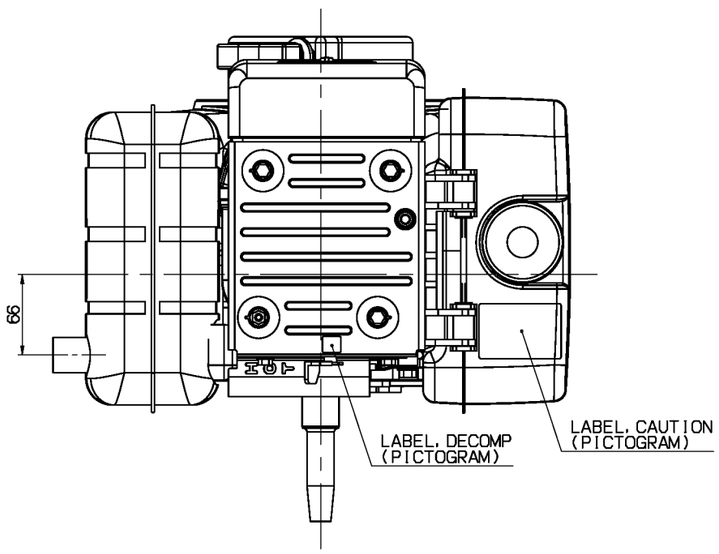


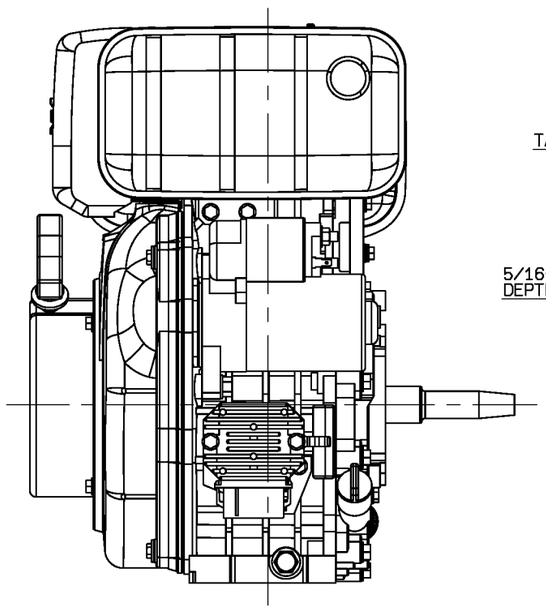


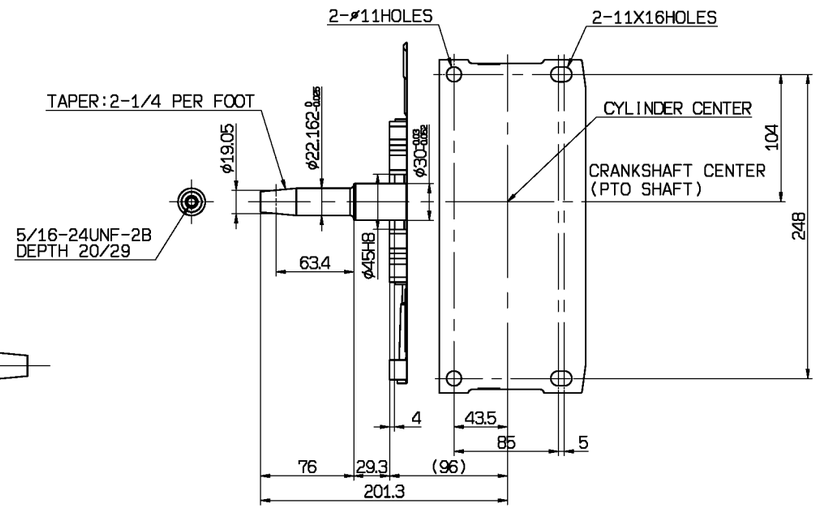
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

L70 Generator

No	Base	Sales area	Model
1	L-V	Euro	L70V5EA1C1AA
		Asia	L70V6-GEYI
2	L-N	Global	L70N5EA1C1AA
3		Asia	L70N5-GEYI

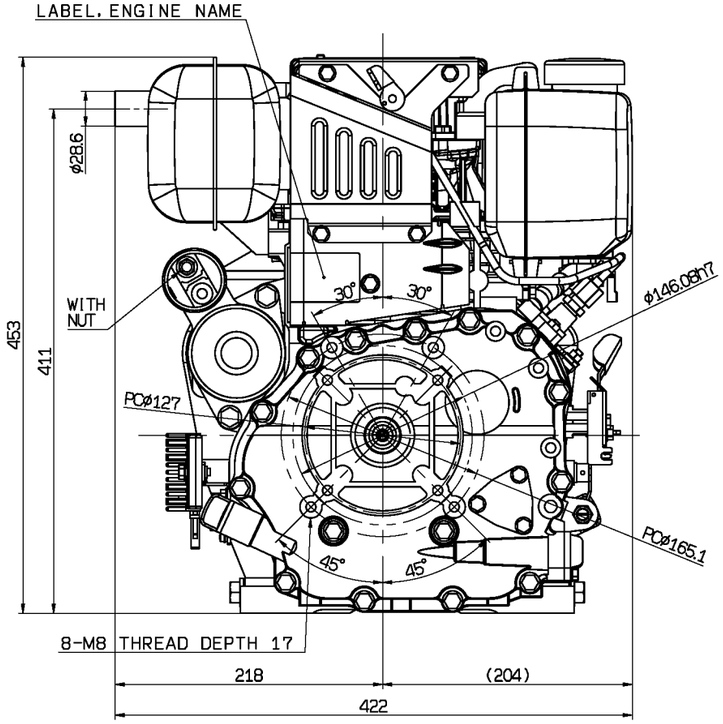


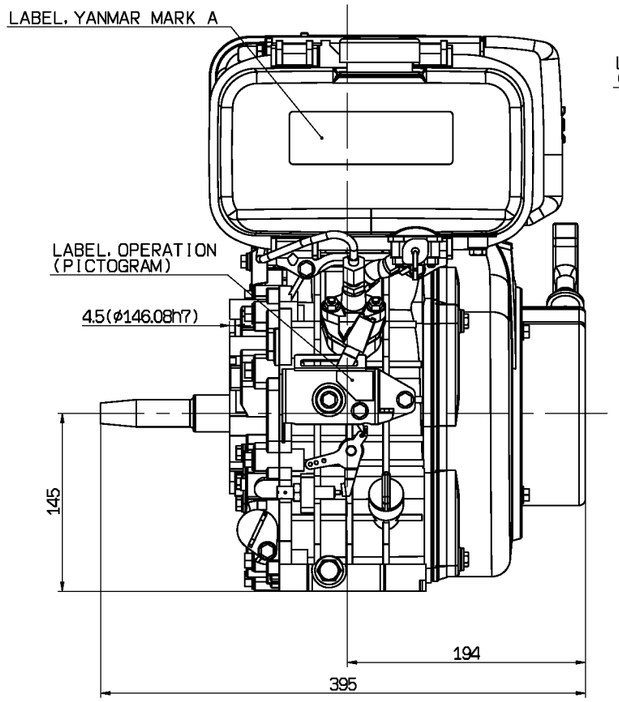


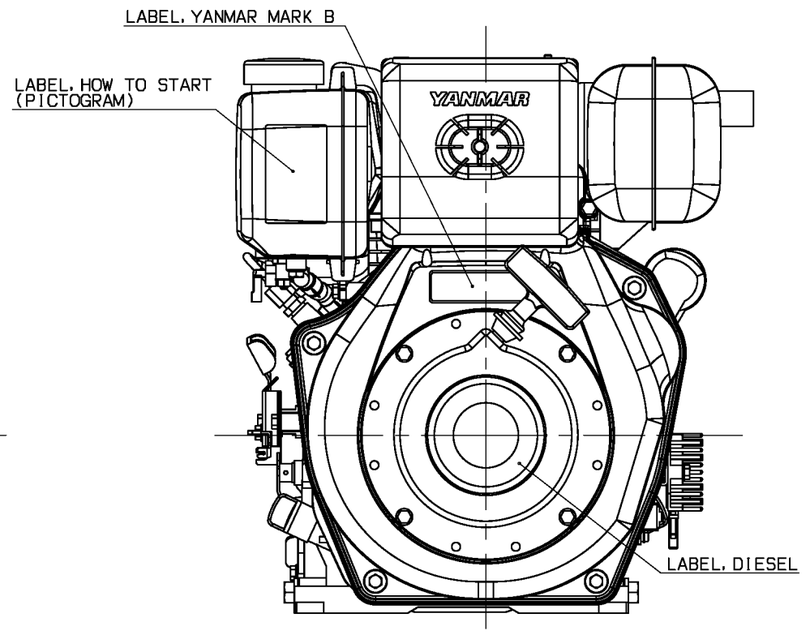


ENGINE MOUNTING PLATE AND PTO SHAFT

SEEN THROUGH FROM THE TOP OF THIS ENGINE



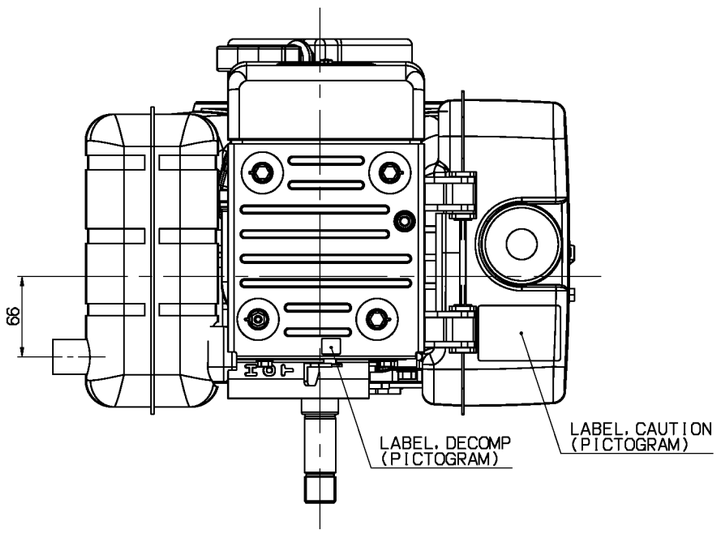


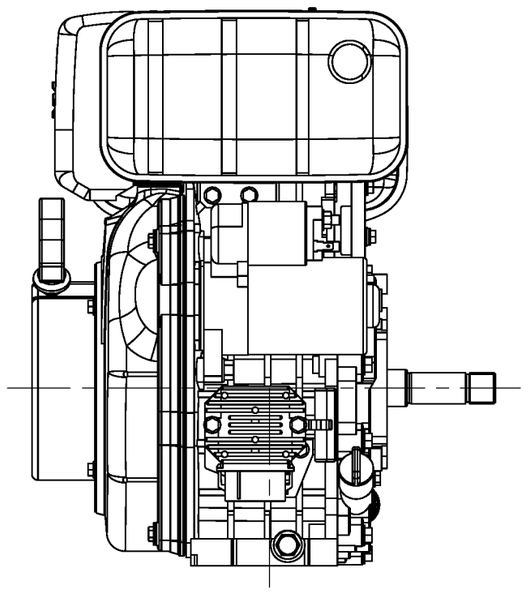


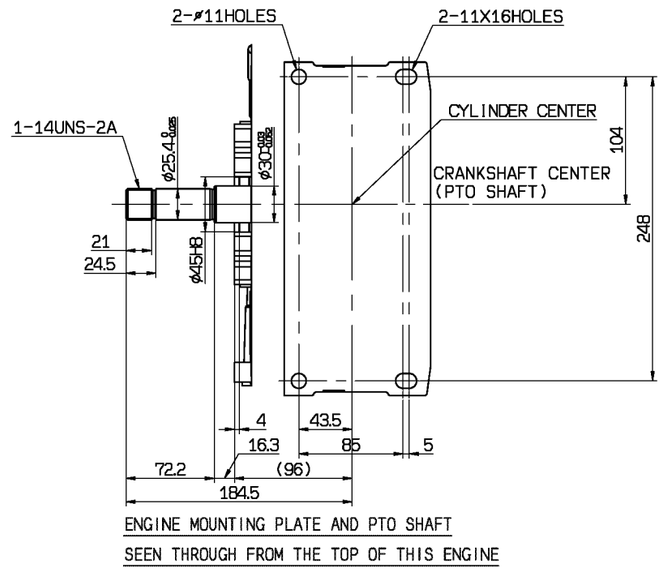
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

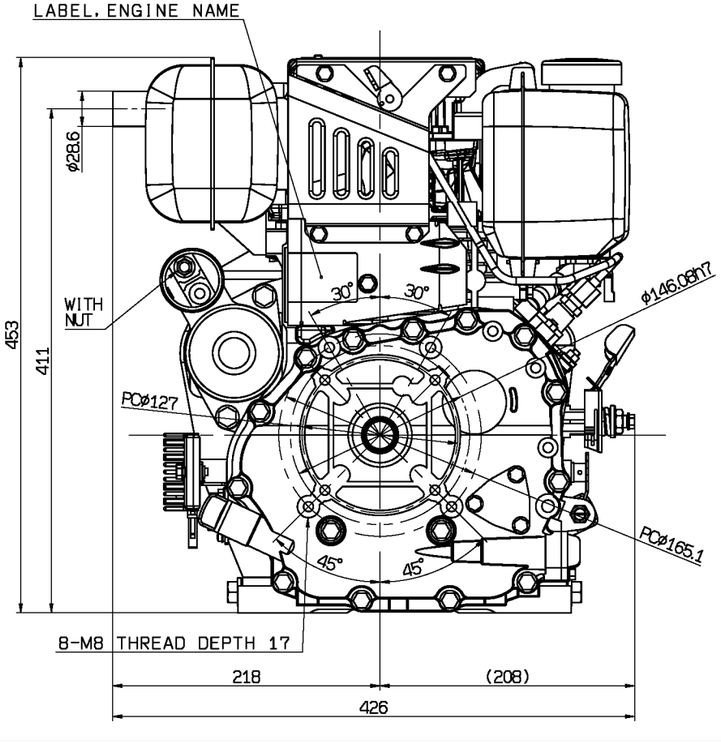
L70 Pump

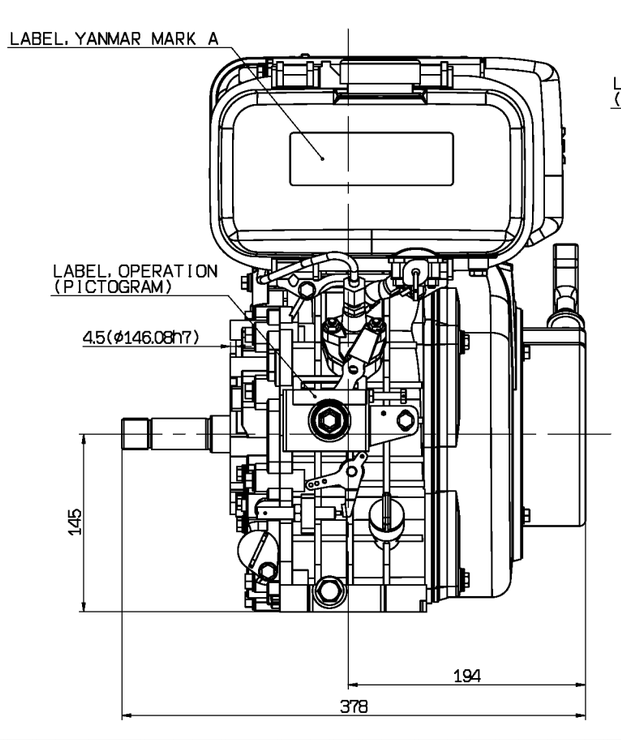
No	Base	Sales area	Model
1	L-V	Euro	L70V6DA1F1AA
		Asia	L70V6-PEYI
2	L-N	Global	L70N6DA1F1AA
3		Asia	L70N6-PEYI

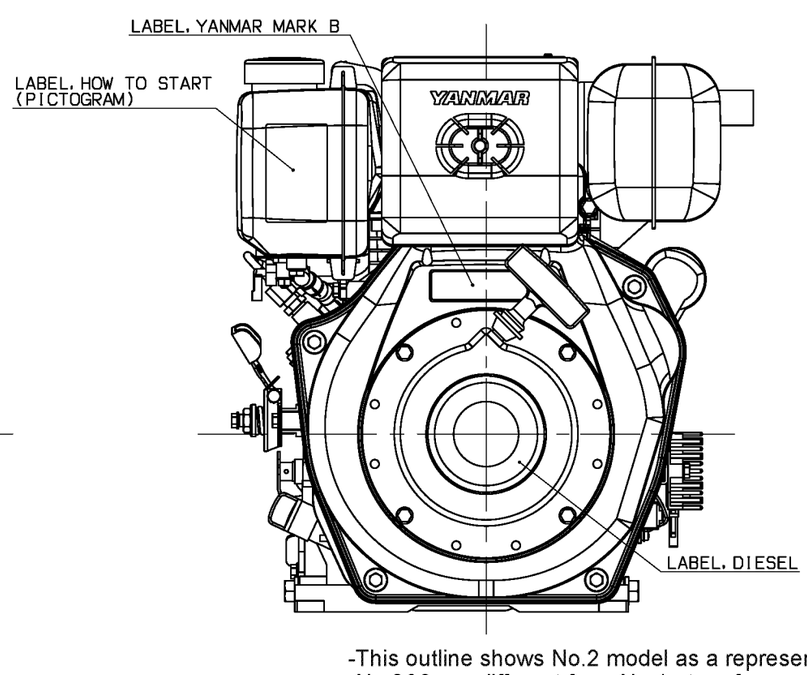








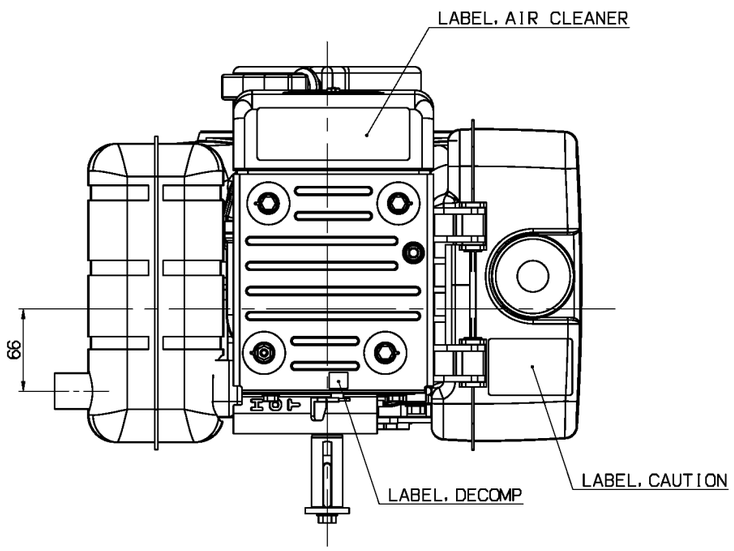


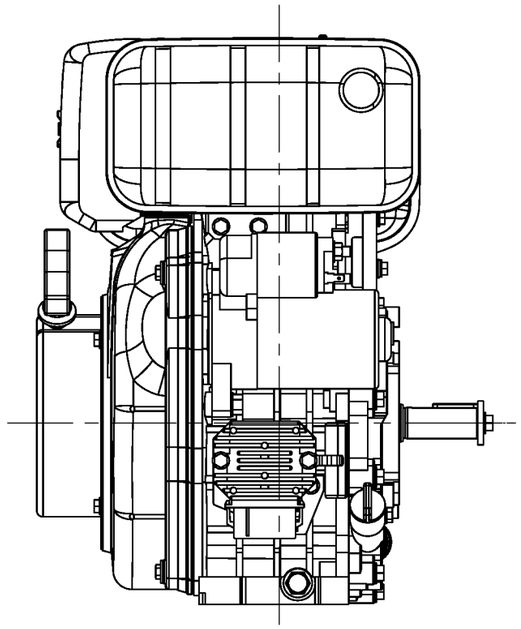


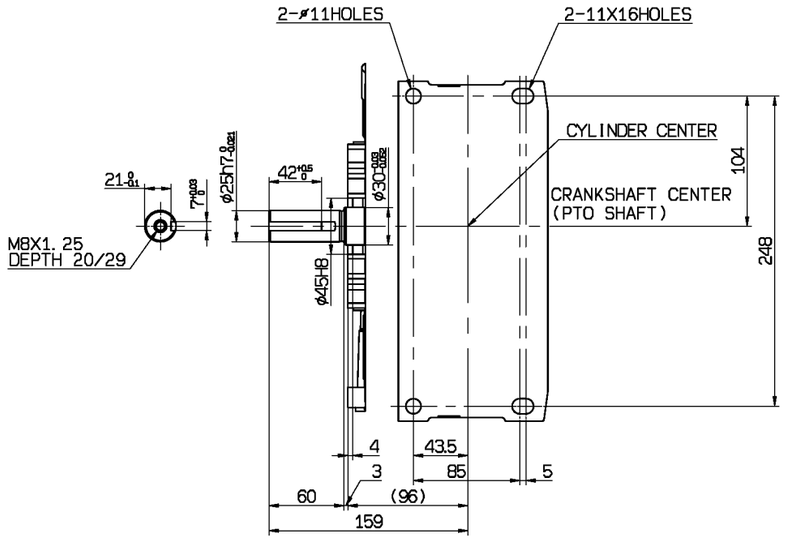
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

L70 V-machine

No	Base	Sales area	Model
1	L-V	Euro	L70V6AA1R1AA
		Asia	L70V6-VEYI

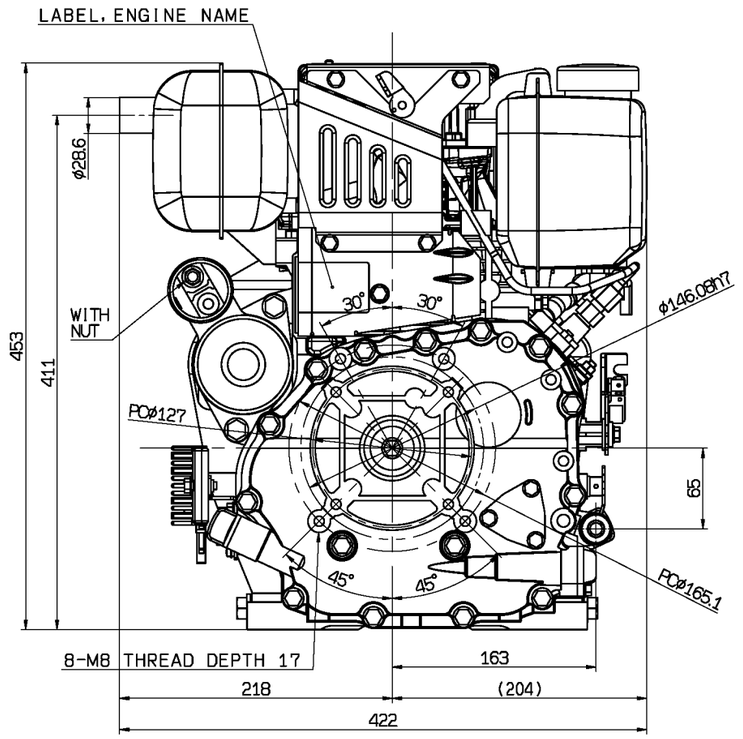


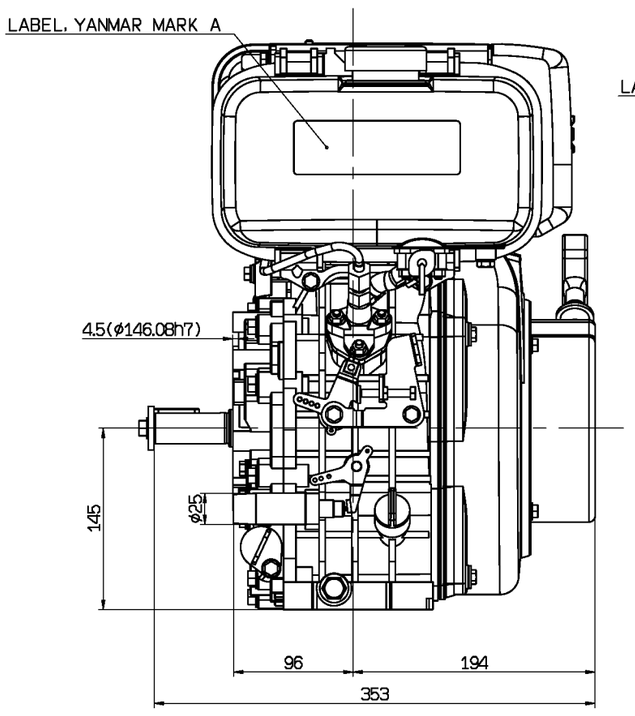


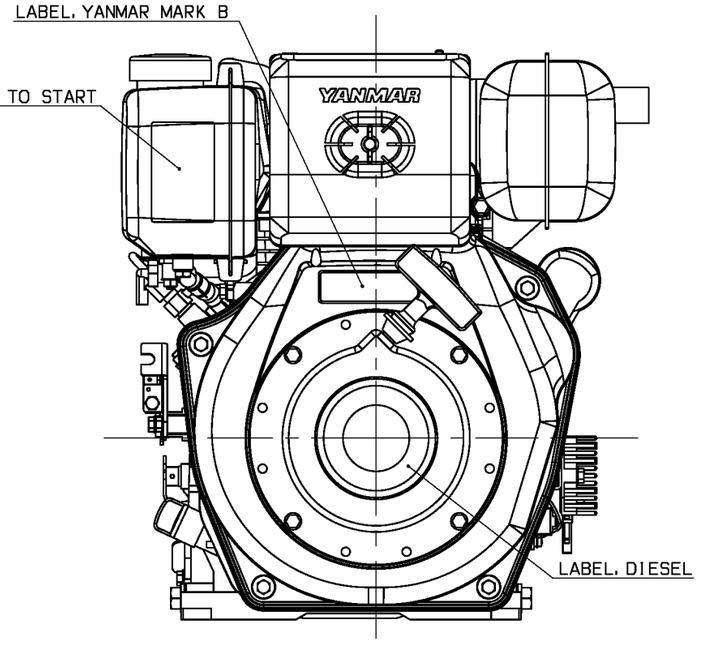


ENGINE MOUNTING PLATE AND PTO SHAFT

SEEN THROUGH FROM THE TOP OF THIS ENGINE



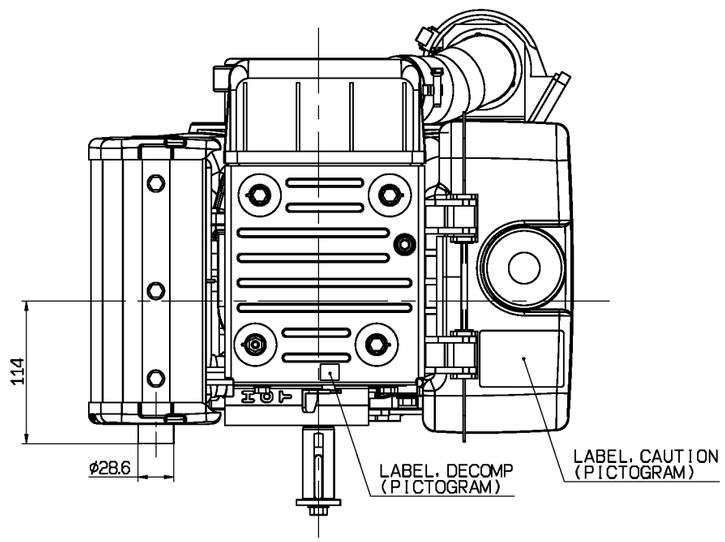


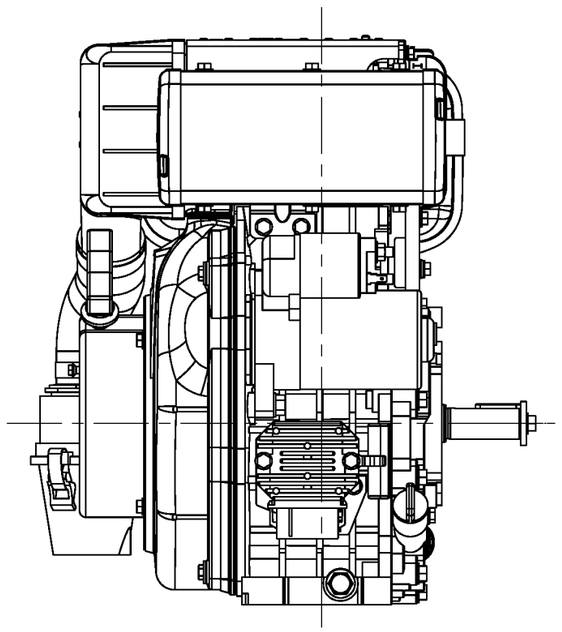


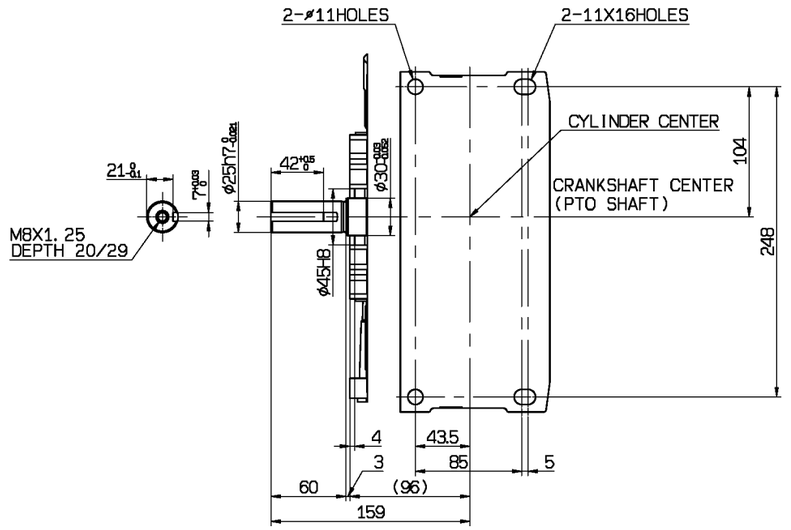
-This outline shows No.1 model

L70 V-machine

No	Base	Sales area	Model
1	L-N	Global	L70N6AJ8R2AAPC







ENGINE MOUNTING PLATE AND PTO SHAFT

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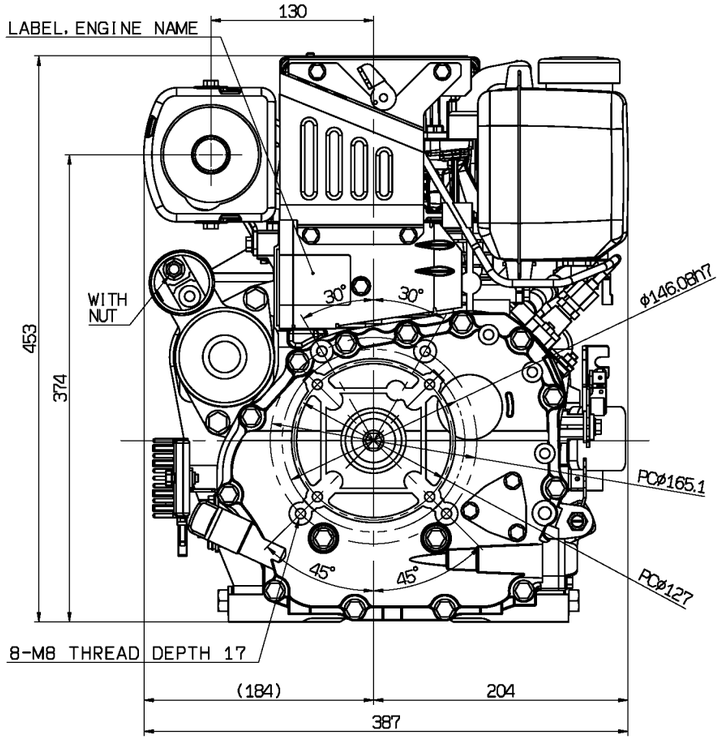
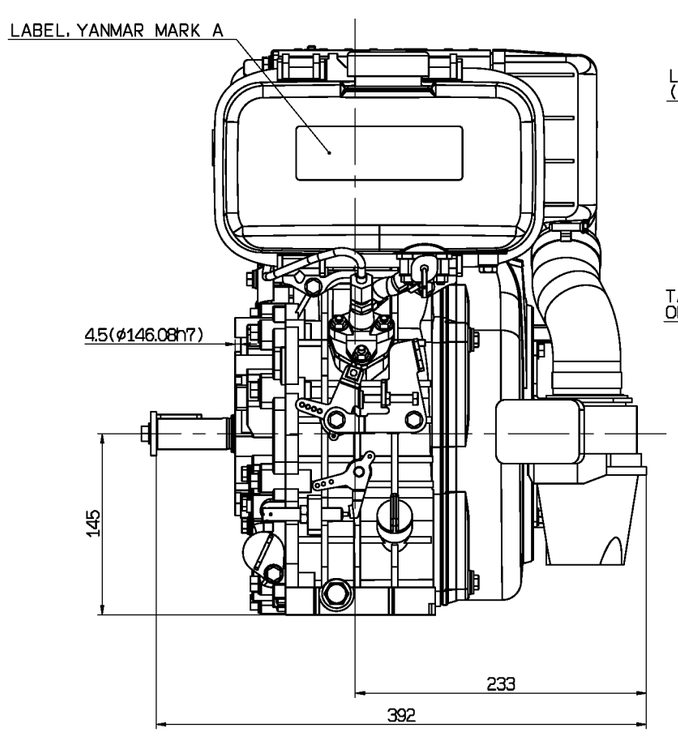
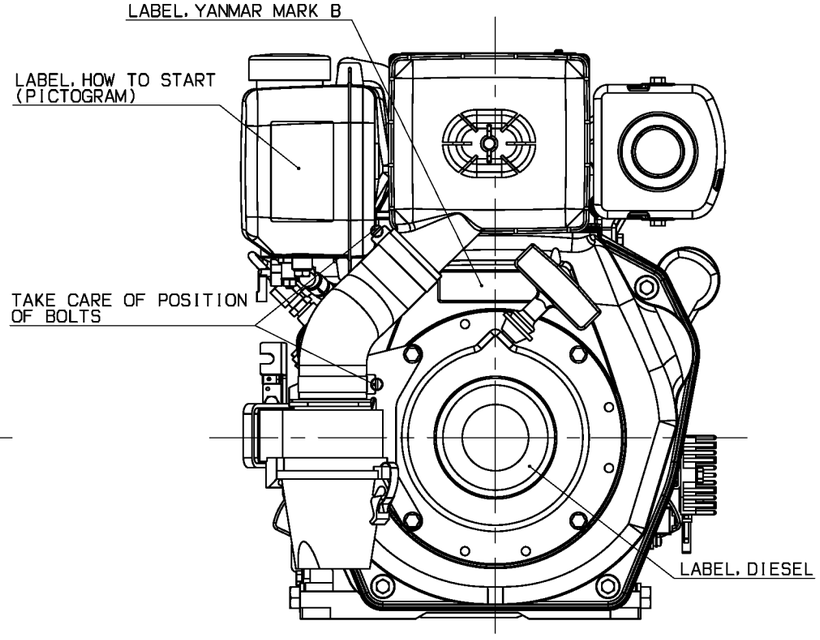


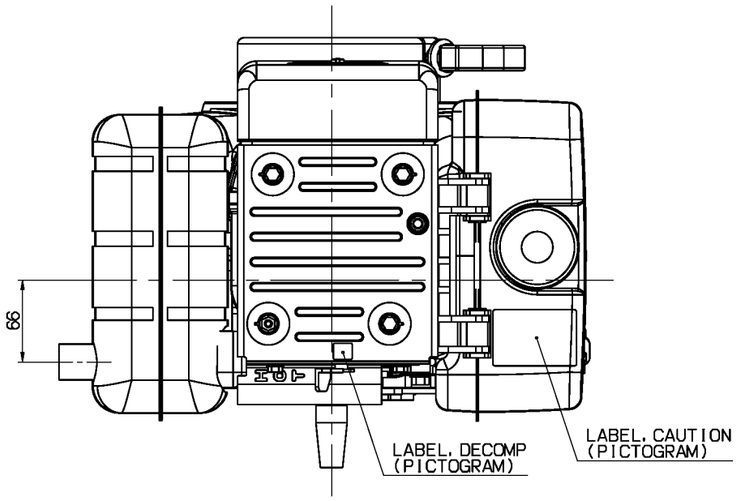


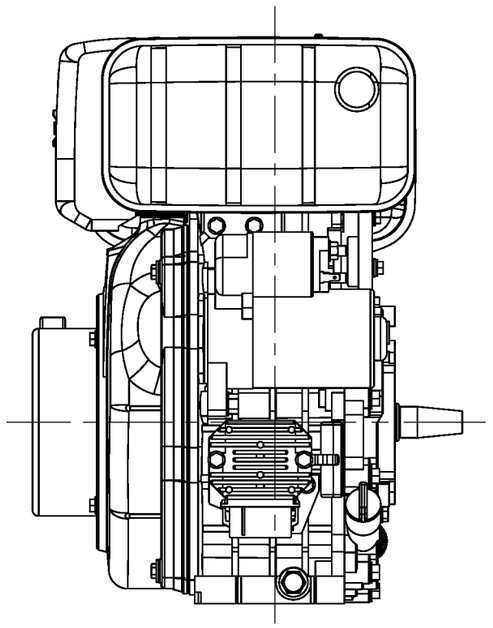


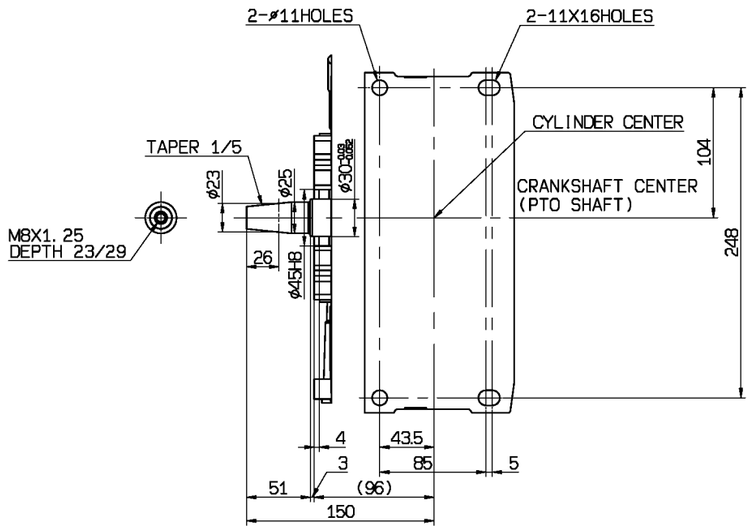
-This outline shows No.1 model

L70 Tiller

No	Base	Sales area	Model
1	L-N	Global	L70N6FJ1P1AA







ENGINE MOUNTING PLATE AND PTO SHAFT

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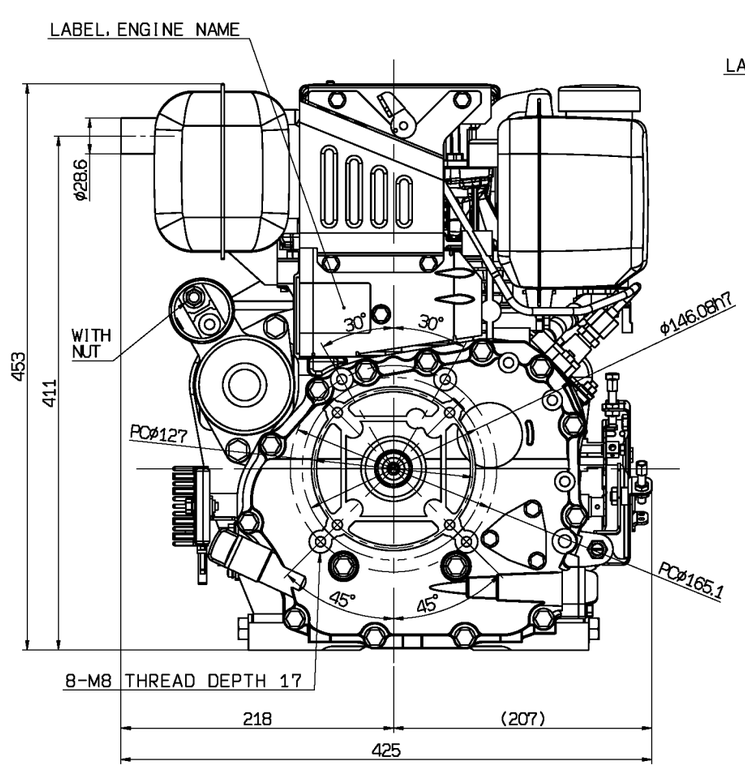
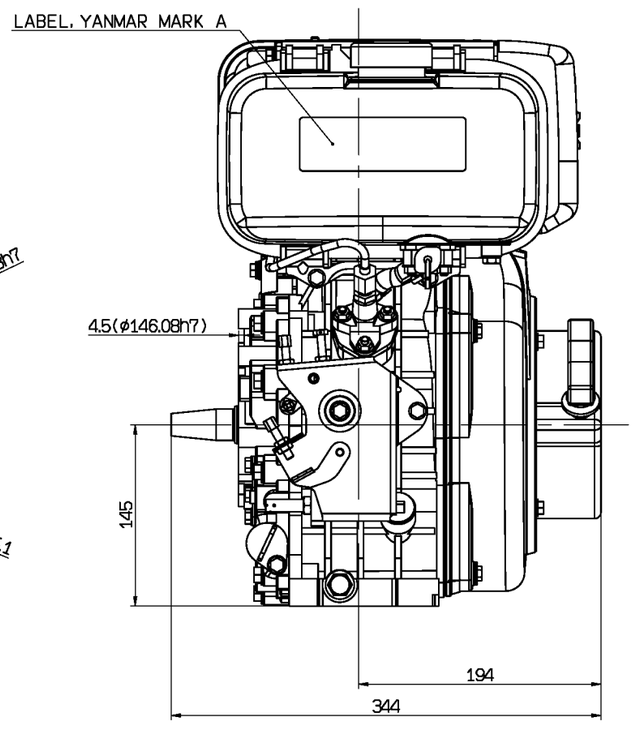
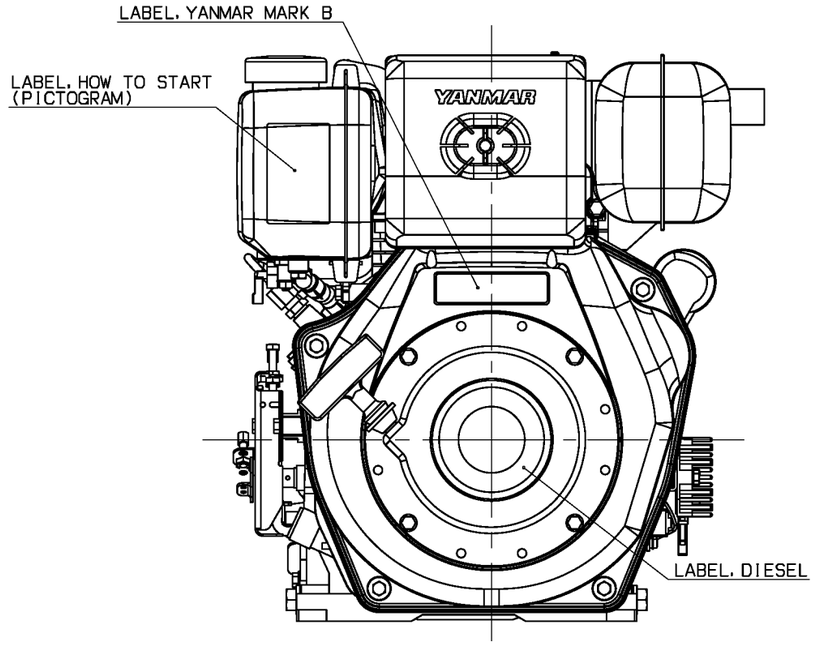


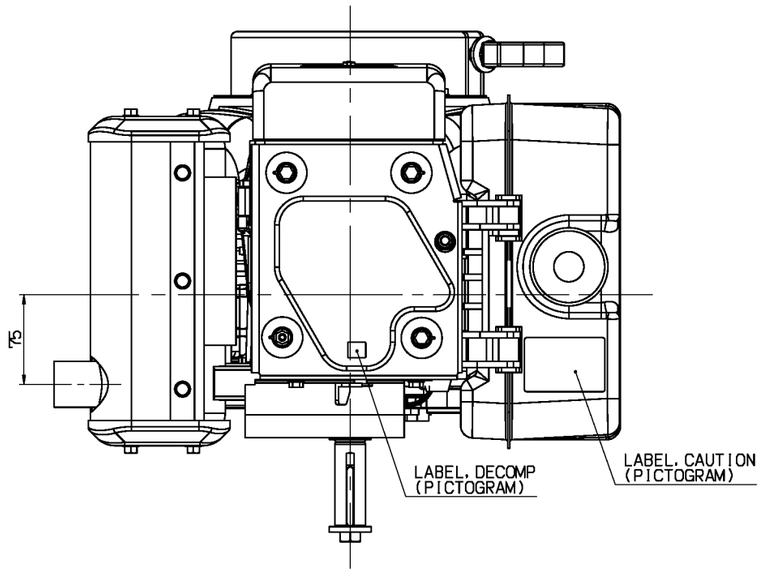


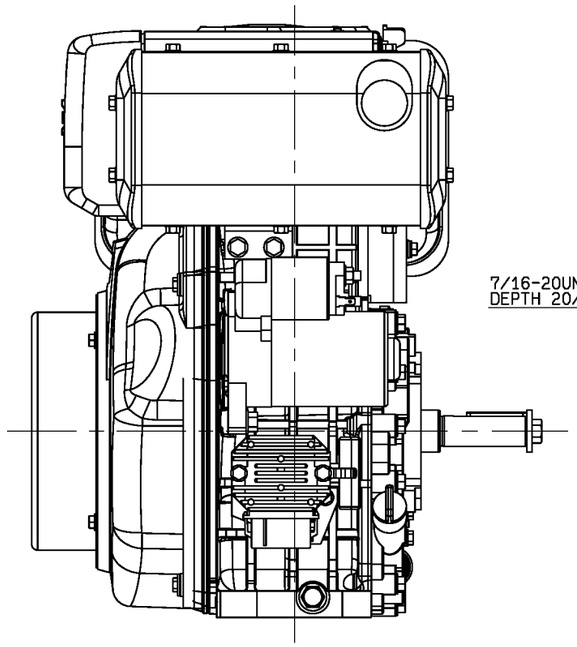


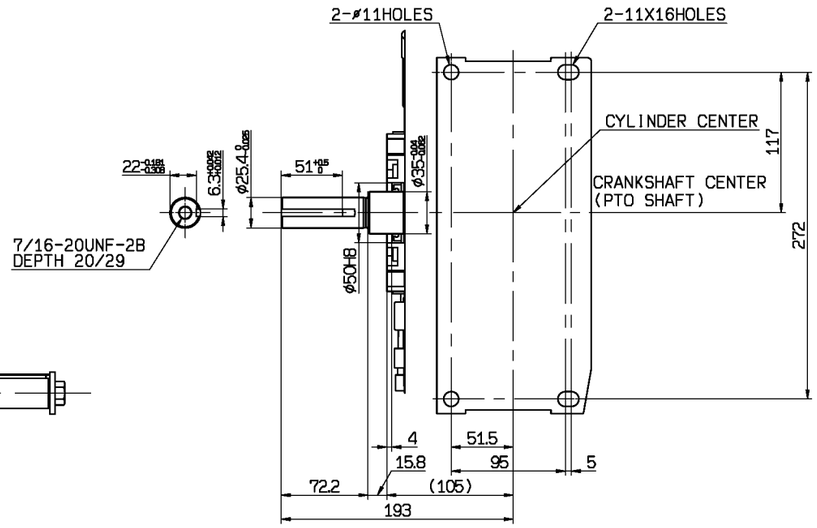
-This outline shows No.1 model

L100 General

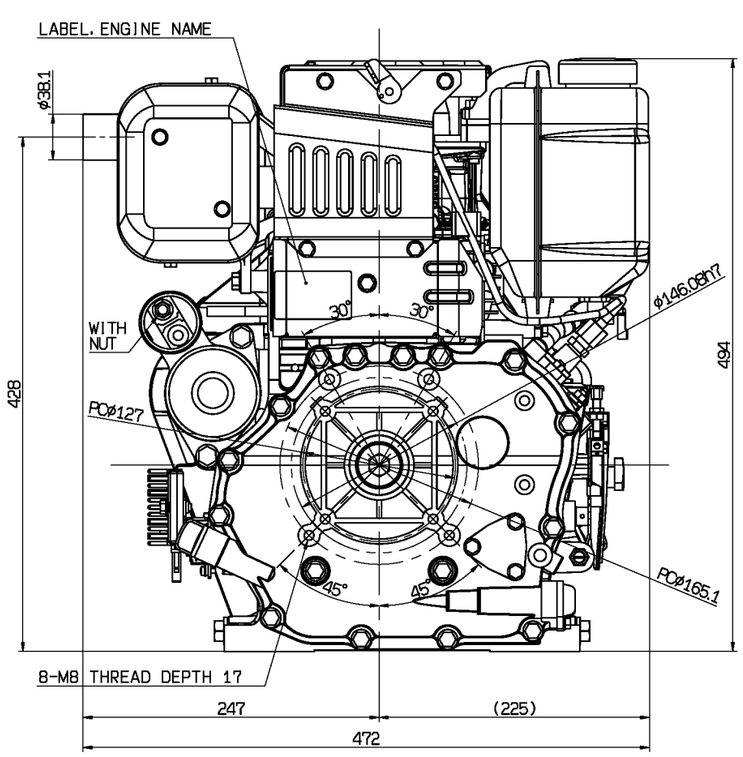
No	Base	Sales area	Model
1	L-V	Euro	L100V6CA1T1AA
		Asia	L100V6-MEYI
2	L-N	Global	L100N6CA1T1AA
3		Asia	L100N6-MEYI

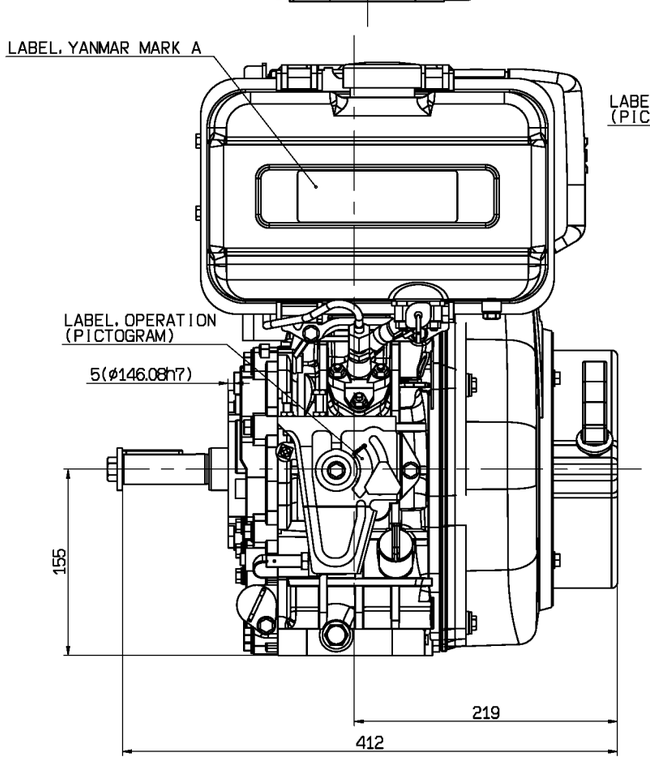


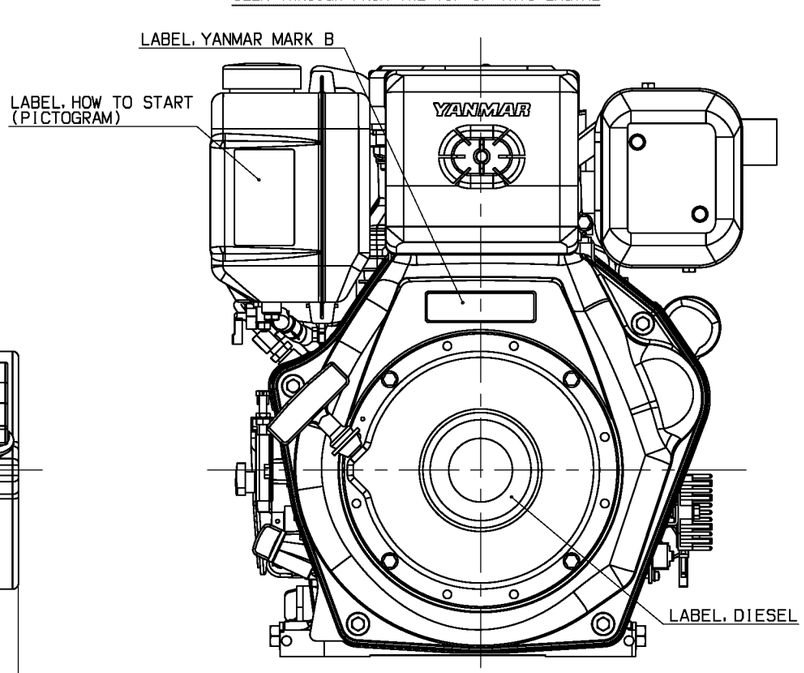




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



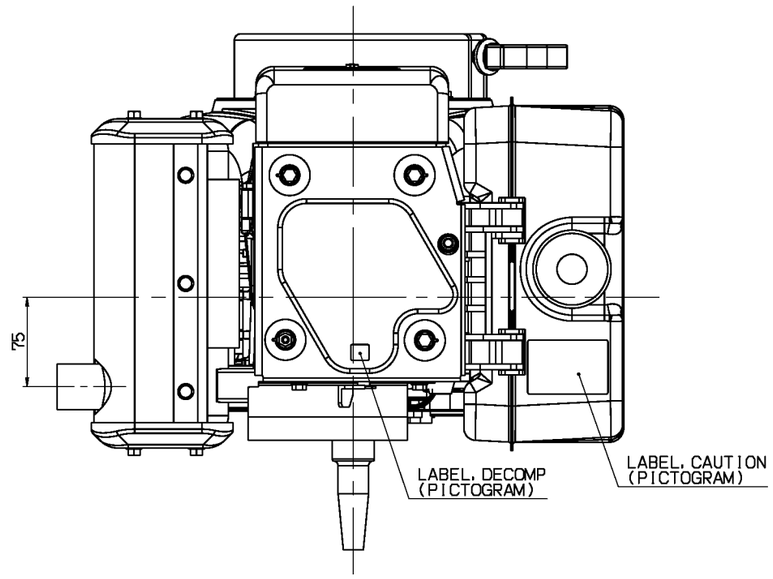


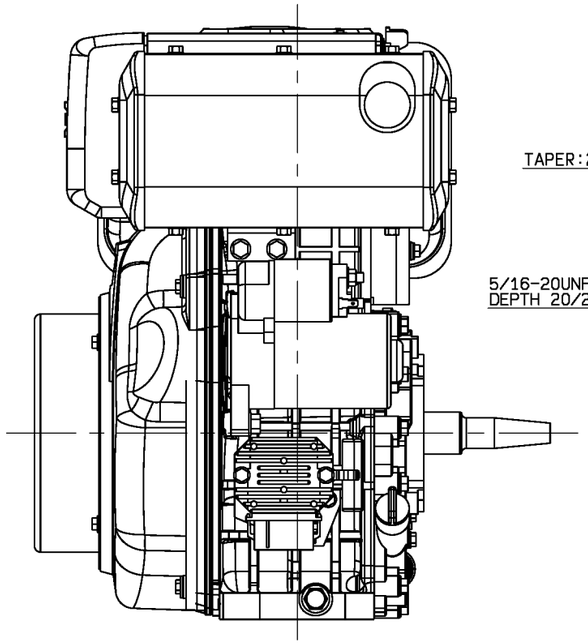


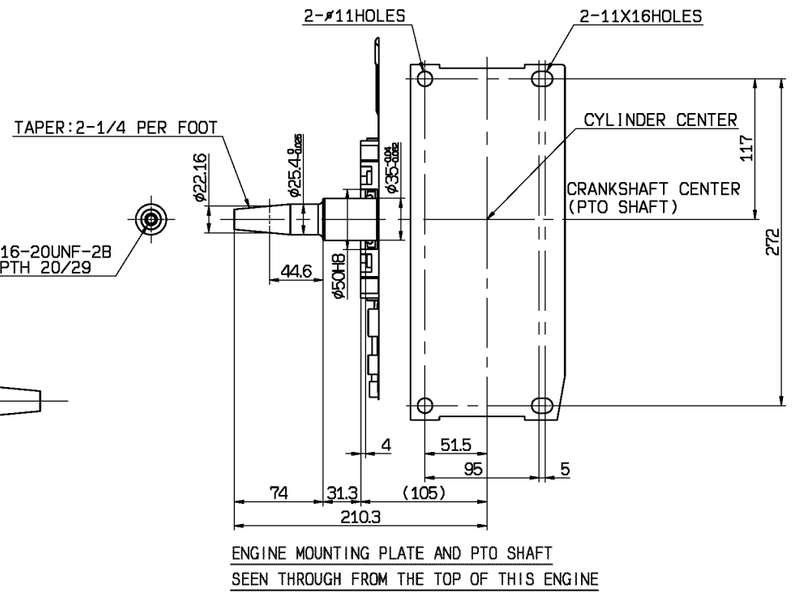
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

L100 Generator

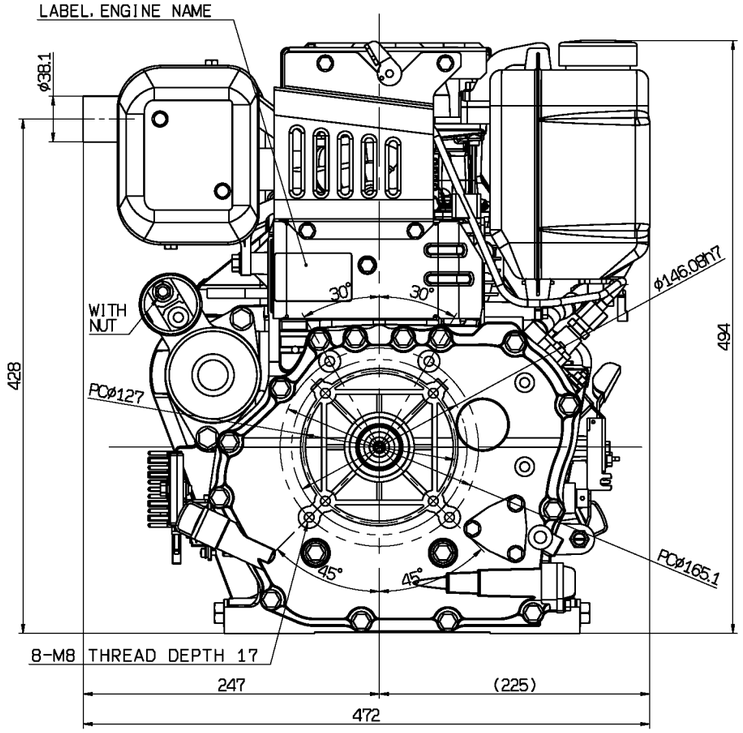
No	Base	Sales area	Model
1	L-V	Euro	L100V6EA1C1AA
		Asia	L100V6-GEYI
2	L-N	Global	L100N5EA1C1AA
3		Asia	L100N5-GEYI

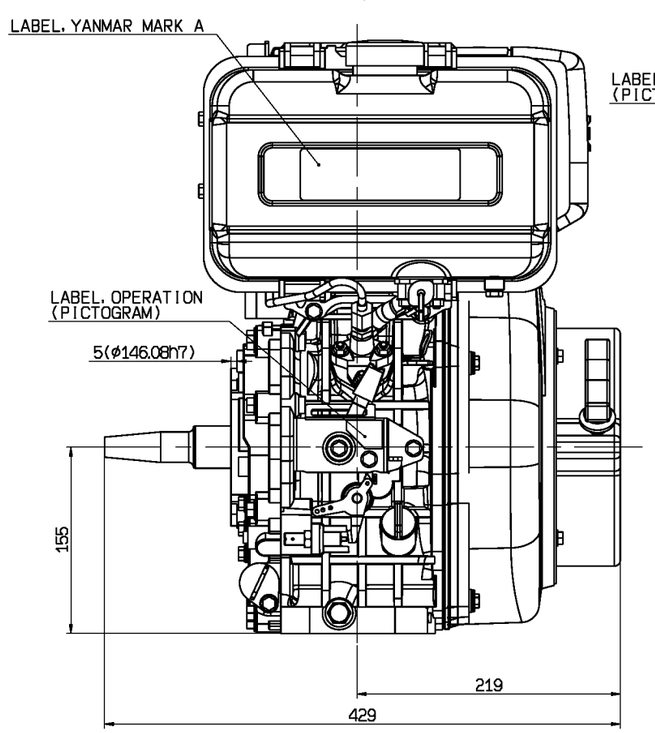


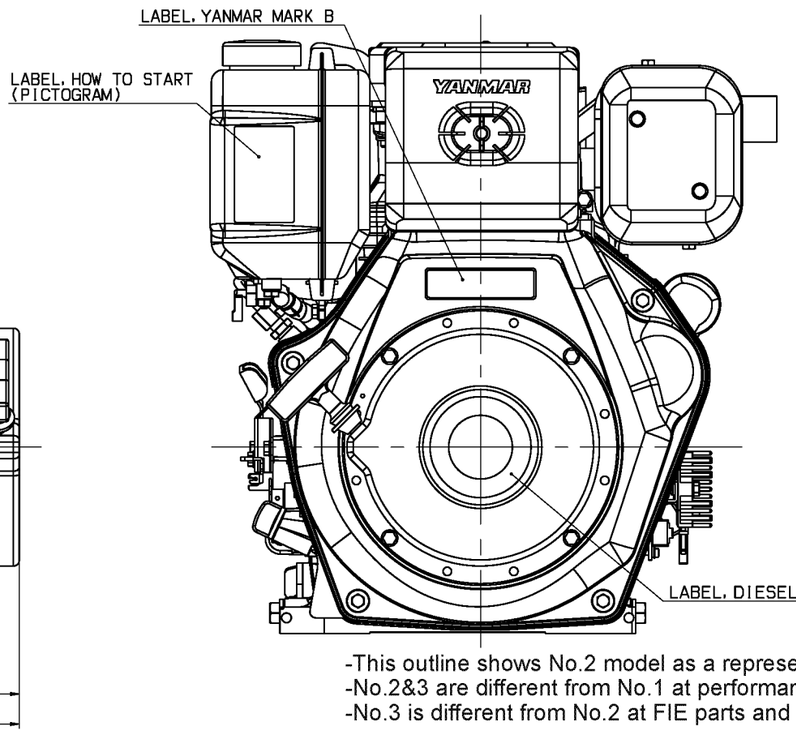




ENGINE MOUNTING PLATE AND PTO SHAFT SEEN THROUGH FROM THE TOP OF THIS ENGINE



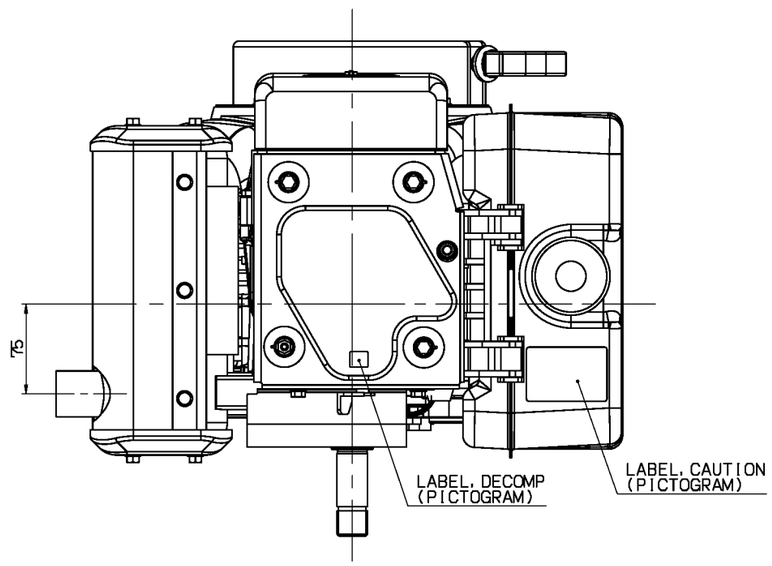


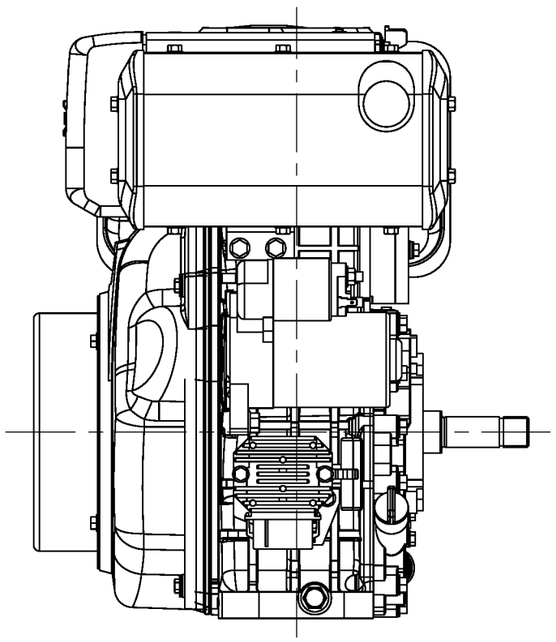


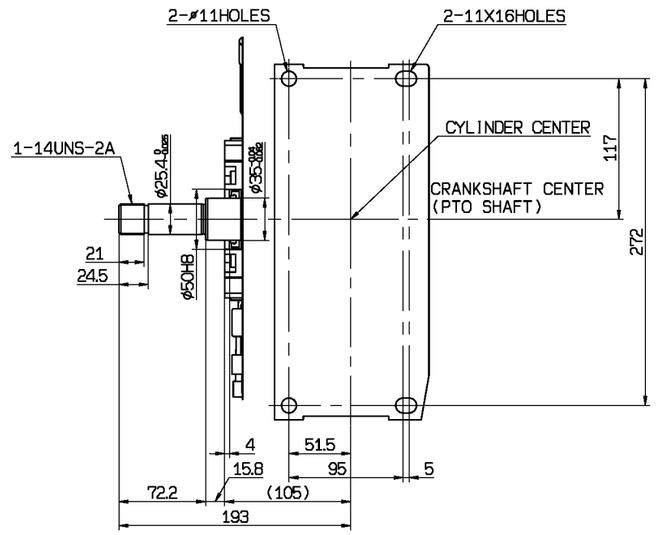
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

L100 Pump

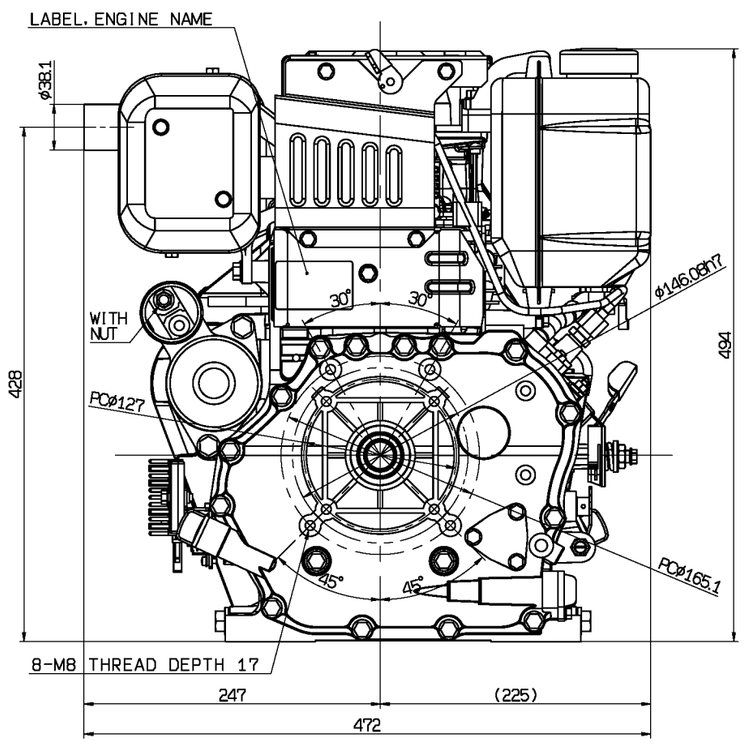
No	Base	Sales area	Model
1	L-V	Euro	L100V6DA1F1AA
		Asia	L100V6-PEYI
2	L-N	Global	L100N6DA1F1AA
3		Asia	L100N6-PEYI

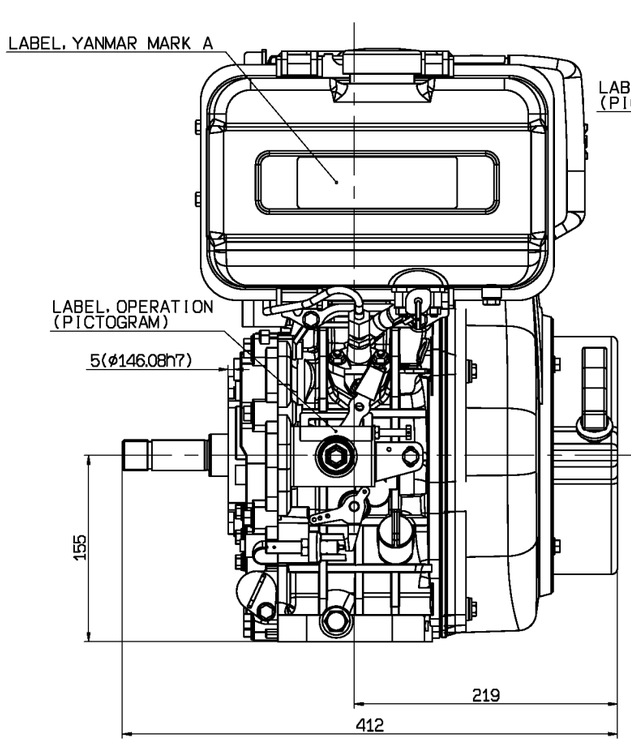


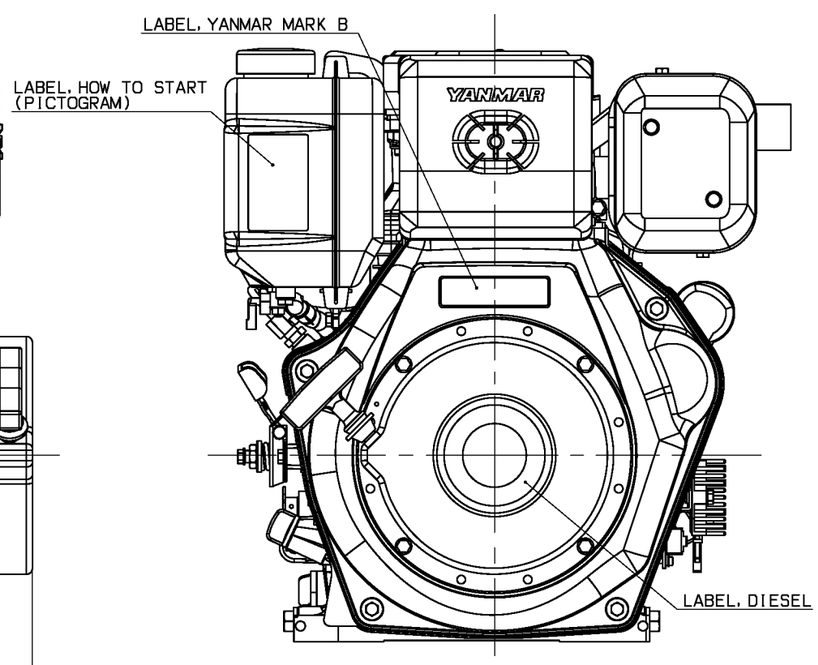




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



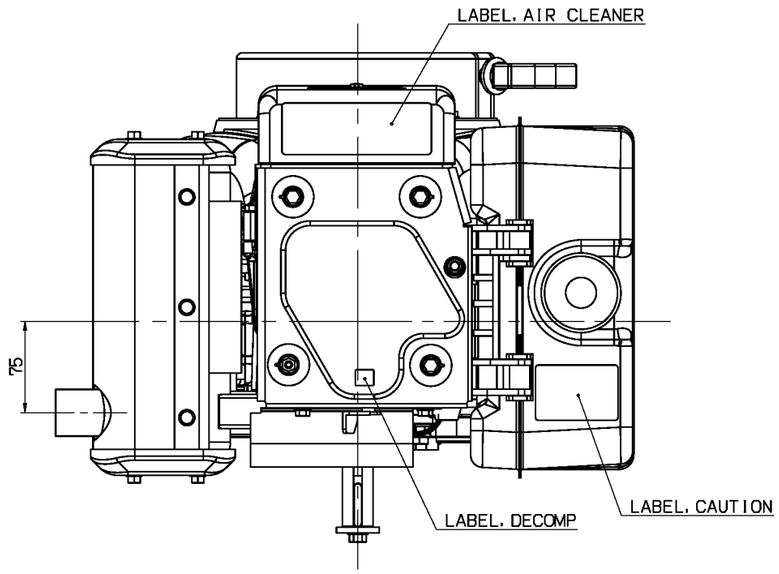


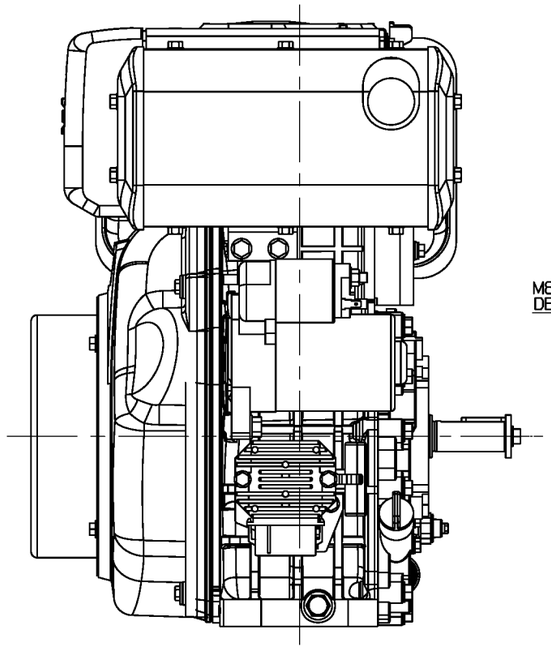


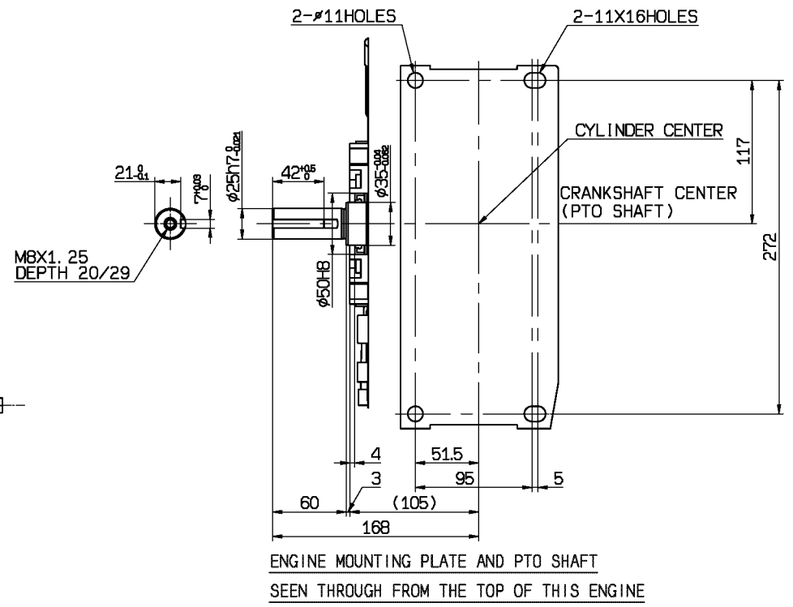
-This outline shows No.2 model as a representative
-No.2&3 are different from No.1 at performance.
-No.3 is different from No.2 at FIE parts and FO tank gauge.

L100 V-machine

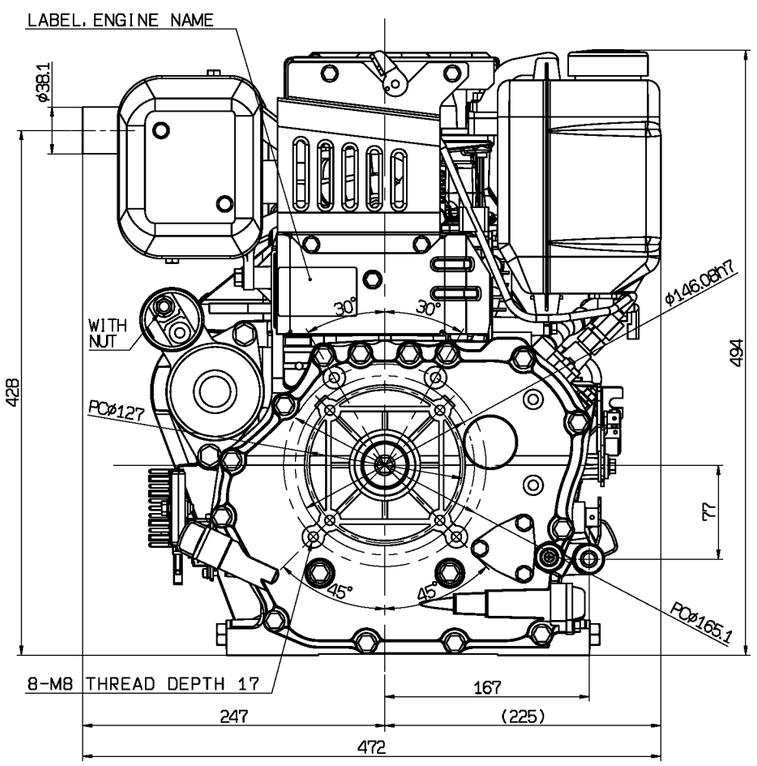
No	Base	Sales area	Model
1	L-V	Euro	L100V6AA1R1AAS1
		Asia	L100V6-VEYI

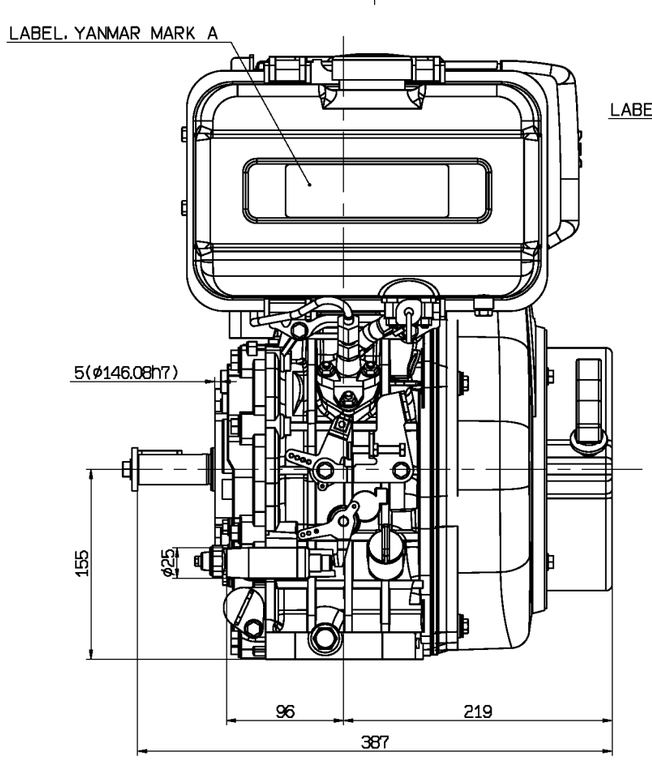


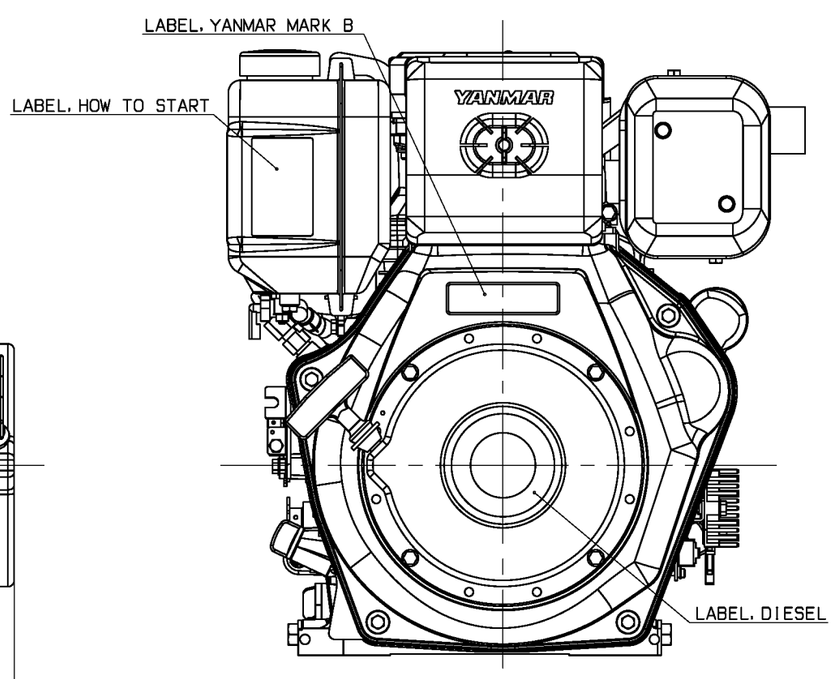




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



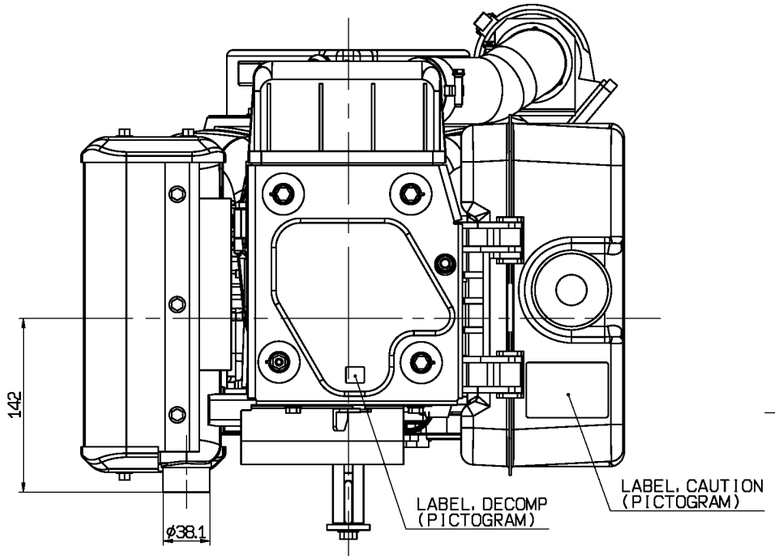


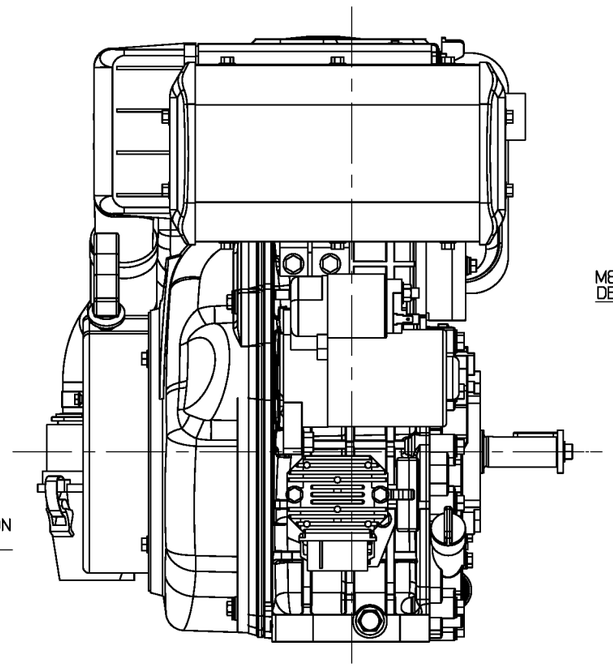


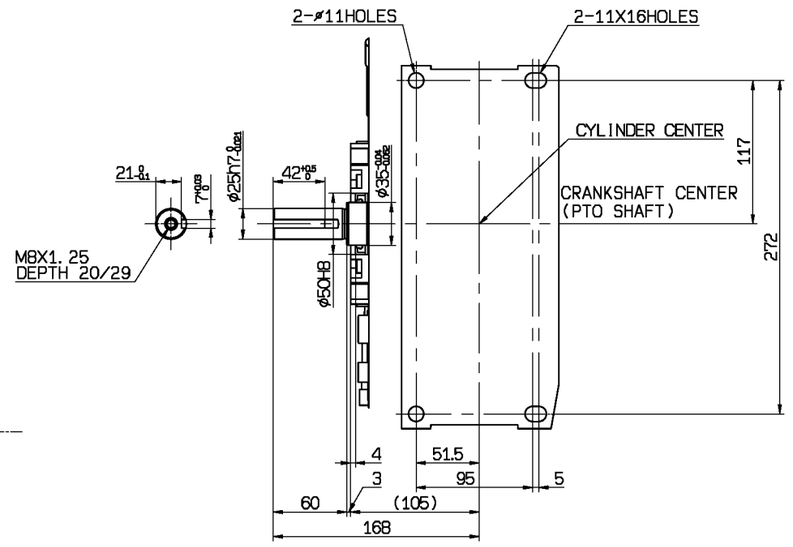
-This outline shows No.1 model

L100 V-machine

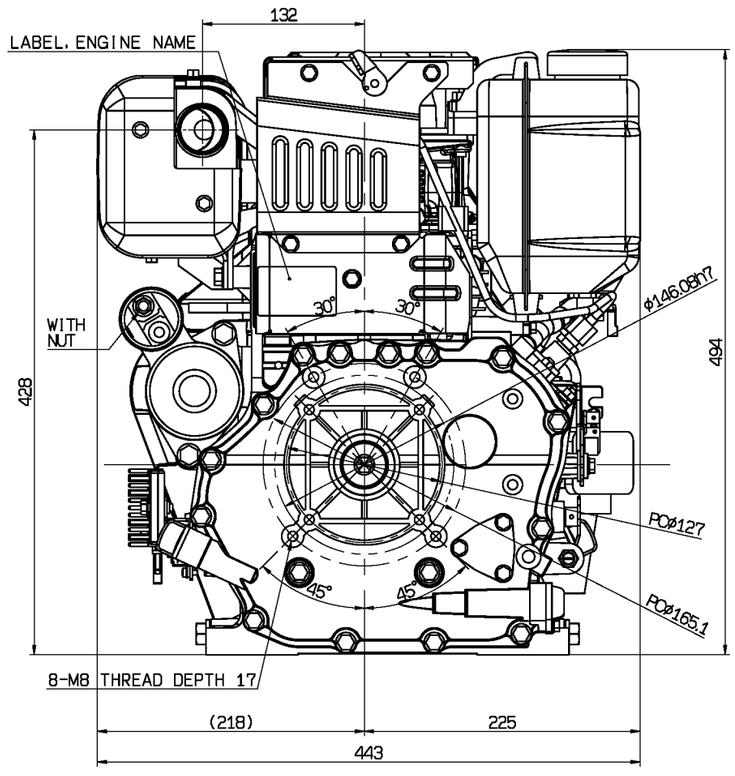
No	Base	Sales area	Model
1	L-N	Global	L100N6AJ8R2AAPC

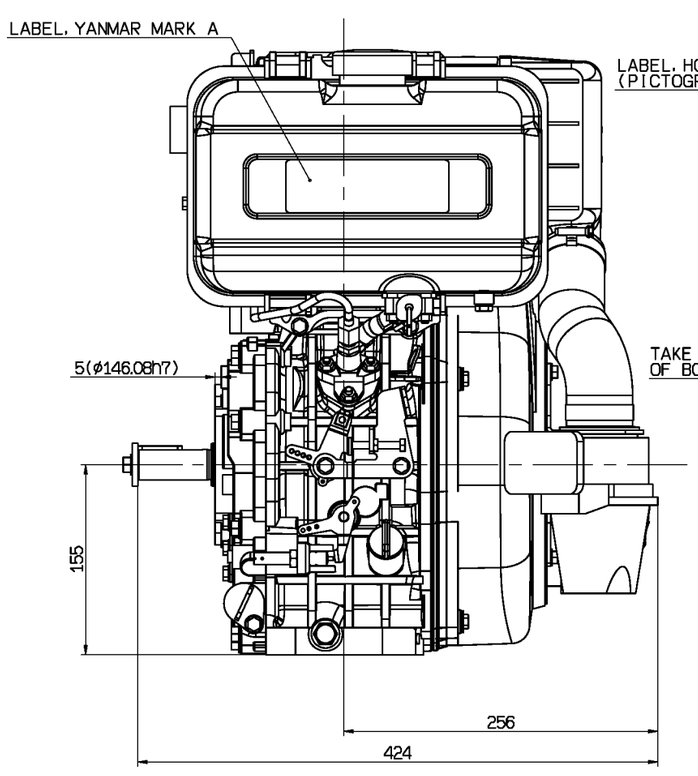


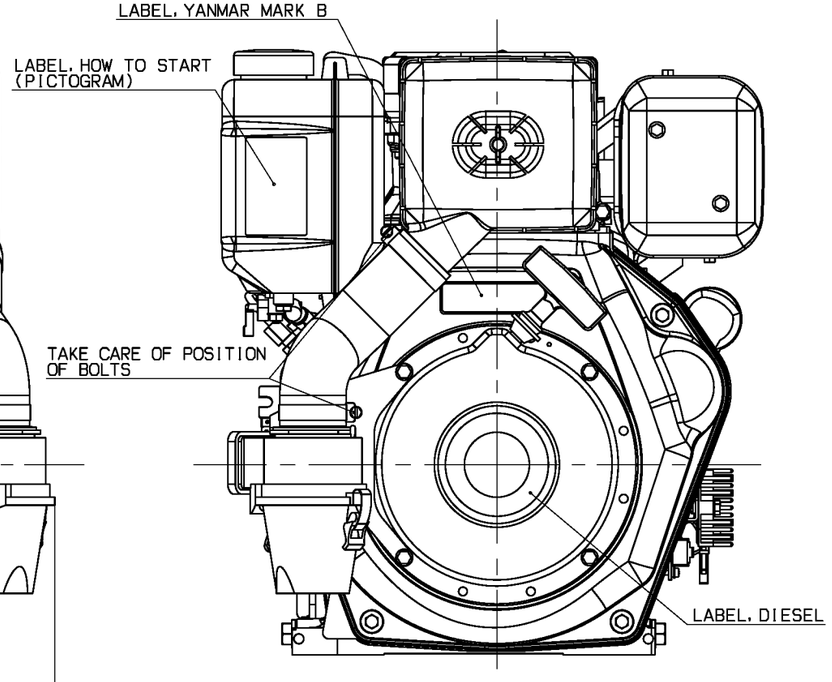




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



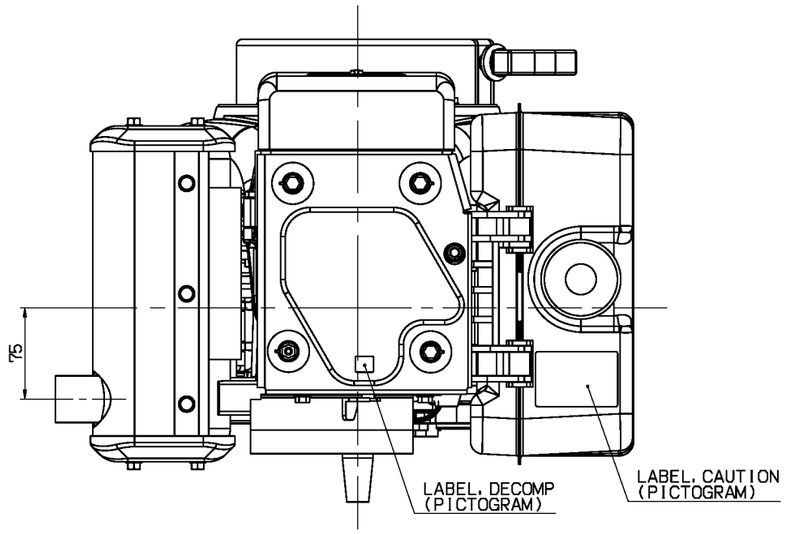


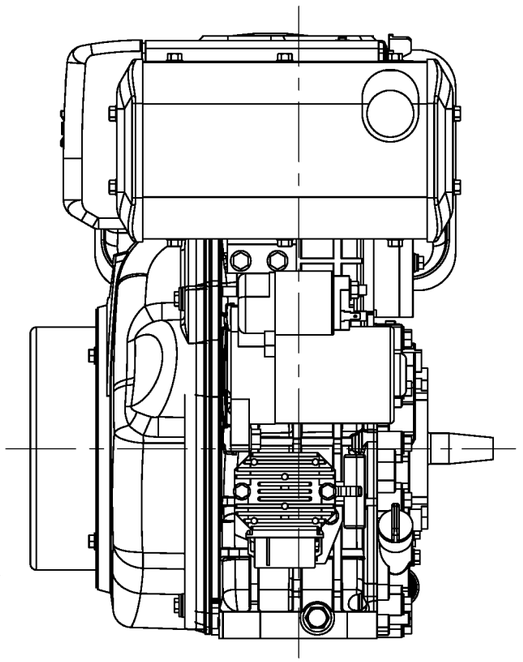


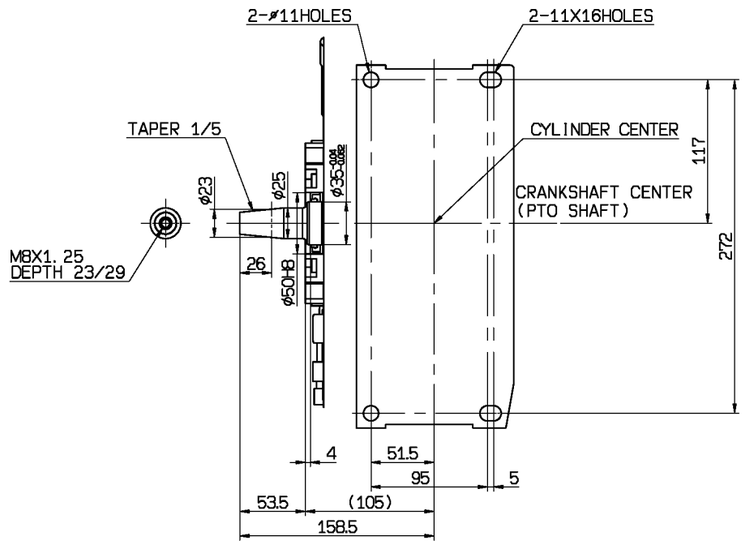
-This outline shows No.1 model

L100 Tiller

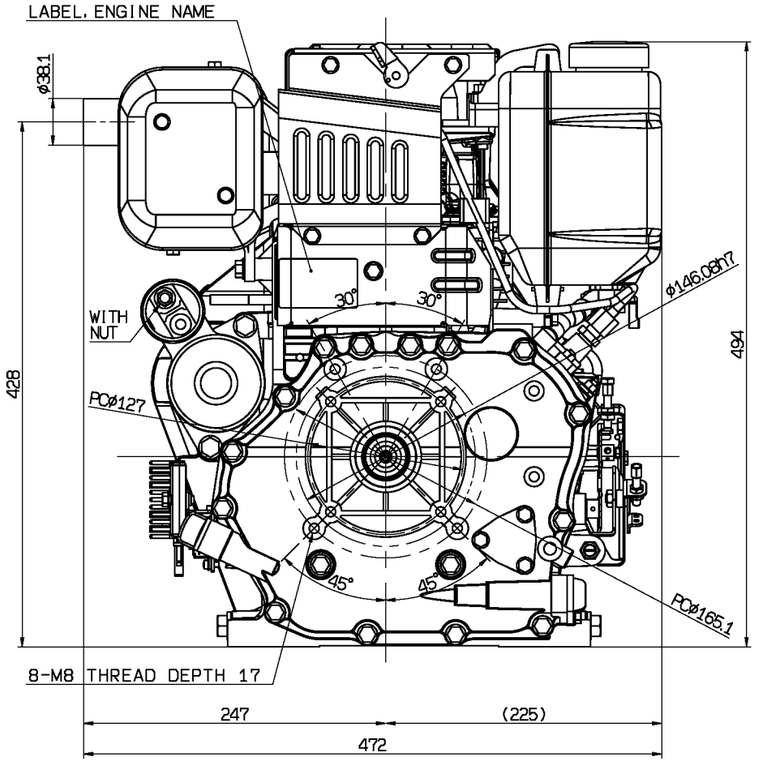
No	Base	Sales area	Model
1	L-N	Global	L100N6FJ1P1AA

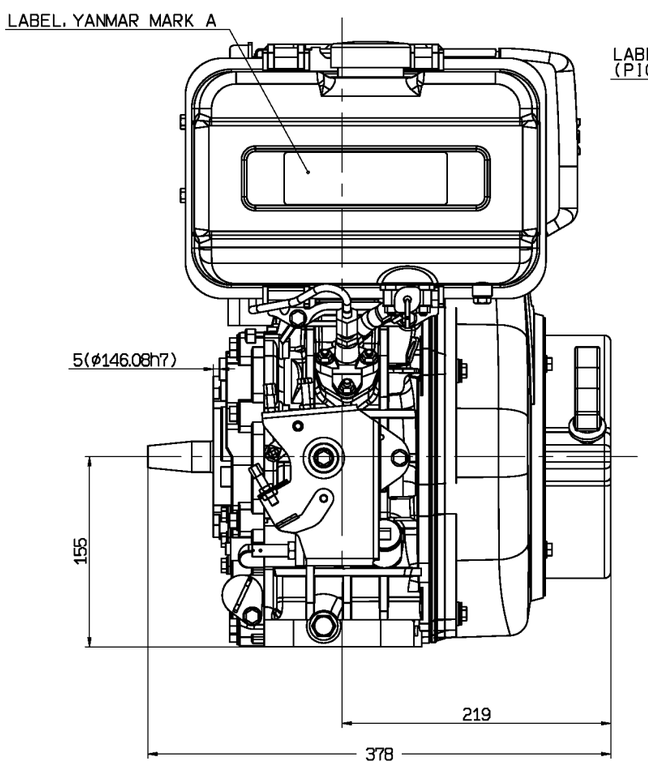


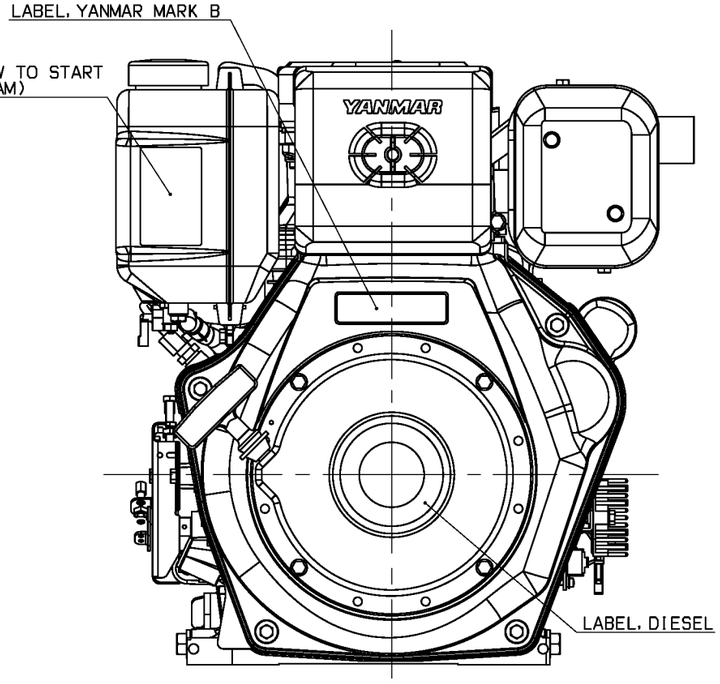




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



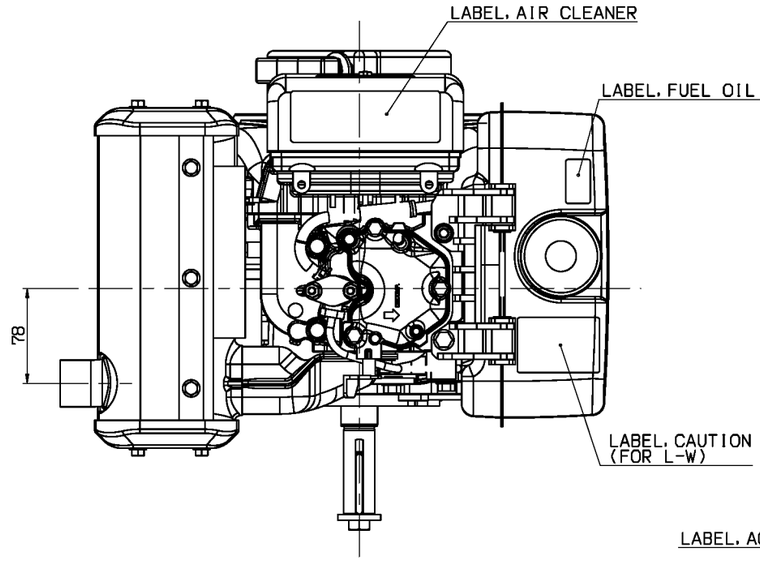


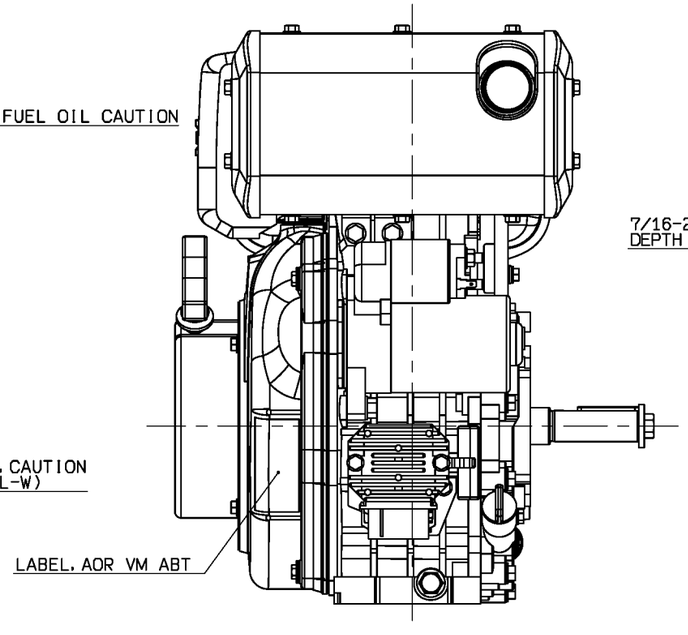


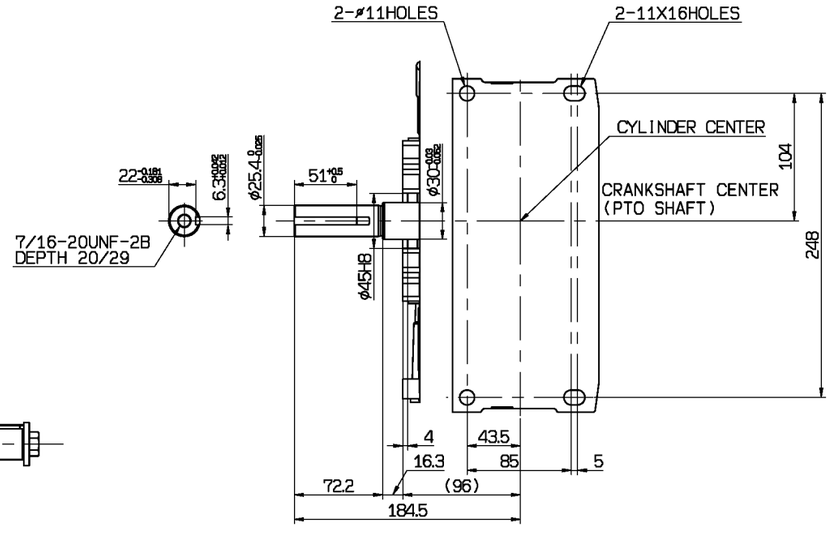
-This outline shows No.1 model

L70W Standard

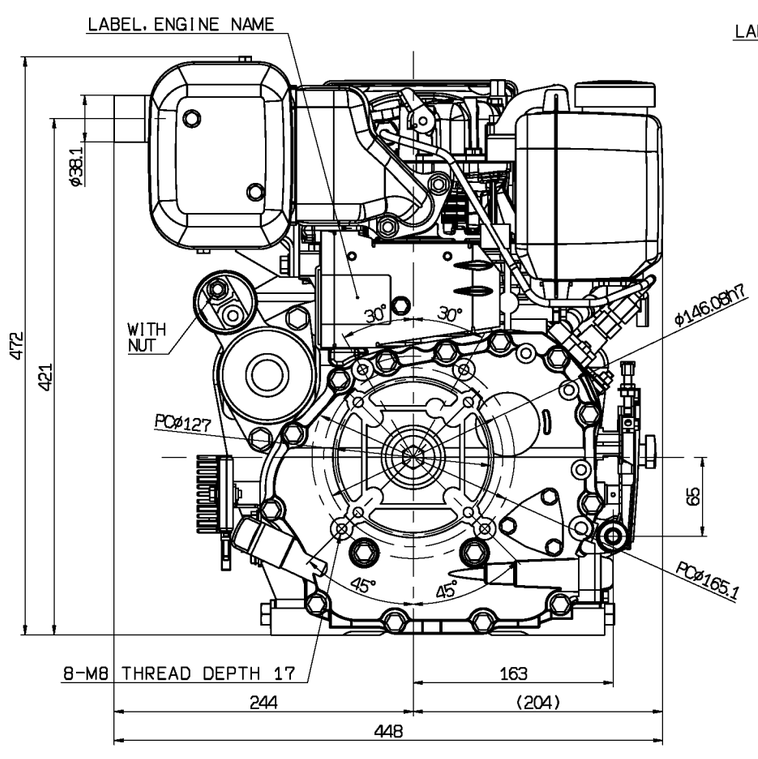
No	Base	Sales area	Model
1	L-W	USA	L70W6CA1T8AA

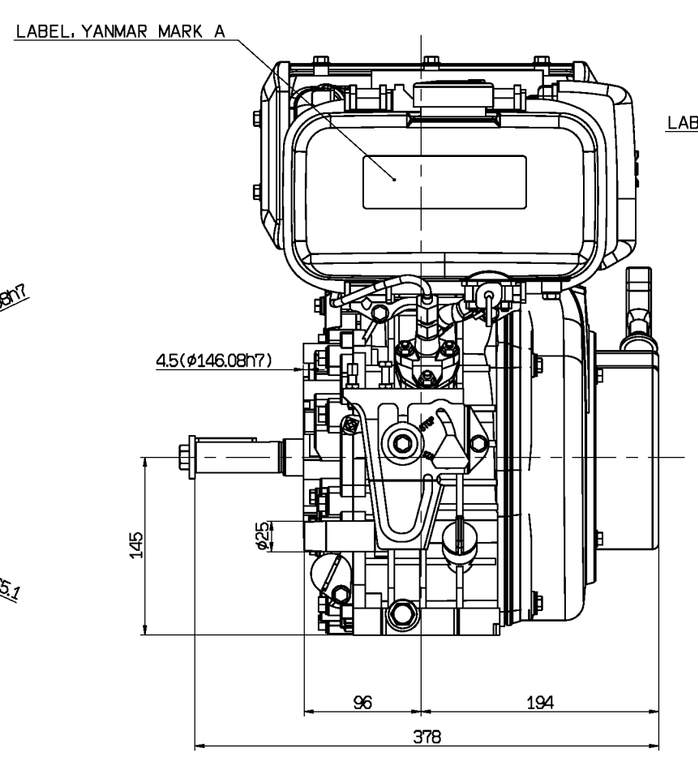


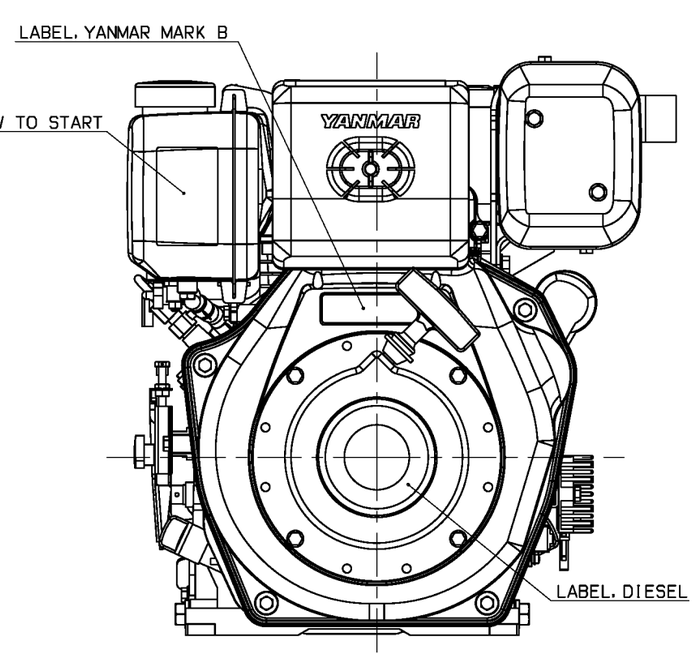




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



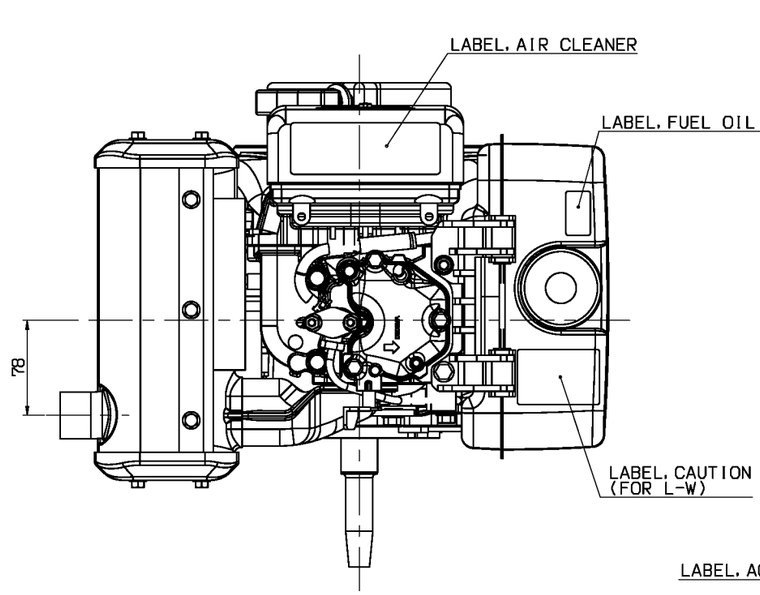


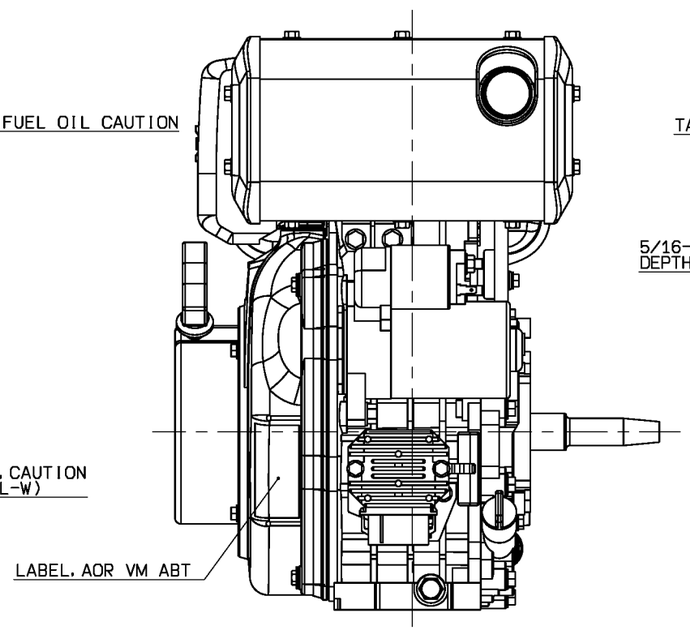


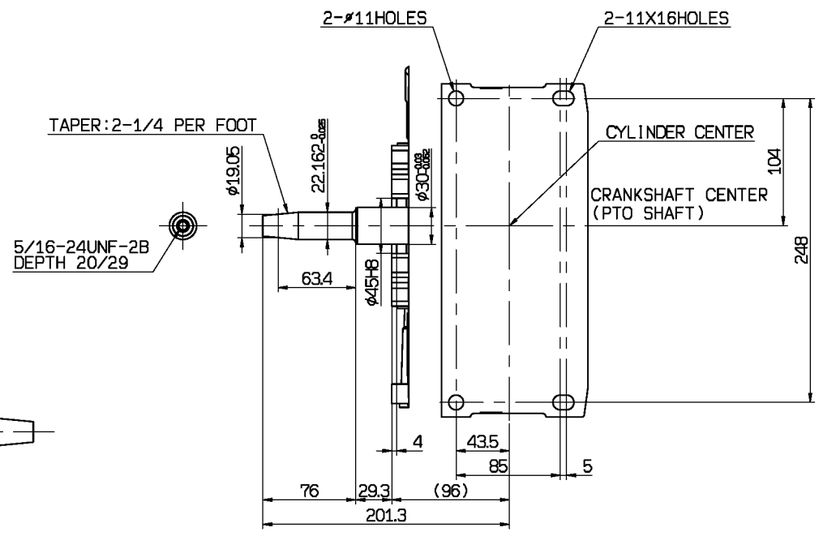
-This outline shows No.1 model

L70W Generator

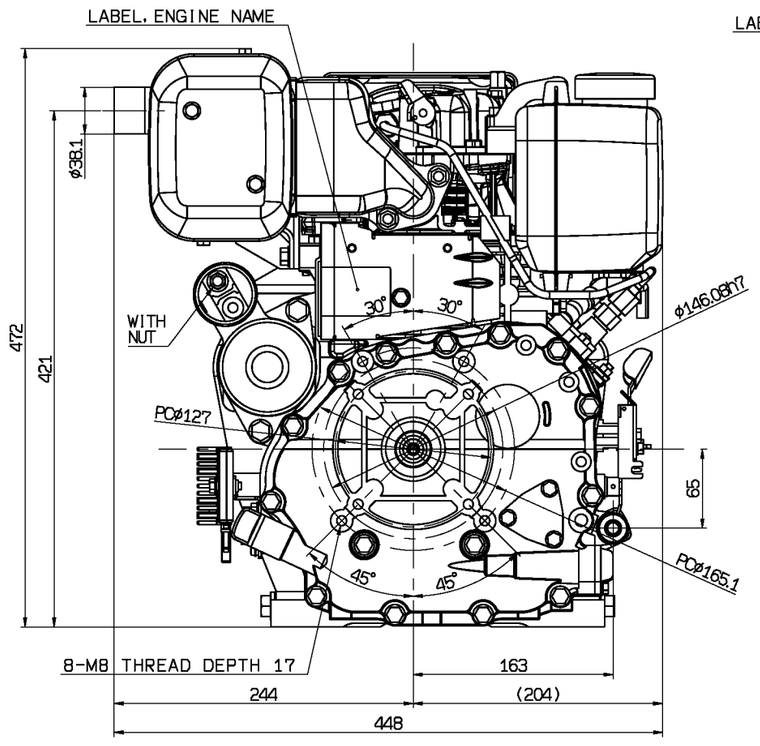
No	Base	Sales area	Model
1	L-W	USA	L70W6EA1C8AA

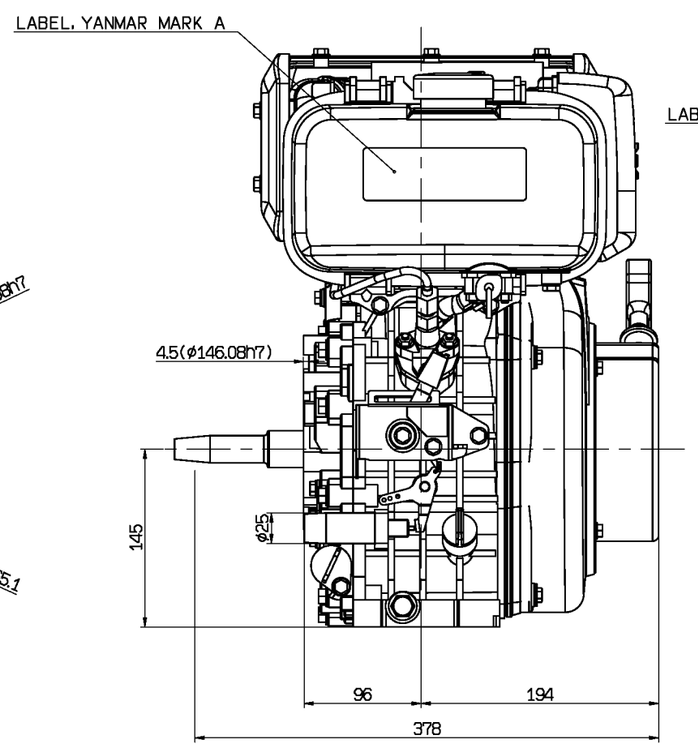


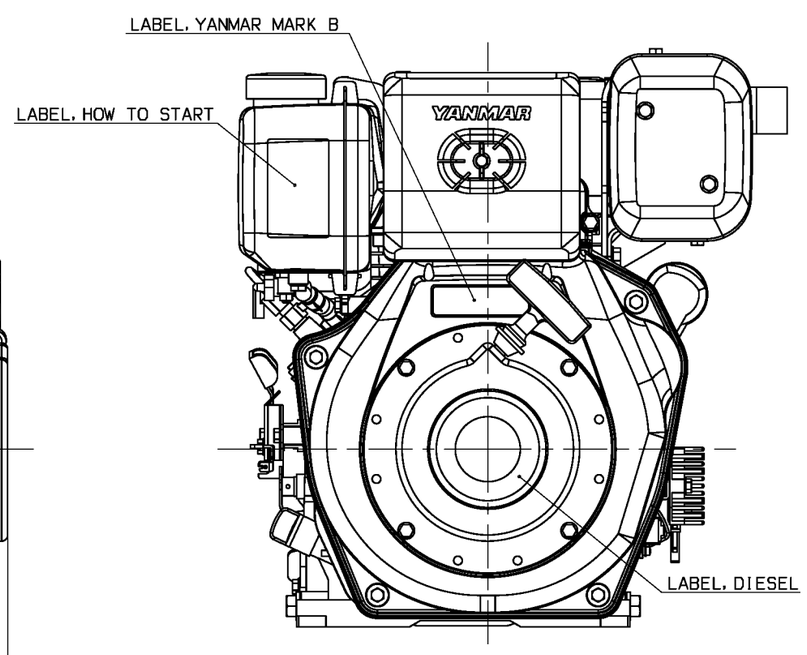




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



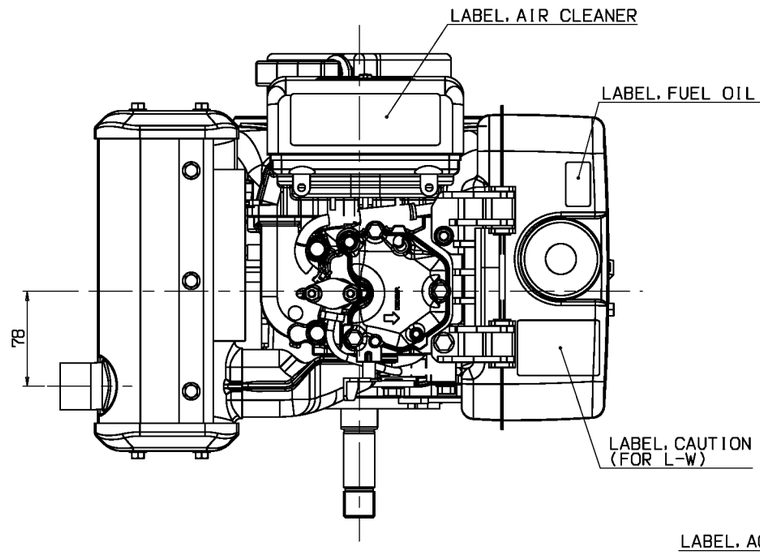


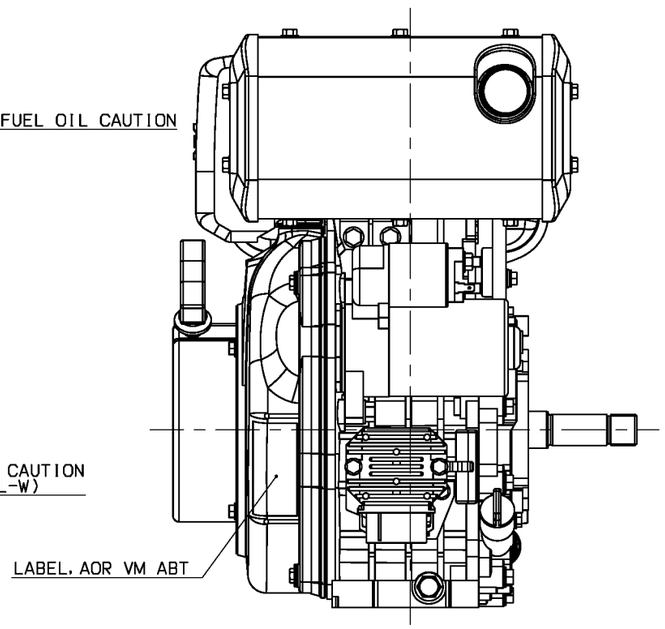


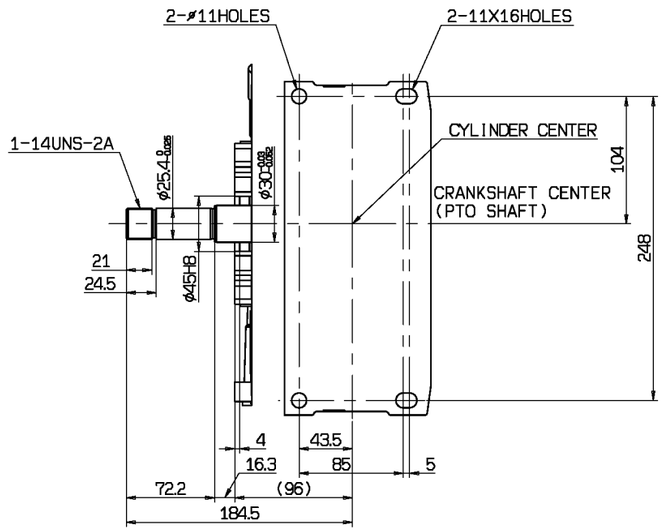
-This outline shows No.1 model

L70W Pump

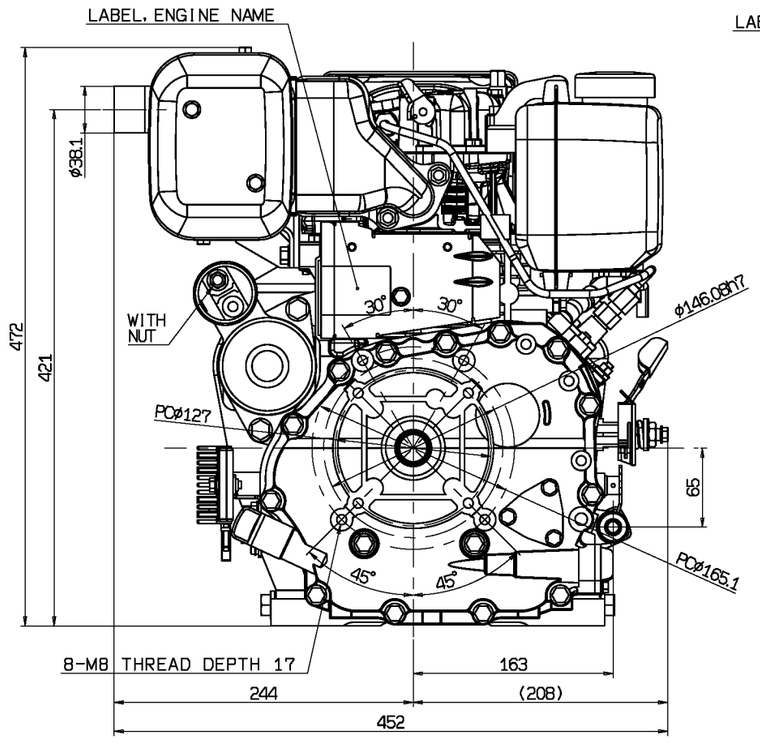
No	Base	Sales area	Model
1	L-W	USA	L70W6DA1F8AA

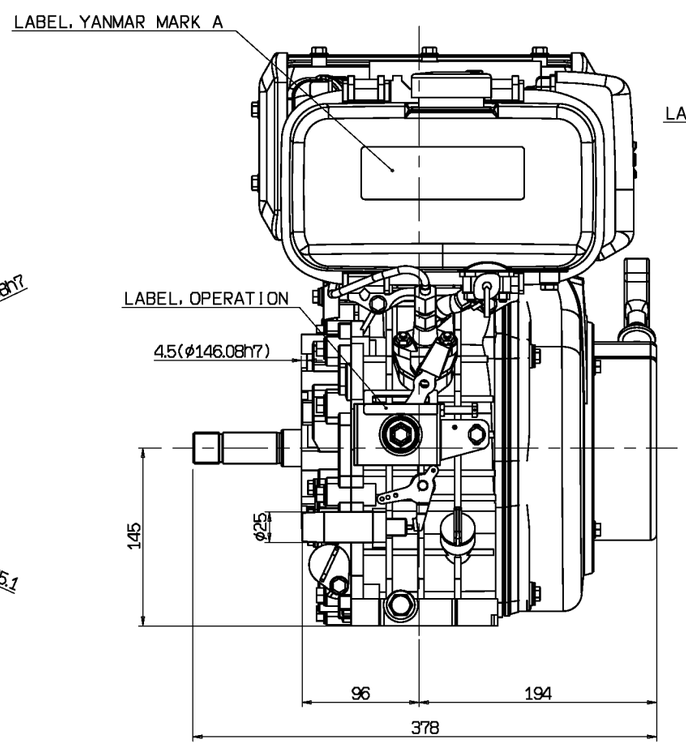


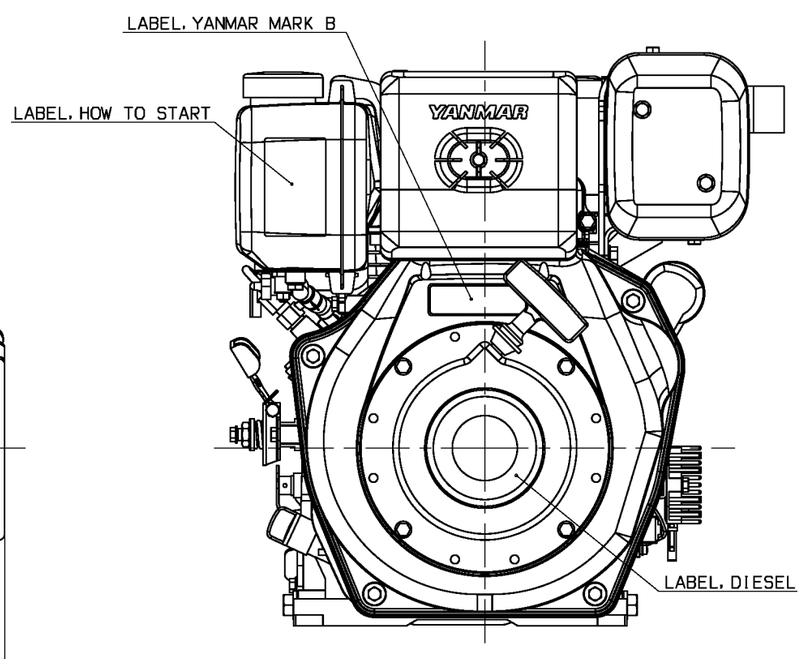




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



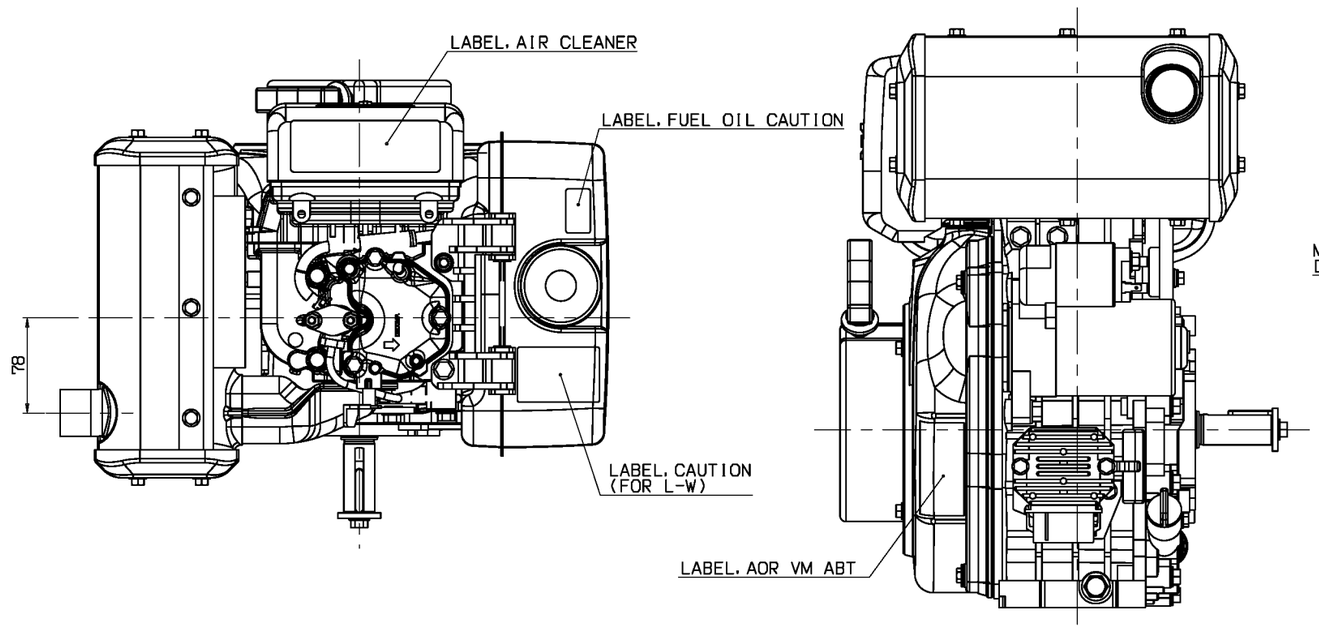


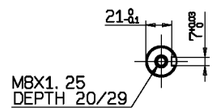


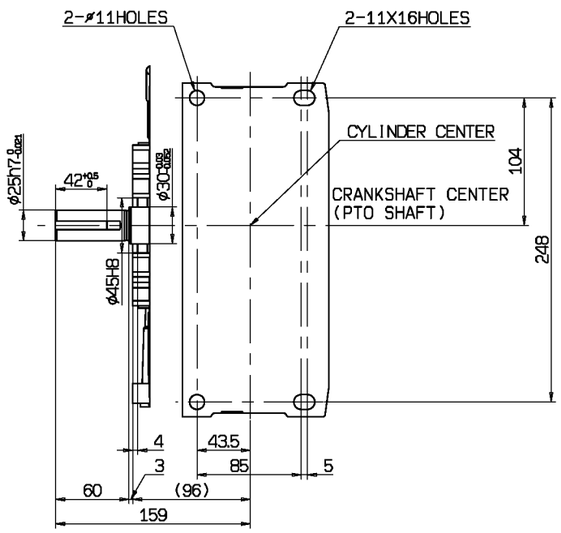
-This outline shows No.1 model

L70W V-machine

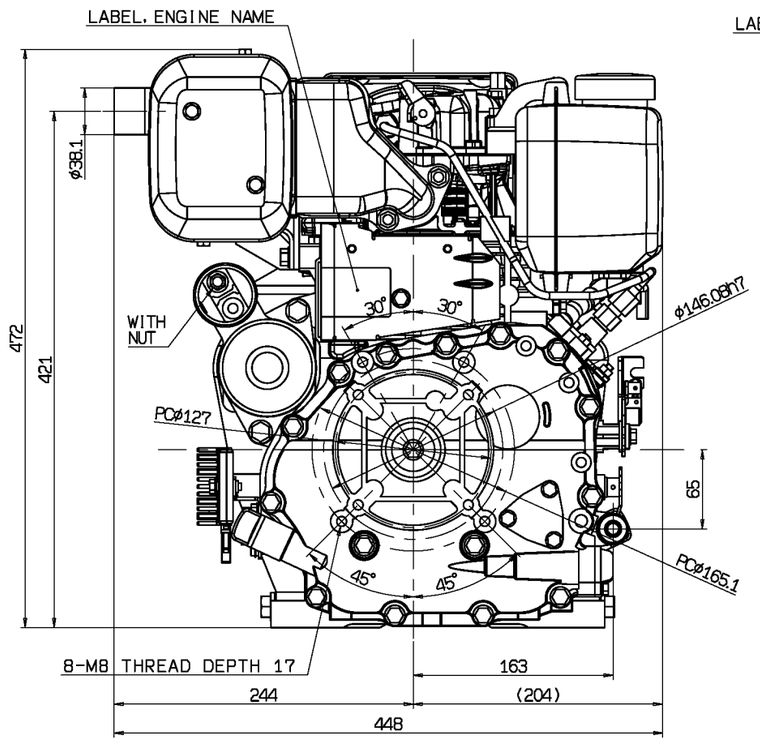
No	Base	Sales area	Model
1	L-W	USA	L70W6AA1R8AA

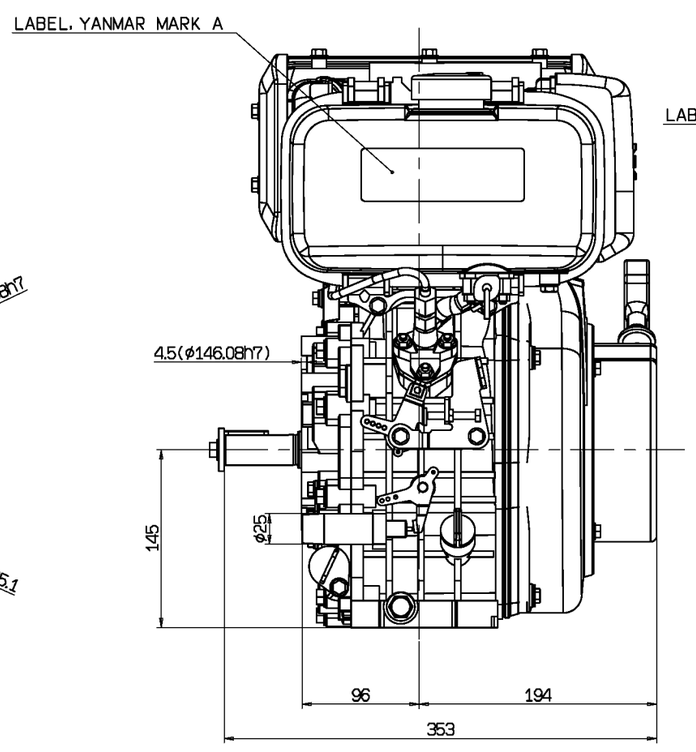


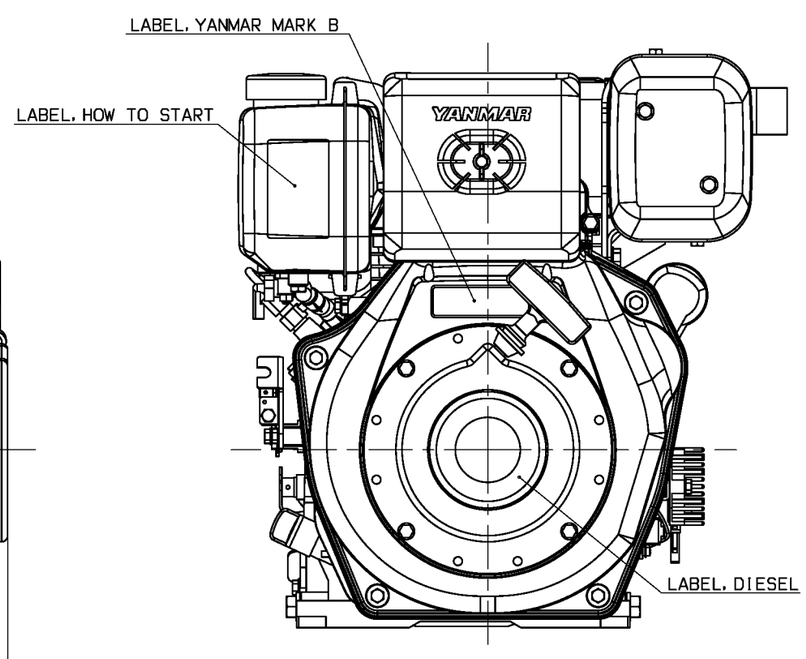




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



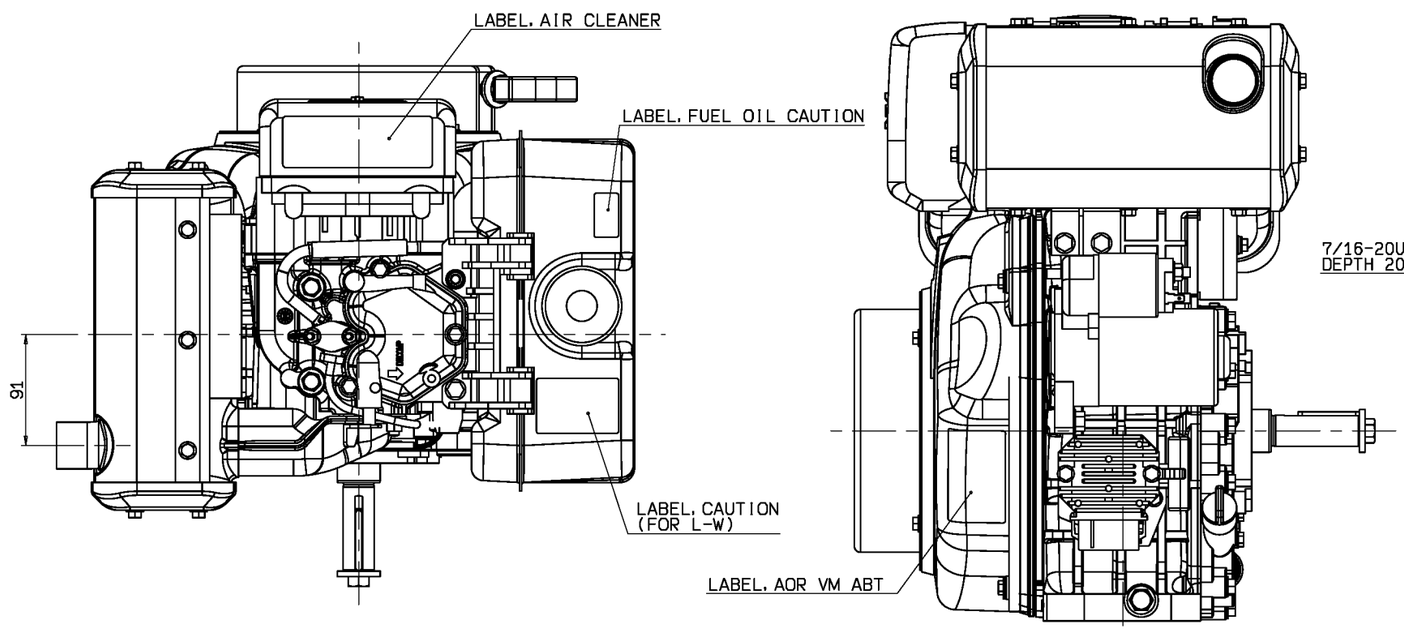


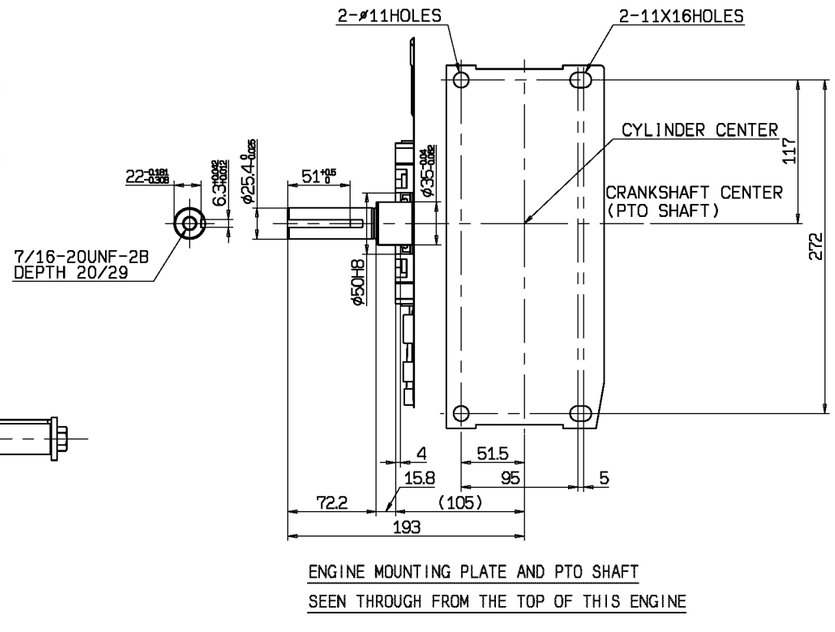


-This outline shows No.1 model

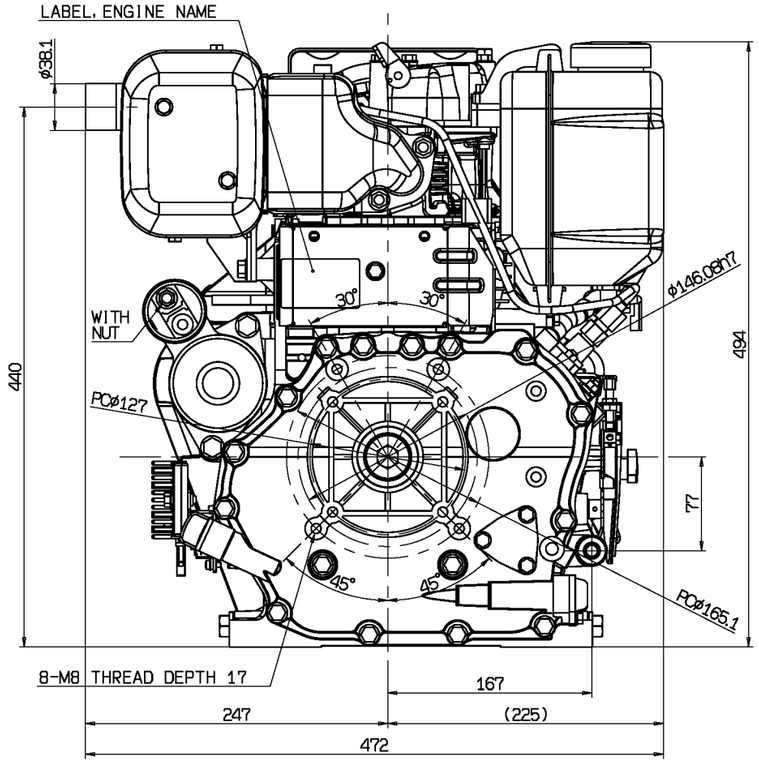
L100W Standard

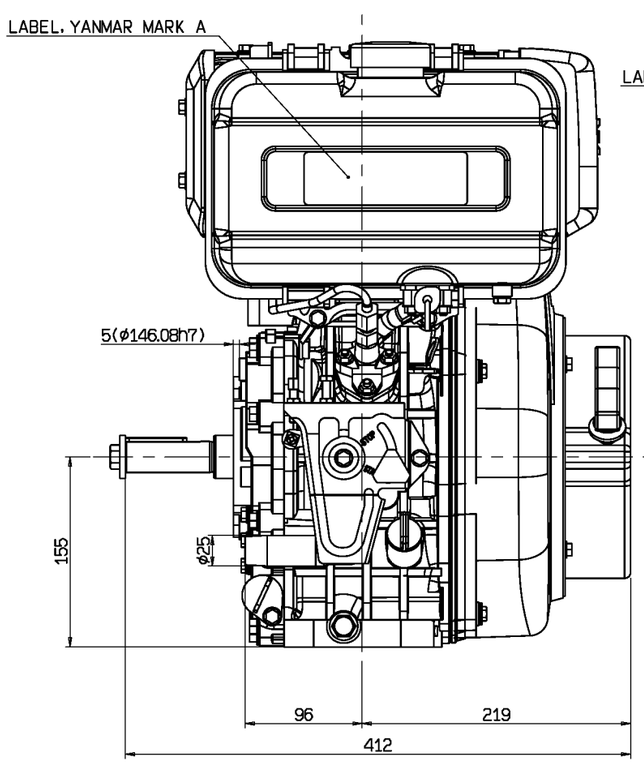
No	Base	Sales area	Model
1	L-W	USA	L100W6CA1T8AA

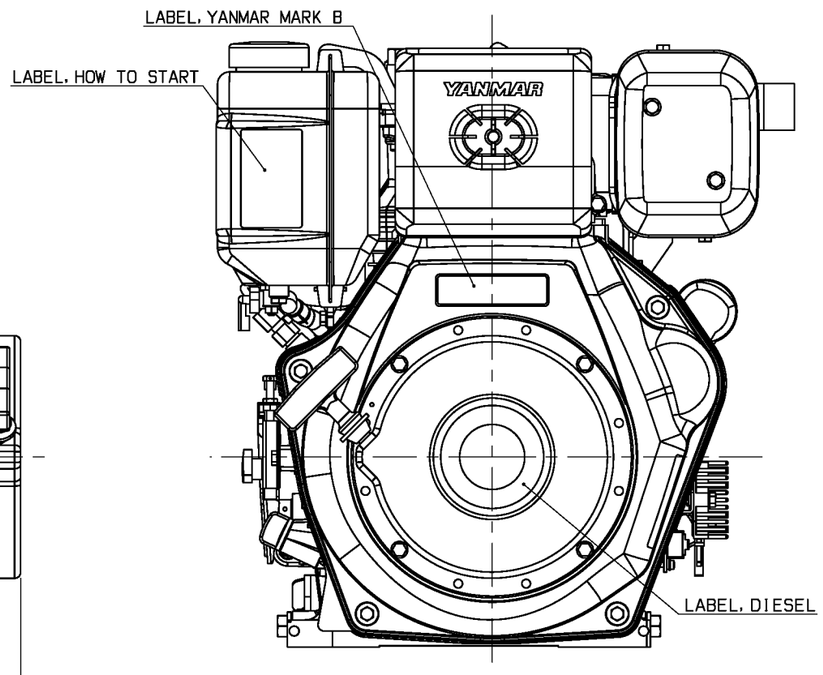




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



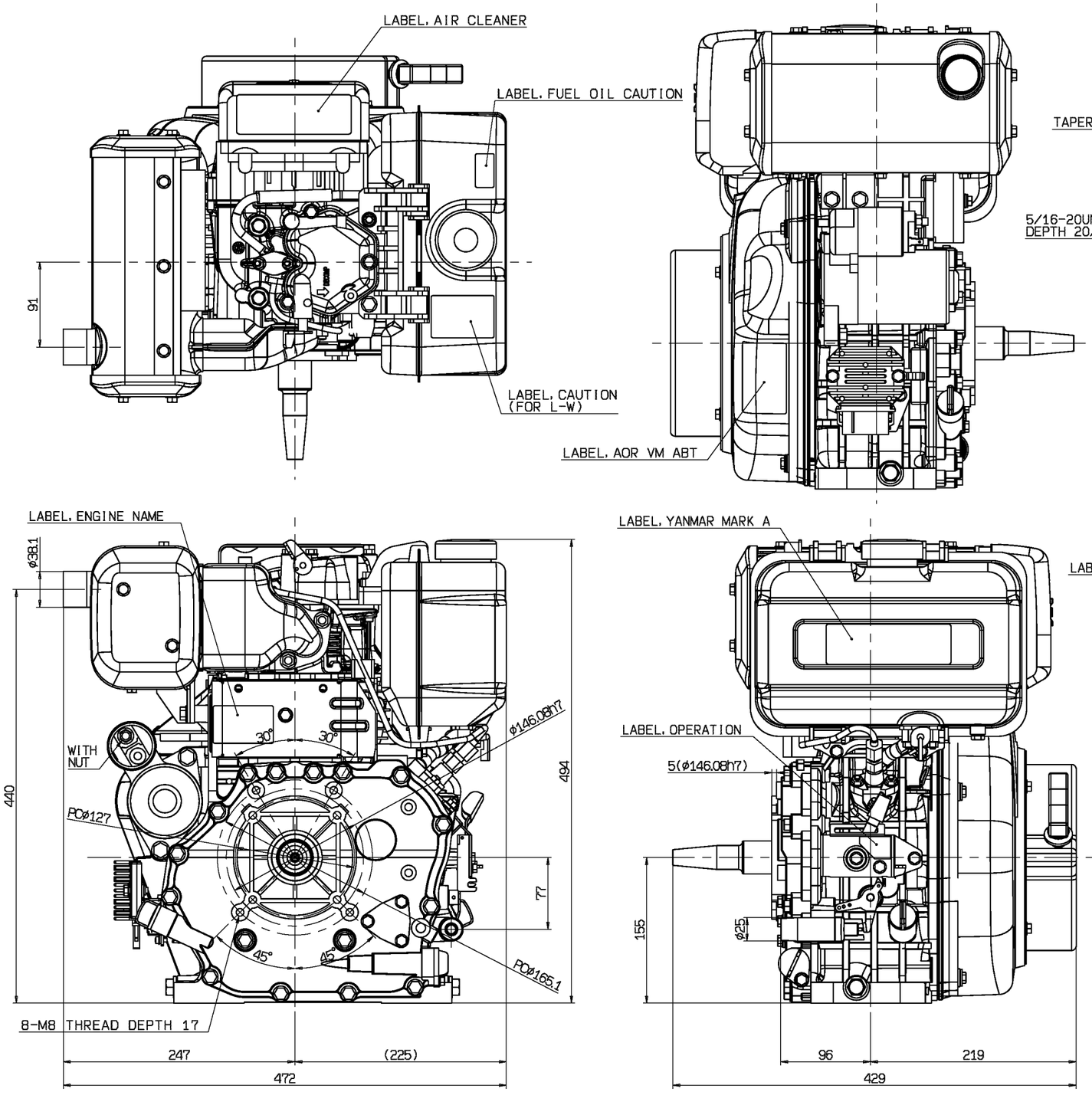


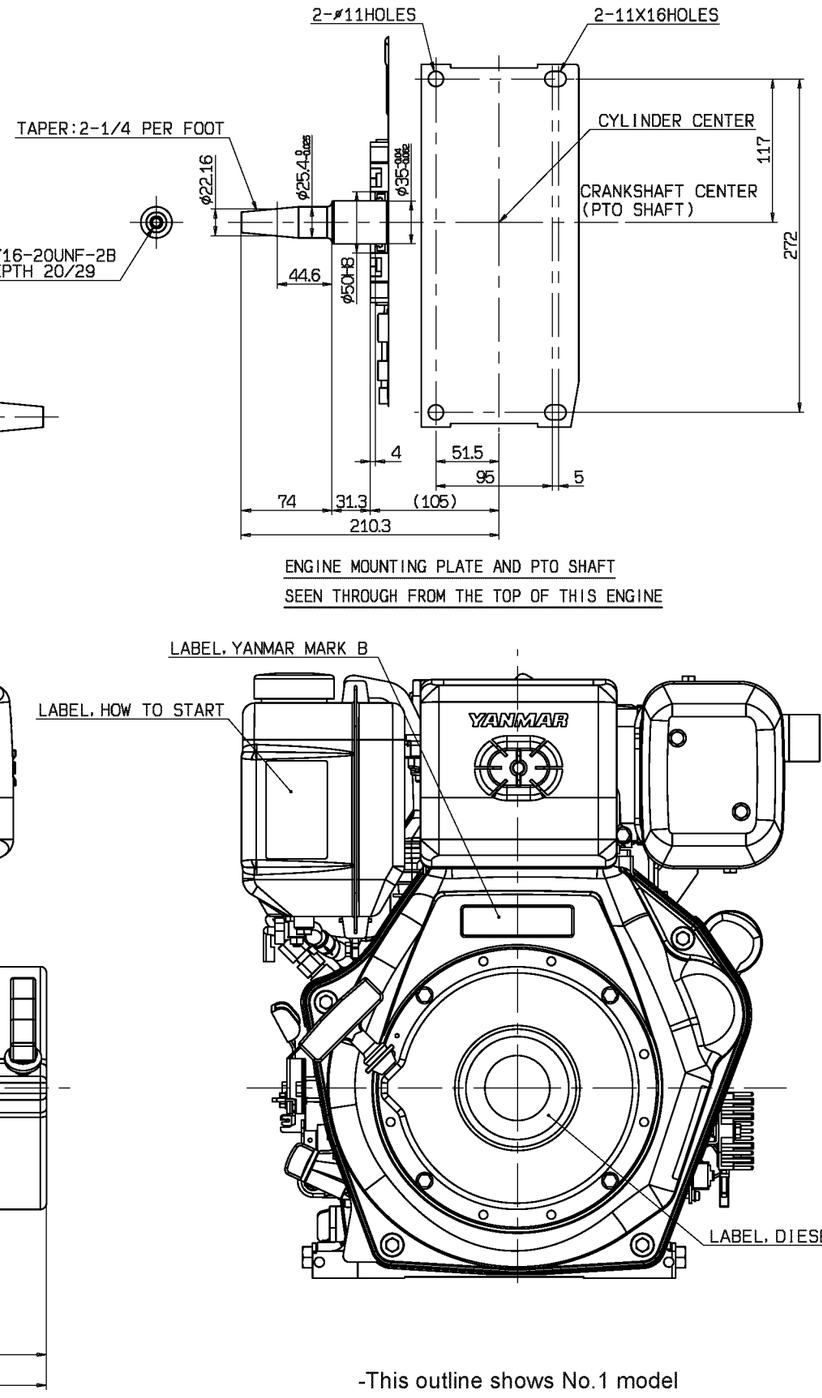


-This outline shows No.1 model

L100W Generator

No	Base	Sales area	Model
1	L-W	USA	L100W6EA1C8AA



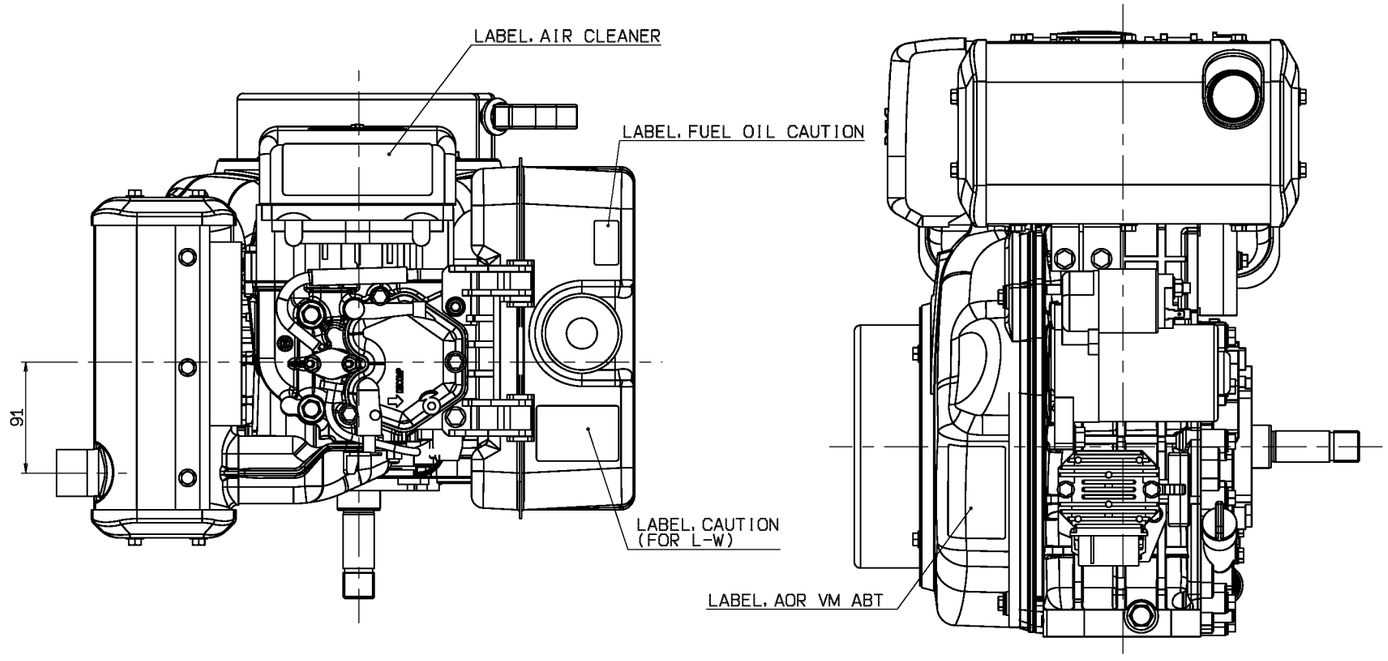


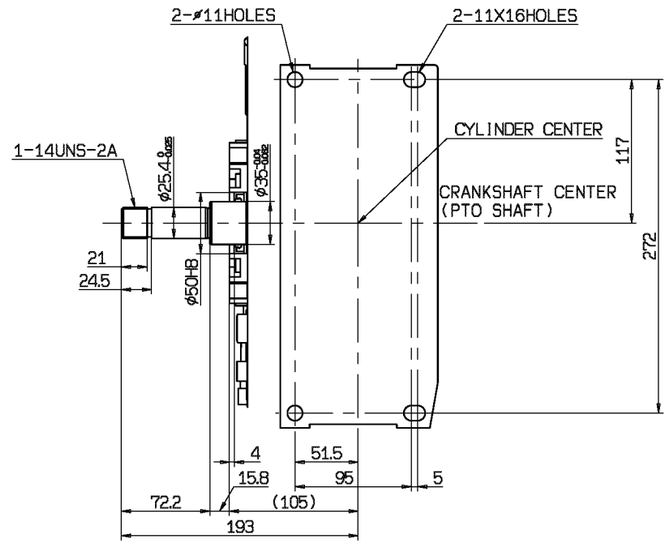
ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE

-This outline shows No.1 model

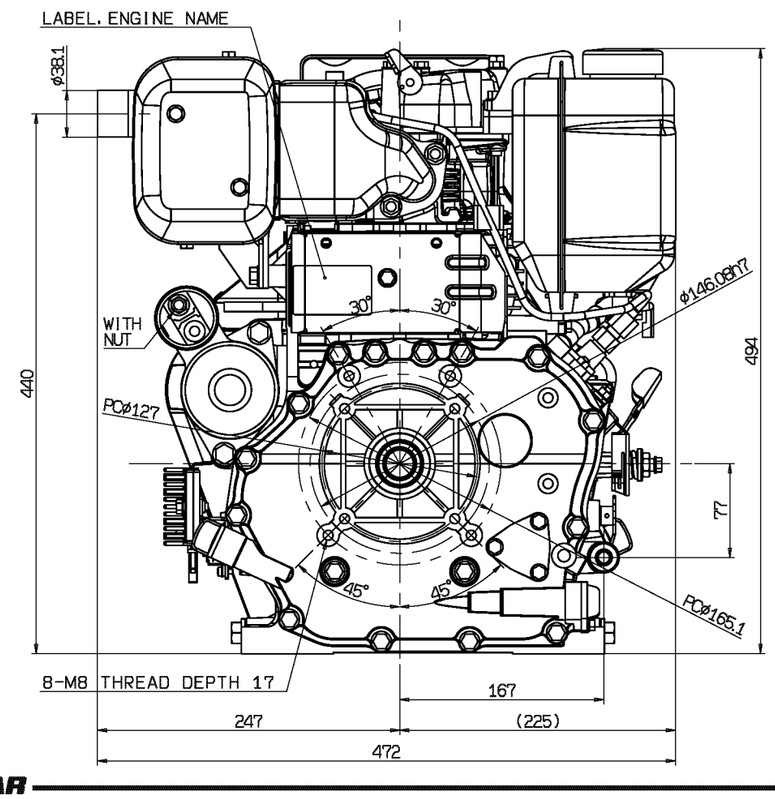
L100W Pump

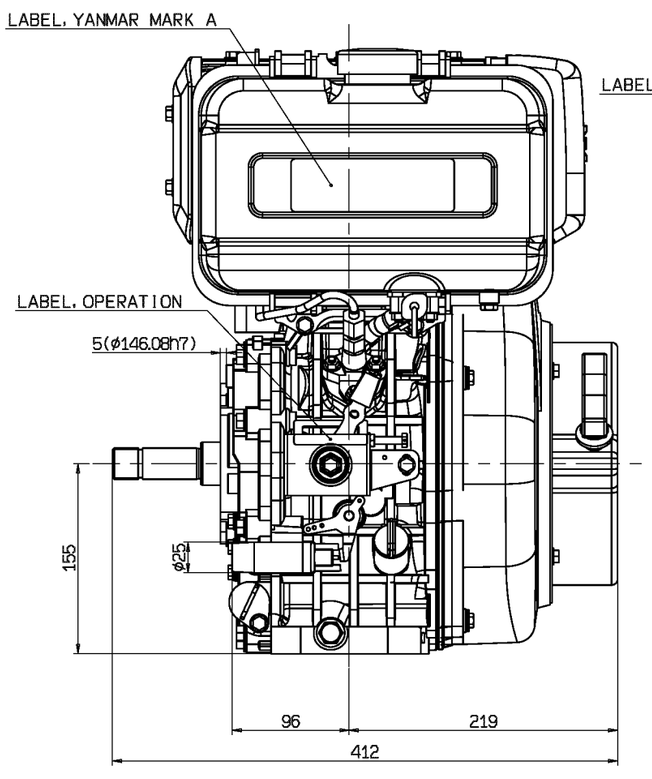
No	Base	Sales area	Model
1	L-W	USA	L100W6DA1F8AA

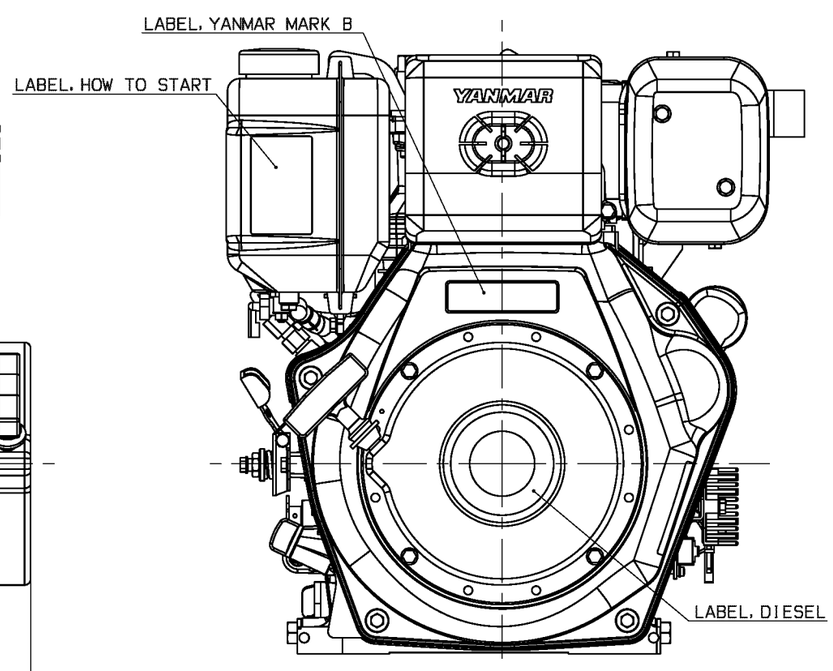




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE



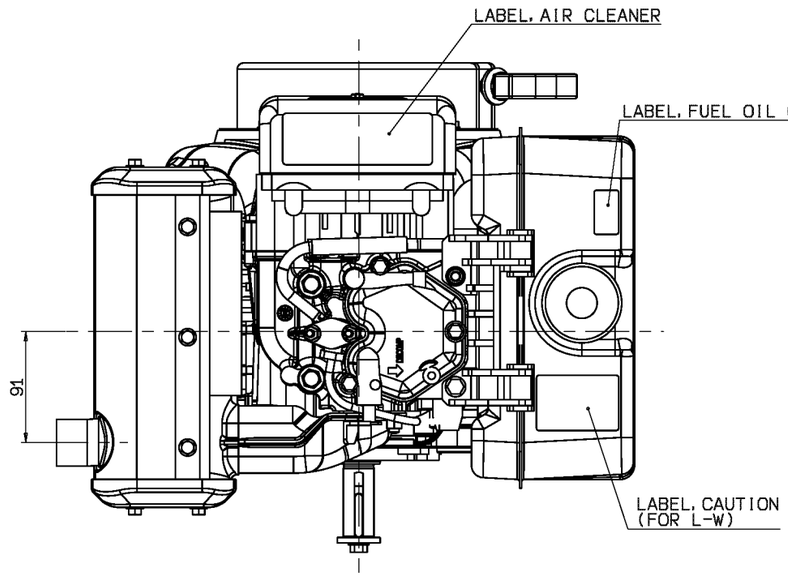


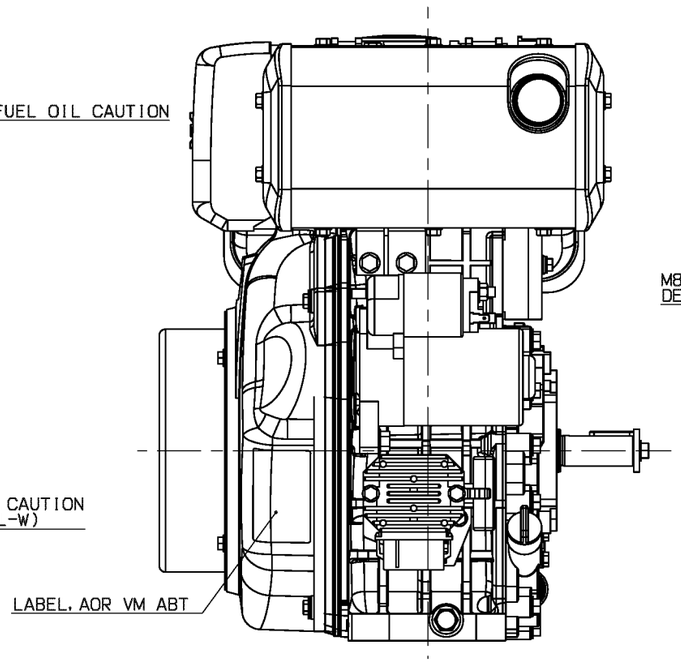


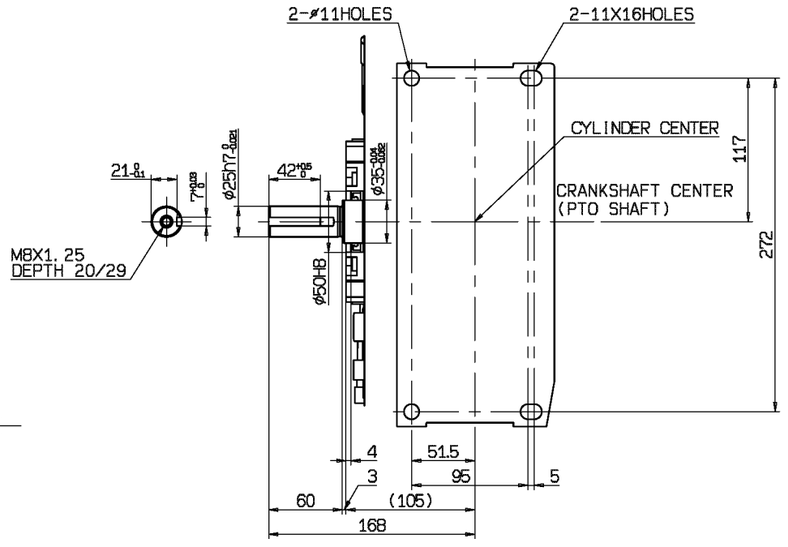
-This outline shows No.1 model

L100W V-machine

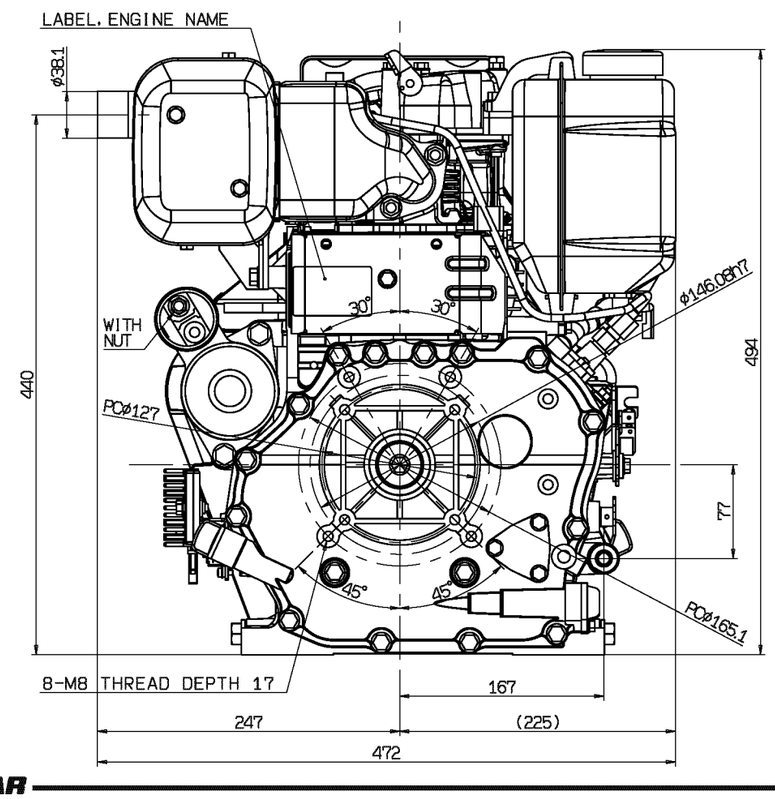
No	Base	Sales area	Model
1	L-W	USA	L100W6AA1R8AA

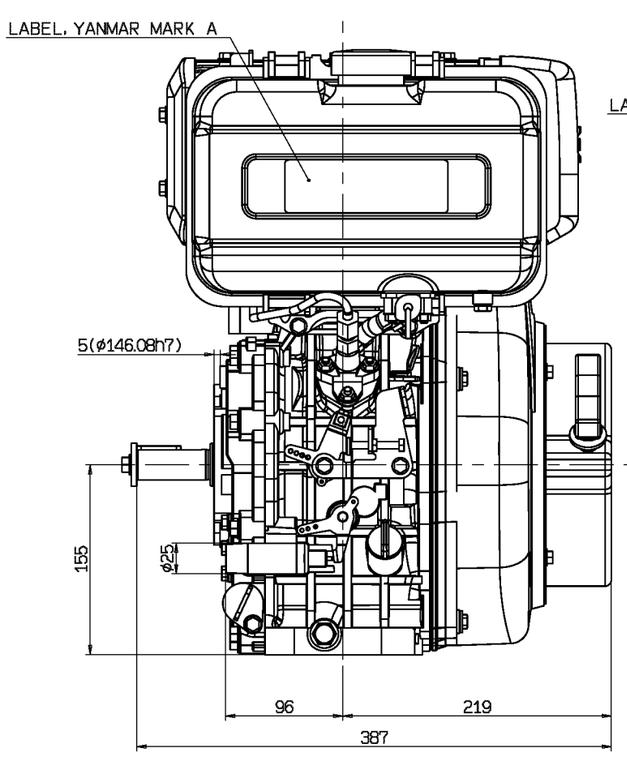


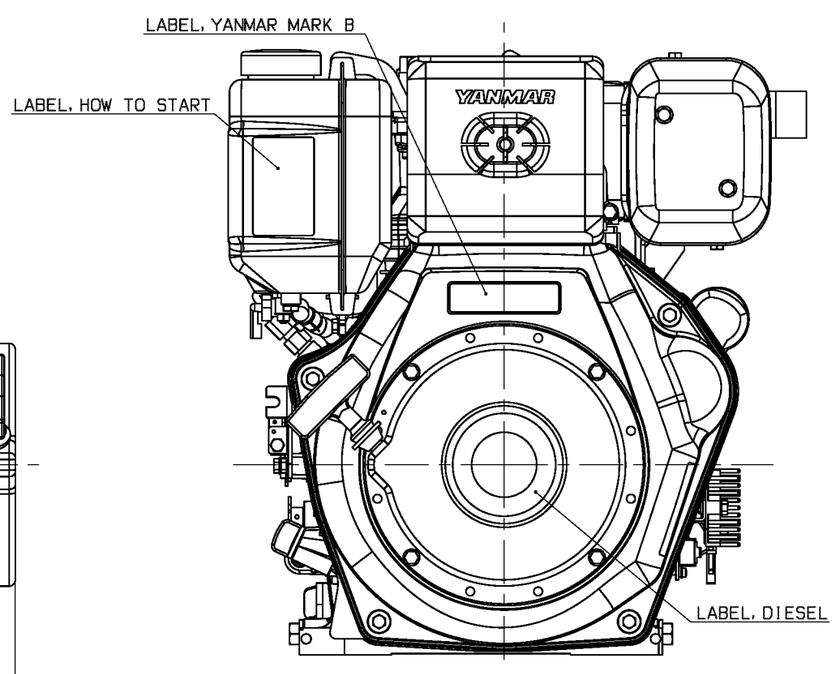




ENGINE MOUNTING PLATE AND PTO SHAFT
SEEN THROUGH FROM THE TOP OF THIS ENGINE







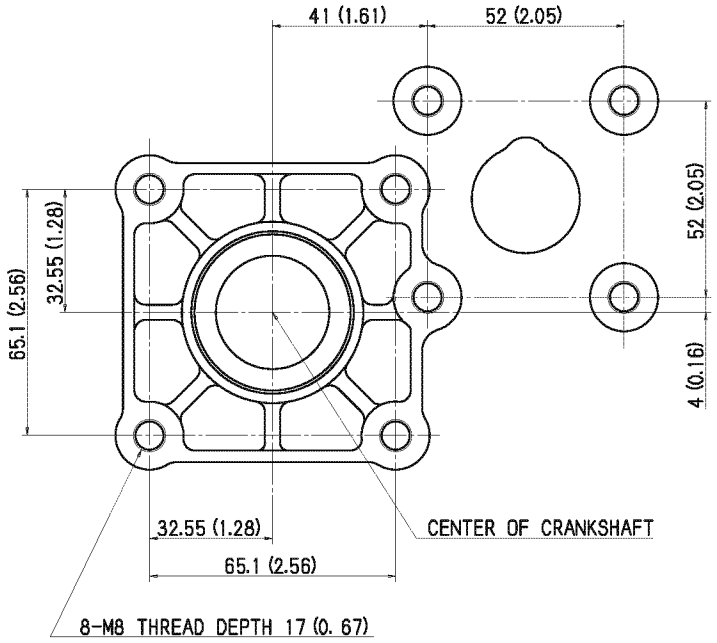
-This outline shows No.1 model

5.List of PTO & Flange

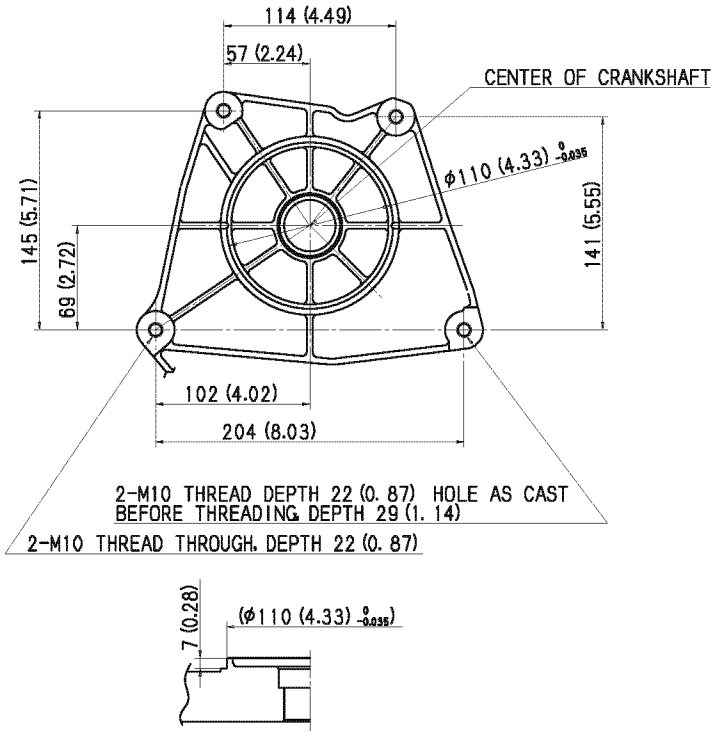
PTO & Flange combination of each standard models

Model	Machine type	PTO			Flange
		Type	Size	Name	
L48	General	Straight	ϕ 3/4 inch	E-D	SAE A-flange (Same as LES)
	Generator	Taper	2-1/4 per foot	E-DG	
	Pump	Thread	3/4"-16UNF	E-DP	
	V-Machine	Straight	ϕ 20mm	D	
	Tiller	Taper	1/5	E-DI	
	Stamper	Taper	1/5	DG	Stamper special
L70	General	Straight	ϕ 1 inch	E-D	SAE B-flange & P.C. ϕ 5inch
	Generator	Taper	2-1/4 per foot	E-DG	
	Pump	Thread	1"-14UNS-2A	E-DP	
	V-Machine	Straight	ϕ 25mm	D	
	Tiller	Taper	1/5	E-DI	
L100	General	Straight	ϕ 1 inch	E-D	SAE B-flange & P.C. ϕ 5inch
	Generator	Taper	2-1/4 per foot	E-DG	
	Pump	Thread	1"-14UNS-2A	E-DP	
	V-Machine	Straight	ϕ 25mm	D	
	Tiller	Taper	1/5	E-DI	

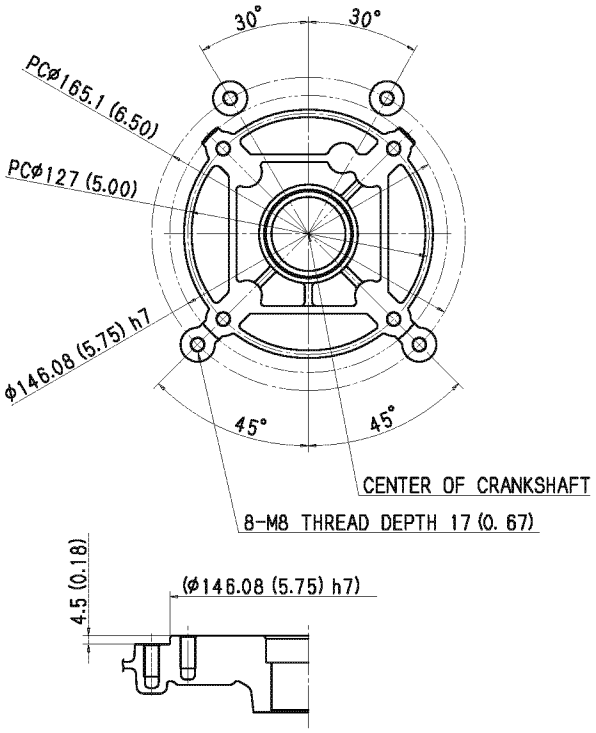
Engine model	L48
Category	General&Generator&Pump&V-Machine&Tiller



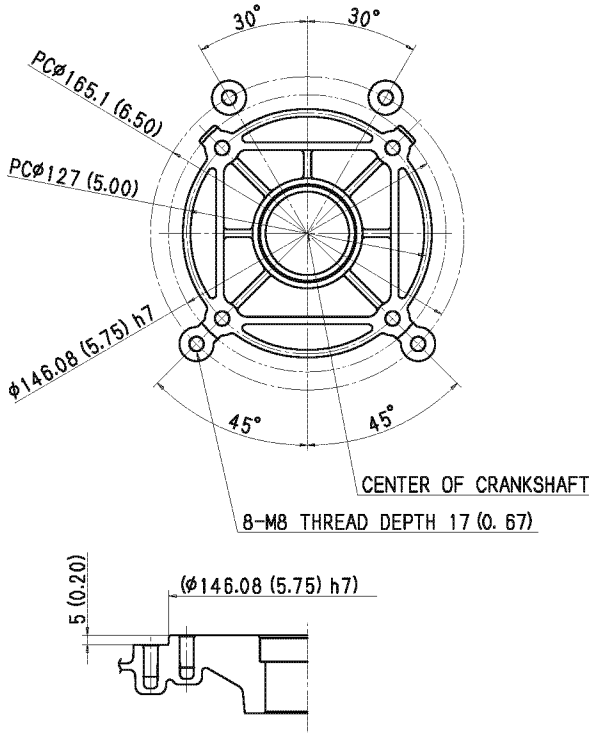
Engine model	L48
Category	Stamper



Engine model	L70
Category	General&Generator&Pump&V-Machine&Tiller

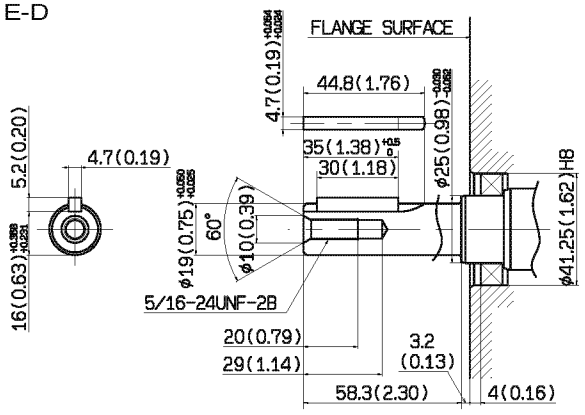


Engine model	L100
Category	General&Generator&Pump&V-Machine&Tiller

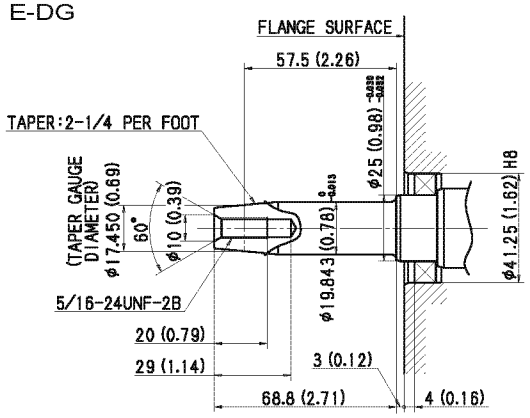


Engine model	L48	Engine model	L48
Category	**General**	Category	**Generator**

E-D

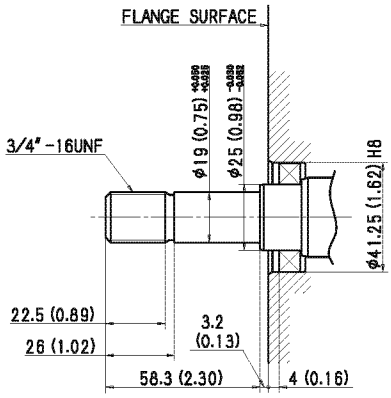


E-DG

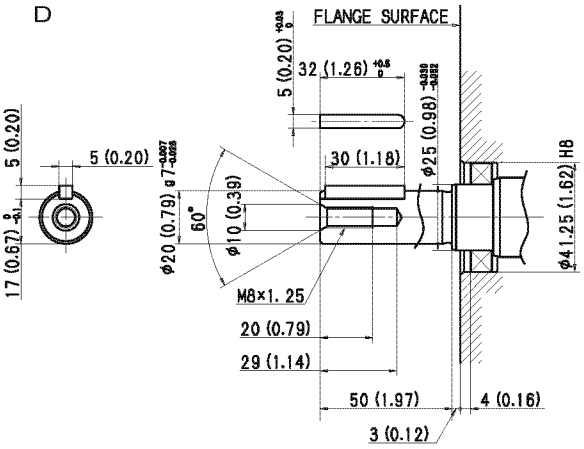


Engine model	L48	Engine model	L48
Category	**Pump**	Category	**V-Machine**

E-DP

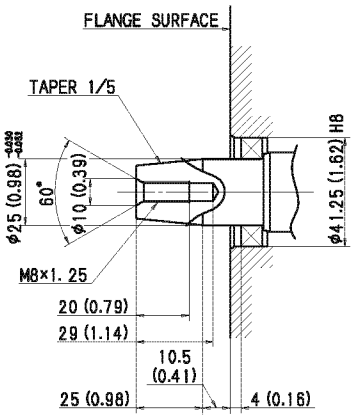


D

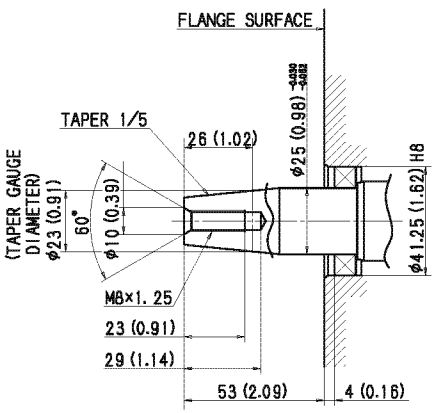


Engine model	L48	Engine model	L48
Category	**Stamper**	Category	**Tiller**

DG

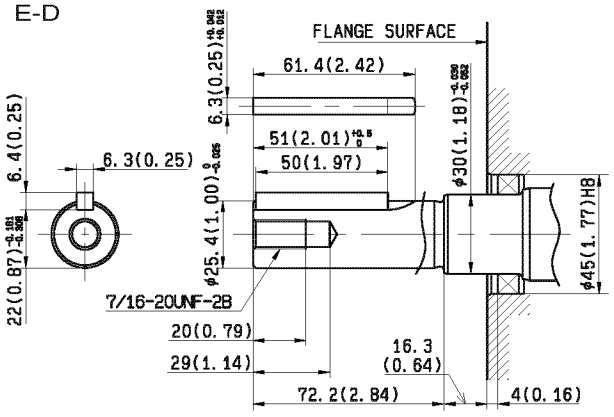


E-DI

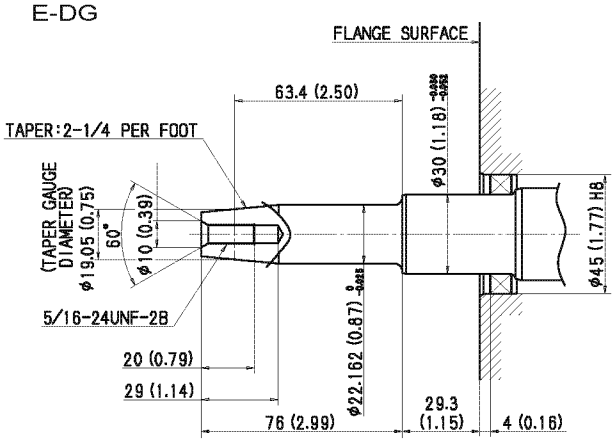


Engine model	L70	Engine model	L70
Category	**General**	Category	**Generator**

E-D

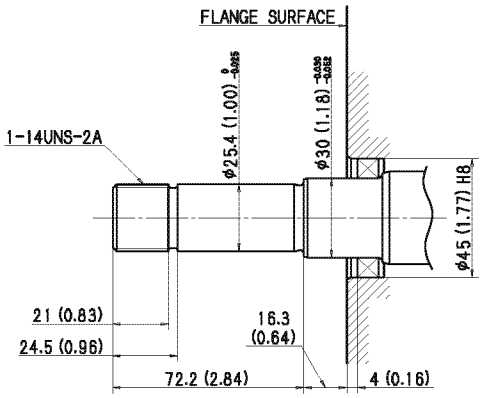


E-DG

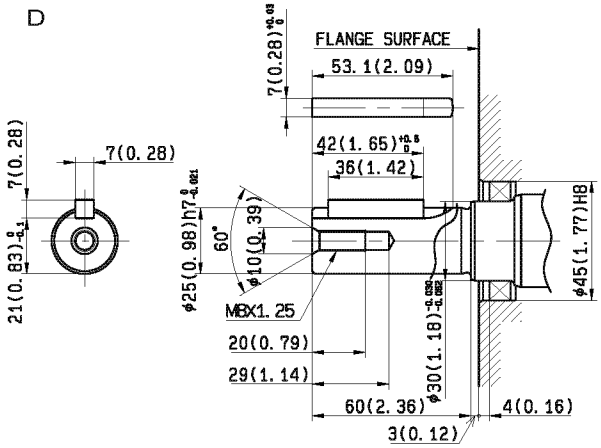


Engine model	L70	Engine model	L70
Category	**Pump**	Category	**V-Machine**

E-DP

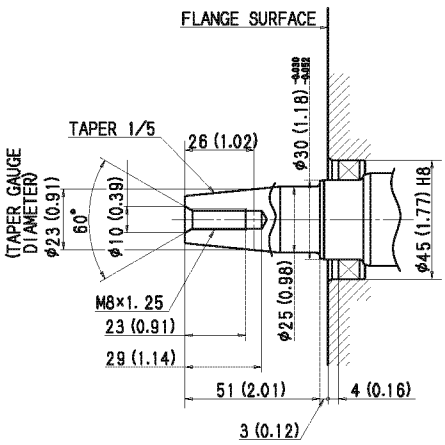


D



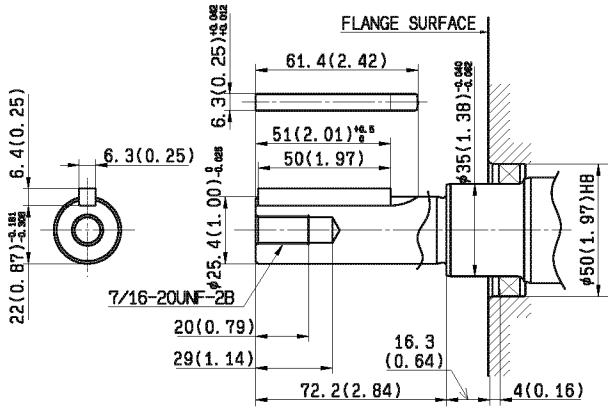
Engine model	L70		
Category	**Tiller**		

E-DI

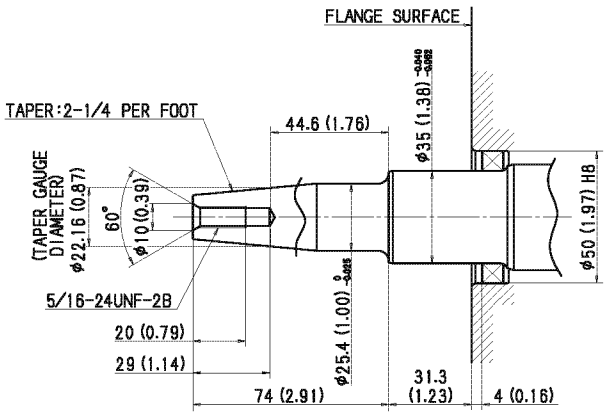


Engine model	L100	Engine model	L100
Category	**General**	Category	**Generator**

E-D

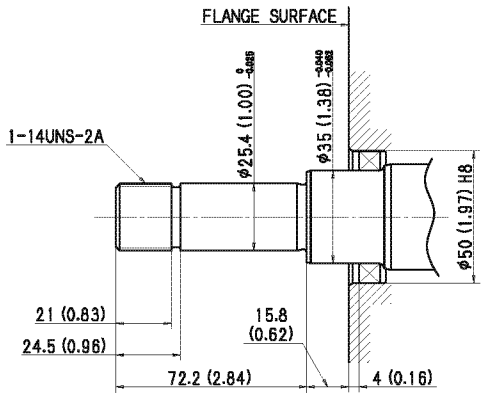


E-DG



Engine model	L100	Engine model	L100
Category	**Pump**	Category	**V-Machine**

E-DP



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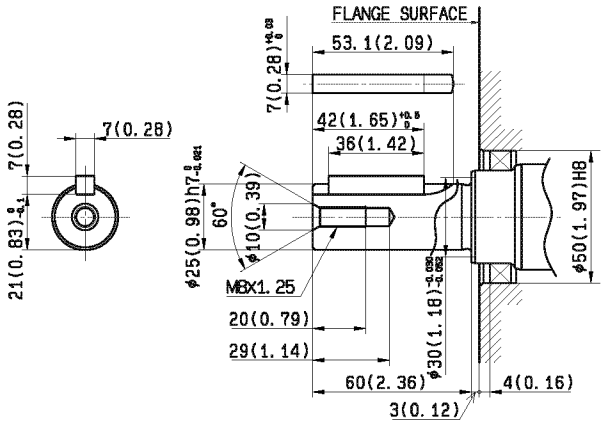
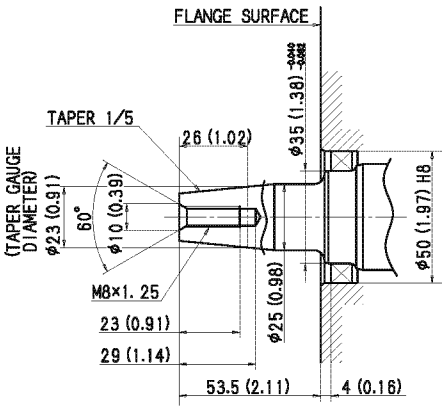
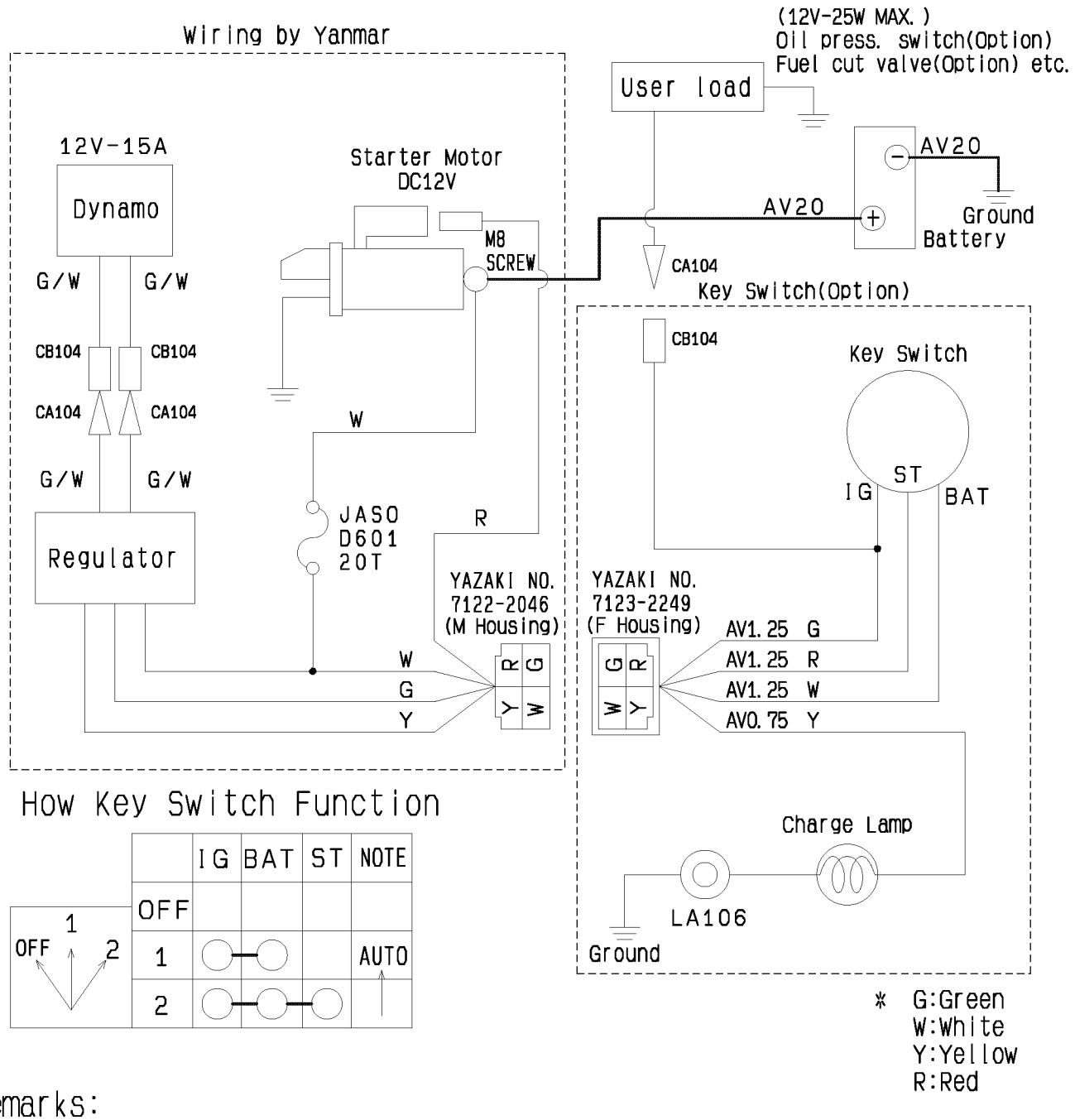


Engine model	L100		
Category	**Tiller**		

E-DI



6.Wiring Diagram

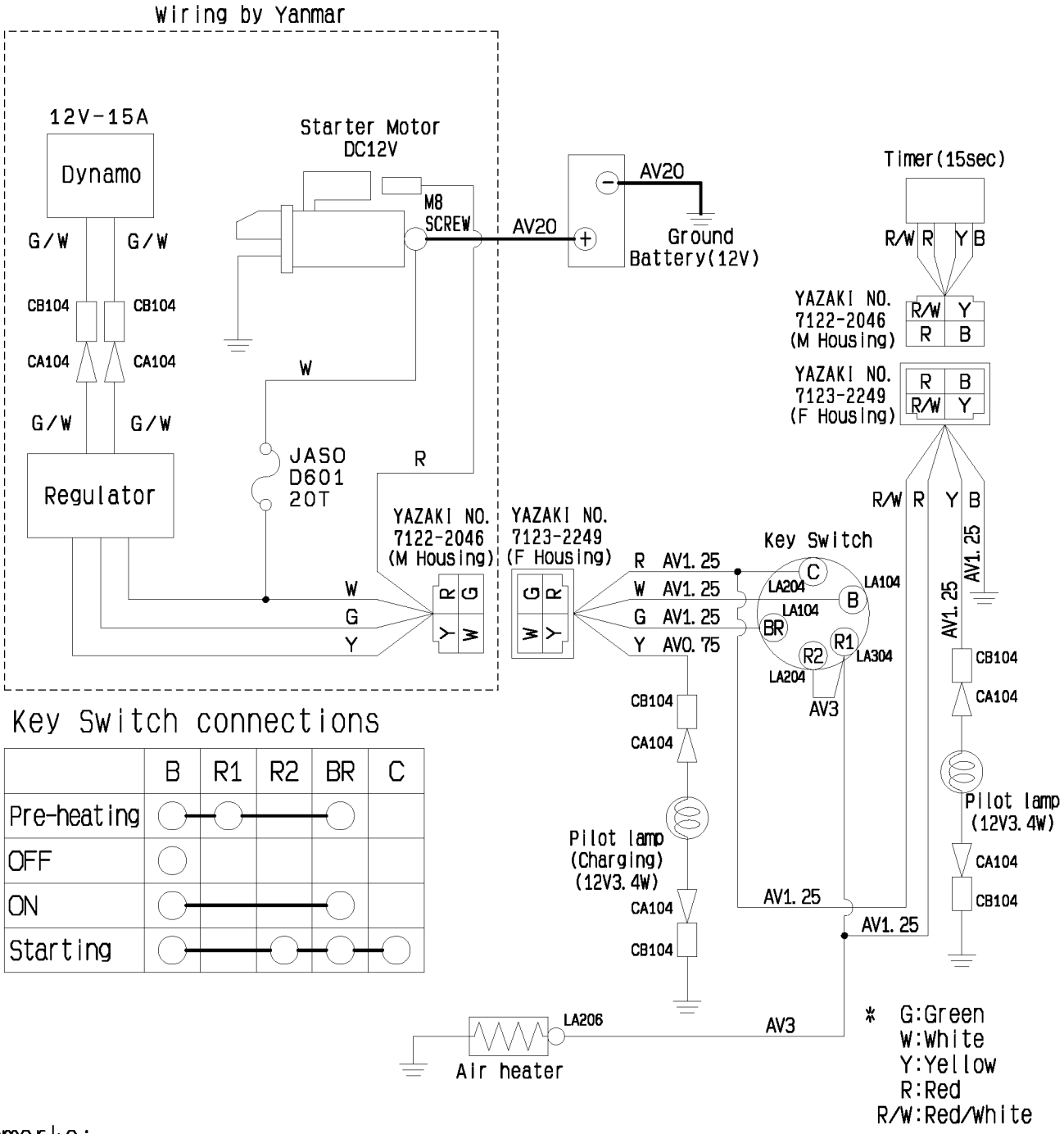


How Key Switch Function

	IG	BAT	ST	NOTE
OFF				
1	●	●		AUTO
2	●	●	●	

Remarks:

1. Be sure to ground both engine and engine-driven machine
2. For this section, purchaser is expected to:
   1)Connect 4P coupler.
   2)Secure charge lamp ground (LA106) with bolt (M6).
   3)Receptacle of pin-type terminal (CB104) outputs up to 12V/25W.
3. Locally procure: 1)Battery (24Ah-36Ah)
   2)Battery cable (AV20)



Key Switch connections

	B	R1	R2	BR	C
Pre-heating	○	○		○	
OFF	○				
ON	○			○	
Starting	○	○	○	○	○

Remarks:

1. Be sure to ground both engine and engine-driven machine
2. For this section, purchaser is expected to:
   1)Connect 4P coupler.
   2)Secure charge lamp ground (LA106) with bolt (M6).
   3)Receptacle of pin-type terminal (CB104) outputs up to 12V/25W.
3. Locally procure: 1)Battery (30Ah-45Ah)
   2)Battery cable (AV20)

7.Fuel system

When installing the tank and piping, consider the following points :

1) Location of the Fuel Tank

Be sure to install the fuel tank so the fuel cock attached at the bottom of the fuel tank is higher than the fuel entrance in the fuel injection pump.

2) Fuel Pipe (Passage)

Use a reinforced rubber pipe with an inner diameter of 8 mm (0.314 in.).
Recommended counter-pressure: 1.0 MPa.

When connecting the pipe (passage), be sure to fasten both ends securely with clamps.
Connect the pipe without slack.
Note: Never use PVC hoses. These are not suitable for engine fuel pipes because of thermal deformation.

3) Installation of Throttle

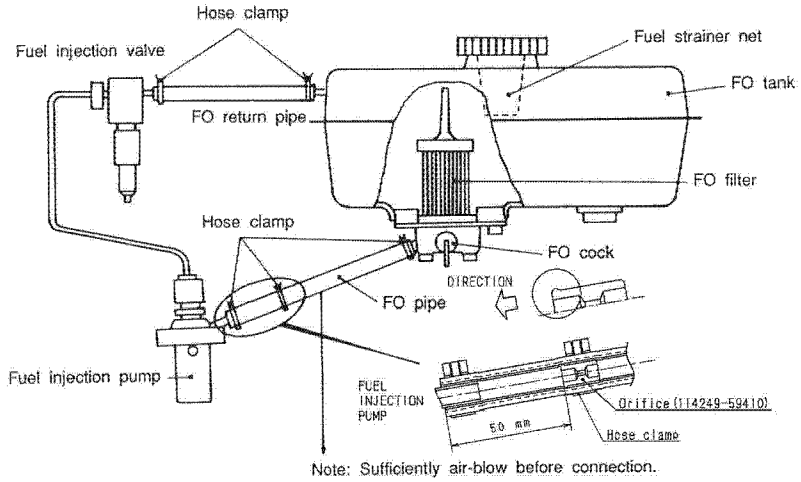
Install a throttle (piece) in the fuel pipe for automatic air venting.

Push it into the fuel pipe from the fuel injection pump entrance side and fasten with a clamp at a position 50 mm from the end.

Yanmar Part No.	114249-59410
Description	Orifice

4) Return Fuel Pipe

Use a nitrile rubber pipe with a 5 mm inner diameter.
Note : Be sure to clean the fuel pipe thoroughly when installing.



Note : When arranging locally for a different fuel tank other than that supplied optionally by Yanmar, please consult with Yanmar or read Application manual for L-series.

Optional Parts

System Symbol Index

System Code	System	Part Name	Part Group Code
Bm	Fuel System	Fuel oil tank	Bm-a
		Solenoid valve	Bm-b
		Fuel ingection pump	Bm-c
		Fuel feed pump	Bm-d
		Fuel filter	Bm-e
Cm	Lubricating System	Oil pressure switch	Cm-a
		LO drain, extension	Cm-b
Dm	Cooling System	Flywheel	Dm-a
		Fancase	Dm-b
		Eng cover	Dm-c
Em	Electric System	Air heater	Em-a
		Dynamo	Em-b
Fm	PTO	Crankshaft	Fm-a
Gm	Intake & Exhaust System	Air cleaner	Gm-a
		Intake bend	Gm-b
		Exhaust silencer	Gm-c
		Deflector	Gm-d
Hm	Starting System	Recoil starter	Hm-a
		Starting motor	Hm-b
		Key switch	Hm-c
		Planger, starting	Hm-d
Im	Speed Control System	Speed control device	Im-a
Km	Flange	Flange, tiller	Km-a
		Crank case cover	Km-b
Lm	Decomp.	Bonnet	Lm-a
		Remote decomp.	Lm-b

Bm - a Fuel Oil Tank

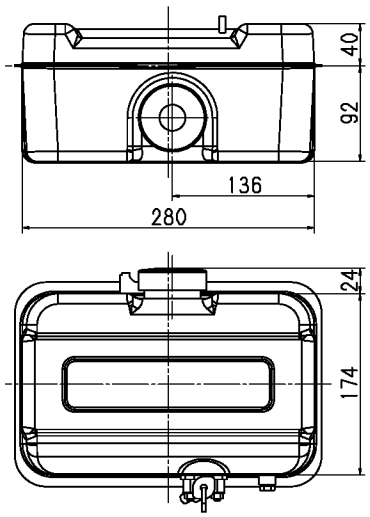
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
3	11429C-55010	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
7	11429C-55020	△	△	△	△	△	△	△	△	△	△	△		
9	183384-55011-10	△	△	△	△	△	△	△	△	△	△	△		
	None	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	11421C-55010	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
6	11421C-55020	△	△	△	△	△	△	△	△	△	△	△	△	△
9	183384-55011-10	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	11431C-55010	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
5	11431C-55020	△	△	△	△	△	△	△	△	△	△	△	△	△
9	183384-55011-10	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

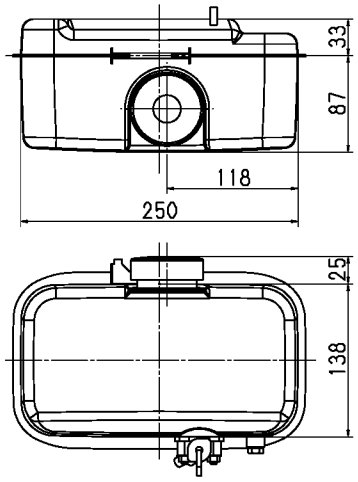
Bm - a Fuel Oil Tank

Bm - a	1
Applicable engine L100V L100N L100W	
Code No. 11431C-55010	
Fuel Oil Tank Standard for L100	



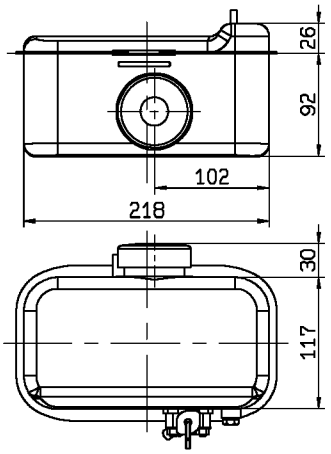
Ex) L-V○○○○○○(A,C)○
Tank Saty,A:114310-55210, Tank Stay,B:114210-55230
Capacity:5.4L, Color:Yanmar Black C

Bm - a	2
Applicable engine L70V L70N L70W	
Code No. 11421C-55010	
Fuel Oil Tank Standard for L70	



Ex) L-V○○○○○○(A,C)○
Tank Saty,A:114210-55210, Tank Stay,B:114210-55230
Capacity:3.3L, Color:Yanmar Black C

Bm - a	3
Applicable engine L48V L48N	
Code No. 11429C-55010	
Fuel Oil Tank Standard for L48	

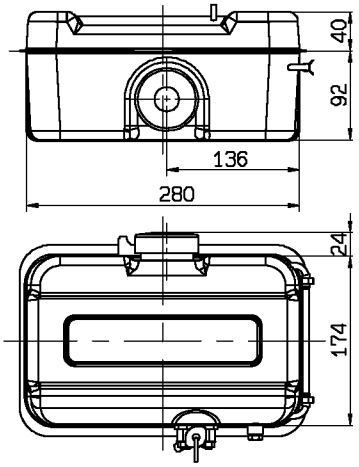


Ex) L-V○○○○○○(A,C)○
Tank Saty,A:114299-55210, Tank Stay,B:114299-55230
Capacity:2.4L, Color:Yanmar Black C

Bm - a Fuel Oil Tank

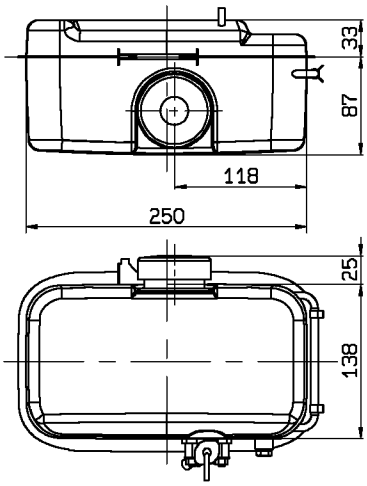
Bm - a	
Applicable engine	
Code No.	

Bm - a	5
Applicable engine L100V L100N L100W	
Code No. 11431C-55020	
Fuel Oil Tank w/ gauge for L100	



Ex) L-V○○○○○○(J,K)○
Tank Saty,A:114310-55210, Tank Stay,B:114210-55230
Capacity:5.4L, Color:Yanmar Black C

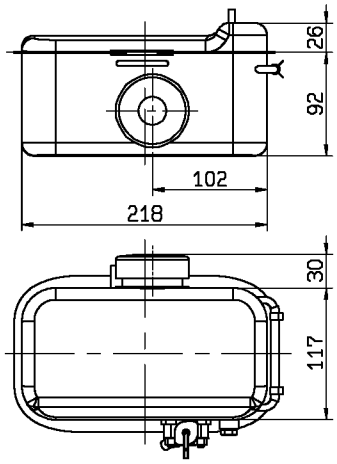
Bm - a	6
Applicable engine L70V L70N L70W	
Code No. 11421C-55020	
Fuel Oil Tank w/ gauge for L70	



Ex) L-V○○○○○○(J,K)○
Tank Saty,A:114210-55210, Tank Stay,B:114210-55230
Capacity:3.3L, Color:Yanmar Black C

Bm - a Fuel Oil Tank

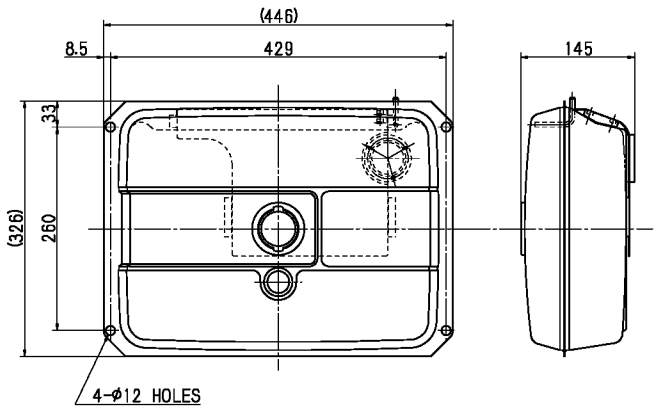
Bm - a	7
Applicable engine L48V L48N	
Code No. 11429C-55020	
Fuel Oil Tank w/ gauge for L48	



Ex) L-V○○○○○○(J,K)○
Tank Saty,A:114299-55210, Tank Stay,B:114299-55230
Capacity:2.4L, Color:Yanmar Black C

Bm - a	
Applicable engine	
Code No.	

Bm - a	9
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. 183384-55011-10	
Fuel Oil Tank (Loose part) FO tank for establish (13.5L)	



Ex) L-V○○○○○○○○(13)
Loose part
Capacity:13.5L, Color:Yanmar Red 2

Bm - a Fuel Oil Tank

Bm - a	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Ex) L-V○○○○○○(E,F,G,H,M)○

Bm - b Fuel Cut Valve

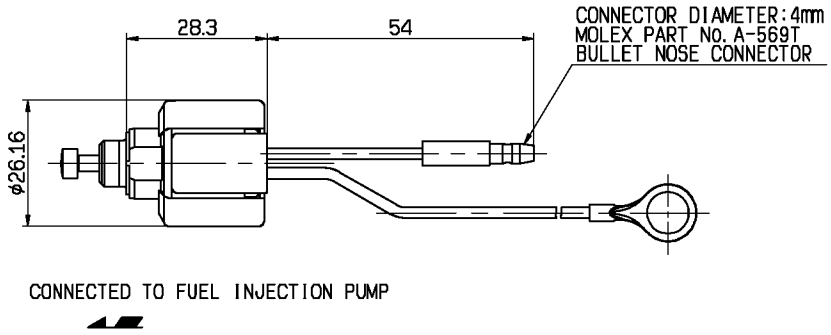
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
2	114110-76910	△	△	△	×	×	△	△	△	×	×	×		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	114110-76910	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	114110-76910	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Bm - b	
Applicable engine	
Code No.	

Bm - b	2
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. 114110-76910	
Fuel Cut Valve DC12V	



Ex) L-V○○○○○○(C,H,M)○
w/ special tank stay A (in case with tank)
w/ special FO pump

Bm - b	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Ex) L-V○○○○○○(A,B,E,J)○

Bm - c F/O Pump Joint

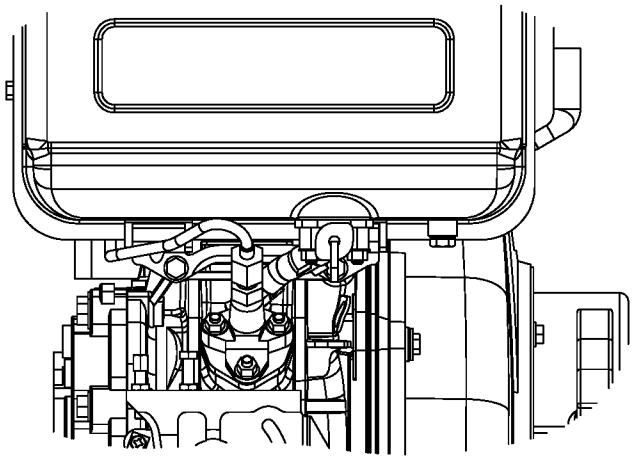
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	(Left 40deg)	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
2	(Right 60deg)	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	(Left 40deg)	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	(Right 60deg)	△	△	△	△	△	△	△	△	△	△	△	△	△

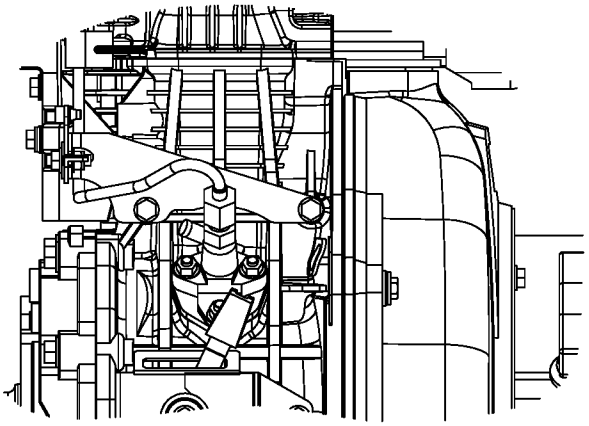
No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	(Left 40deg)	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	(Right 60deg)	△	△	△	△	△	△	△	△	△	△	△	△	△

Bm - c F/O Pump Joint

Bm - c	1
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. (Left 40deg)	
F/O Pump Joint Standard for all models	



Bm - c	2
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. (Right 60deg)	
F/O Pump Joint Another side type	



Not available for engine w/ Fuel tank

Bm - d Fuel feed pump

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	119225-52102	△	△	△	×	×	△	△	△	×	×	×		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	119225-52102	△	△	△	×	△	△	△	×	×	△	△	△	×
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	119225-52102	△	△	△	×	△	△	△	×	×	△	△	△	×
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Bm - d Fuel feed pump

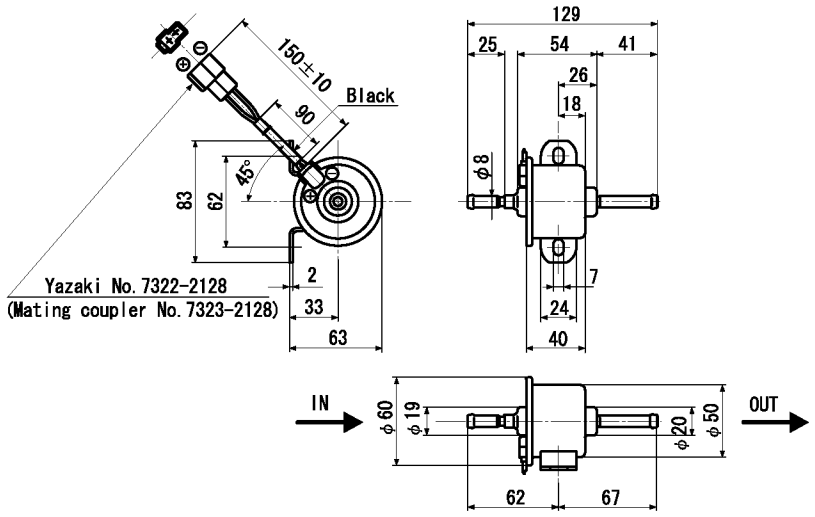
Bm - d	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
119225-52102

Fuel feed pump (Loose part)
DC12V



Ex) L-Vooooooooo(FP)
Loose part

Bm - d	

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
None

Nothing

Bm - e Fuel filter

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114250-55121	◎	◎	◎	×	×	◎	◎	◎	×	◎	×		
2	114239-55120	△	△	△	◎	◎	△	△	△	◎	△	◎		
	None	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114250-55121	◎	◎	◎	×	◎	◎	◎	×	◎	◎	◎	◎	×
2	114239-55120	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114250-55121	◎	◎	◎	×	◎	◎	◎	×	◎	◎	◎	◎	×
2	114239-55120	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

Bm - e Fuel filter

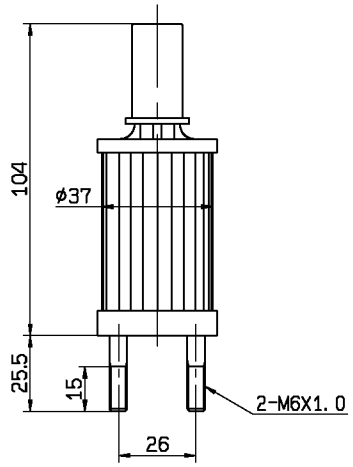
Bm - e	1

Applicable engine

L48V L100V
L48N L100N
L70V L100W
L70N
L70W

Code No.
114250-55121

Fuel filter
Size:5μ



Fuel cock:114240-55300(L-V/114250-55301(L-N

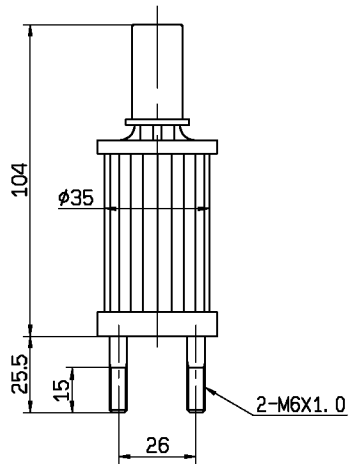
Bm - e	2

Applicable engine

L48V L100V
L48N L100N
L70V L100W
L70N
L70W

Code No.
114239-55120

Fuel filter
Size:3μ



Fuel cock:114240-55300(L-V/114250-55301(L-N

Bm - e	

Applicable engine

L48V L100V
L48N L100N
L70V L100W
L70N
L70W

Code No.
None

None

Nothing

Available for engine w/o F/O tank

Cm - a Oil Pressure Switch

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	D14280-39110	△	△	×	△	△	△	△	△	△	×	△		
2	D14210-39110	△	△	×	△	△	△	△	△	△	×	△		
3	D14685-39110	△	△	×	△	△	△	△	△	△	×	△		
4	D14399-39110	△	△	×	△	△	△	△	△	△	×	△		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14280-39110	△	△	△	△	△	△	△	△	×	△	△	△	△
2	D14210-39110	△	△	△	△	△	△	△	△	×	△	△	△	△
3	D14685-39110	△	△	△	△	△	△	△	△	×	△	△	△	△
4	D14399-39110	△	△	△	△	△	△	△	△	×	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14280-39110	△	△	△	△	△	△	△	△	△	△	△	△	△
2	D14210-39110	△	△	△	△	△	△	△	△	△	△	△	△	△
3	D14685-39110	△	△	△	△	△	△	△	△	△	△	△	△	△
4	D14399-39110	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Cm - a Oil Pressure Switch

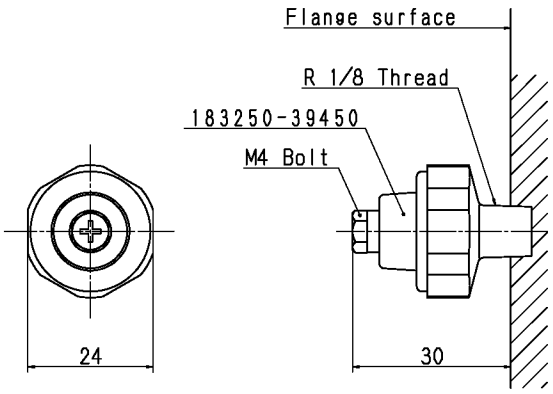
Cm - a	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14280-39110

Oil Pressure Switch 0.1MPa
Eyelet Terminal M4



Ex) L-Vooooooooo(S1)

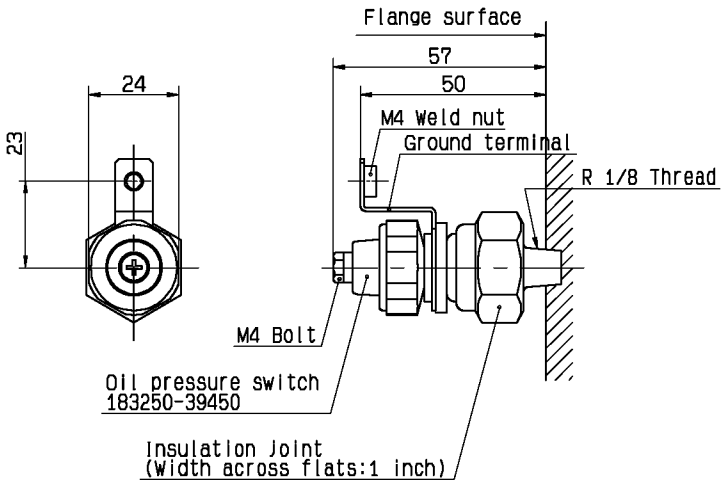
Cm - a	2

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14210-39110

Oil Pressure Switch 0.1MPa+w/Earth
Eyelet Terminal M4 w/ Earth



Ex) L-Vooooooooo(SG)

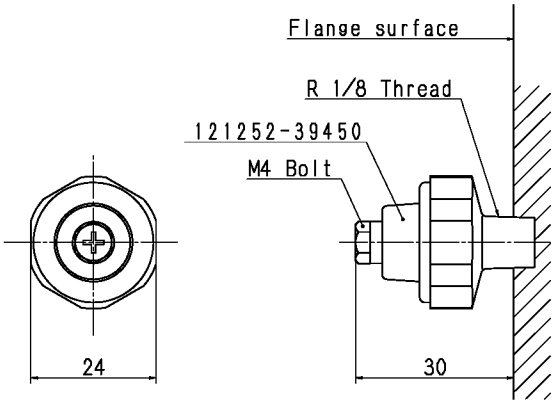
Cm - a	3

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14685-39110

Oil Pressure Switch 0.05MPa
Eyelet Terminal M4



Ex) L-Vooooooooo(S5)

Cm - a Oil Pressure Switch

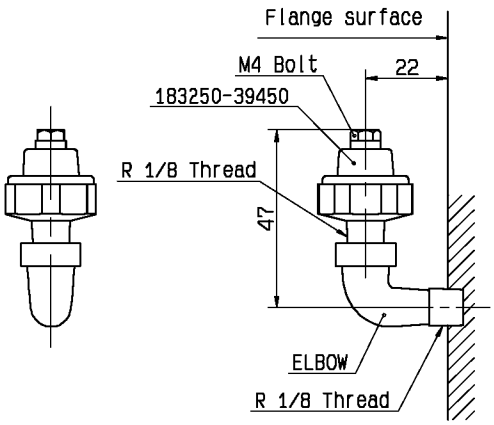
Cm - a	4

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14399-39110

Oil Pressure Switch 0.5kg+Elbow
Eyelet Terminal M4 w/ Elbow



Ex) L-Vooooooooo(S2)

Cm - a	

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
None

None

Nothing

Cm - b LO Drain, Extension

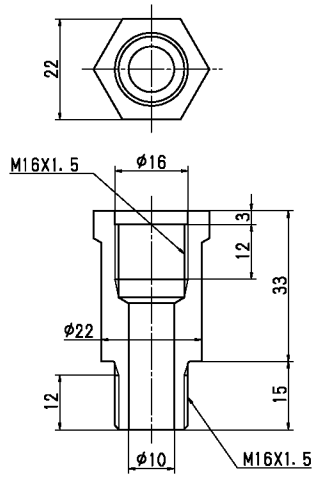
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	183279-08350	△	△	△	△	△	△	△	△	△	△	△		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	183279-08350	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	183279-08350	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Cm - b LO Drain, Extension

Cm - b	1
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. 183279-08350	
LO Drain, Extension (Loose part)	



Ex) L-V○○○○○○○○(LD)
Loose part

Cm - b	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	

Nothing

Dm - a Flywheel

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114299-21590	◎	◎	◎	◎	×	◎	◎	◎	◎	◎	×		
2	114299-21470	×	×	×	×	◎	×	×	×	×	×	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
4	114399-21590	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	114699-21600	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Dm - a Flywheel

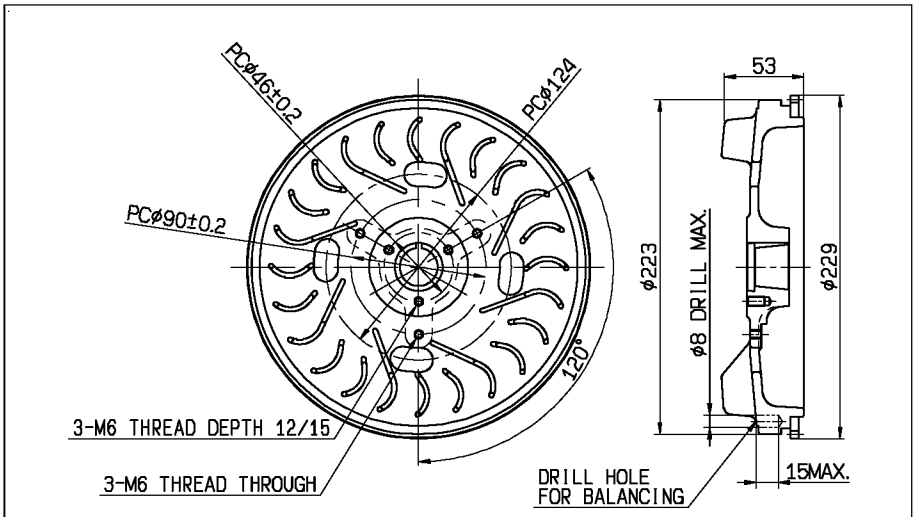
Dm - a	1

Applicable engine

L48V
L48N

Code No.
114299-21590

Flywheel
Standard



w/ Ring gear

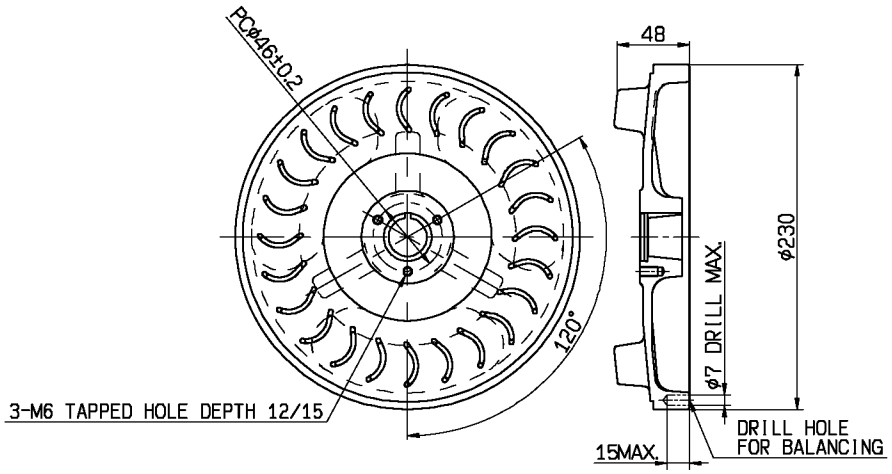
Dm - a	2

Applicable engine

L48V
L48N

Code No.
114299-21470

Flywheel
Standard for stamper



w/o Ring gear

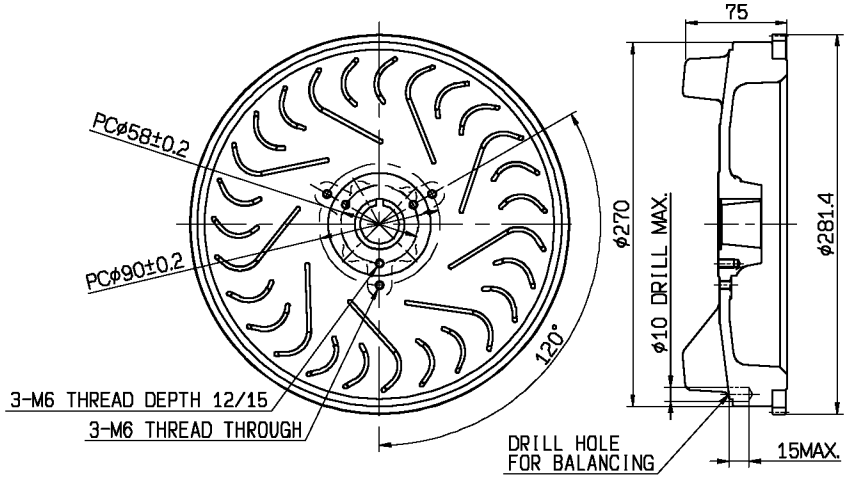
Dm - a	3

Applicable engine

L100V
L100N
L100W

Code No.
114699-21600

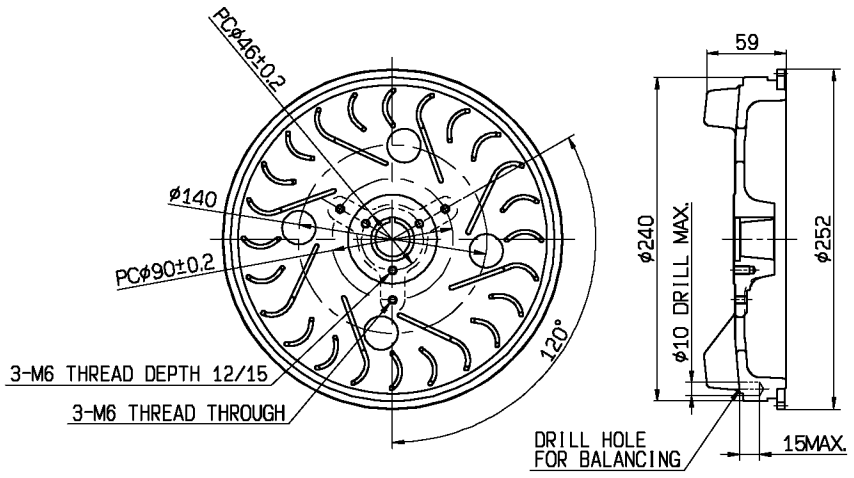
Flywheel
Standard



w/ Ring gear

Dm - a Flywheel

Dm - a	4
Applicable engine L70V L70N L70W	
Code No. 114399-21590	
Flywheel Standard	



w/ Ring gear

Dm - b Cooling Fan Case

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114295-45150	◎	◎	◎	◎	×	◎	◎	◎	◎	◎	×		
2	114110-45130	×	×	×	×	◎	×	×	×	×	×	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
4	114210-45150	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	114310-45150	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Dm - b Cooling Fan Case

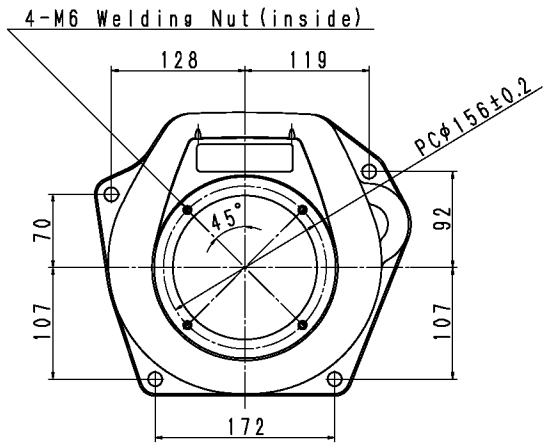
Dm - b	1

Applicable engine

L48V
L48N

Code No.
114295-45150

Cooling Fan Case
Standard



Ex) L-V○○○○○○○(A)
Color:Yanmar Italian Gray

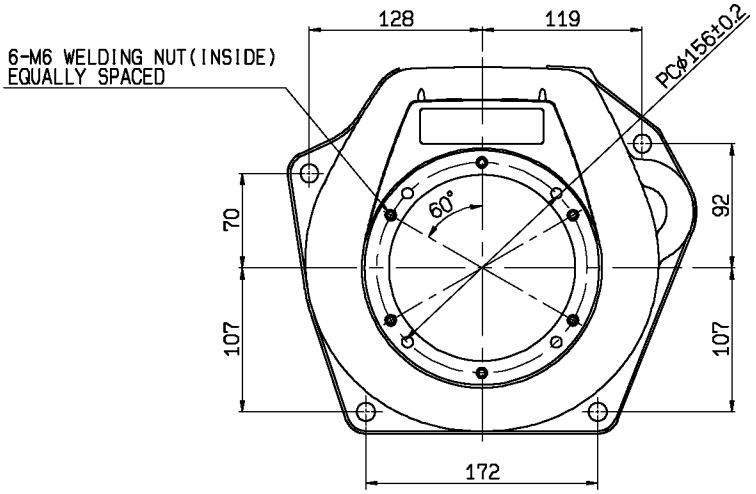
Dm - b	2

Applicable engine

L48V
L48N

Code No.
114110-45130

Cooling Fan Case
Strong type



Ex) L-V○○○○○○○(R)
Color:Yanmar Italian Gray

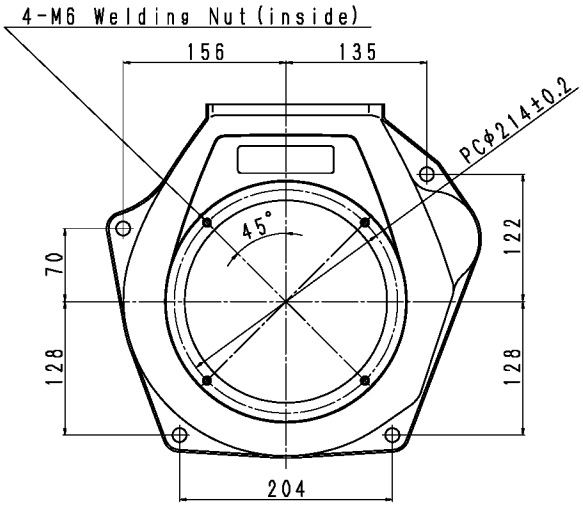
Dm - b	3

Applicable engine

L100V
L100N
L100W

Code No.
114310-45150

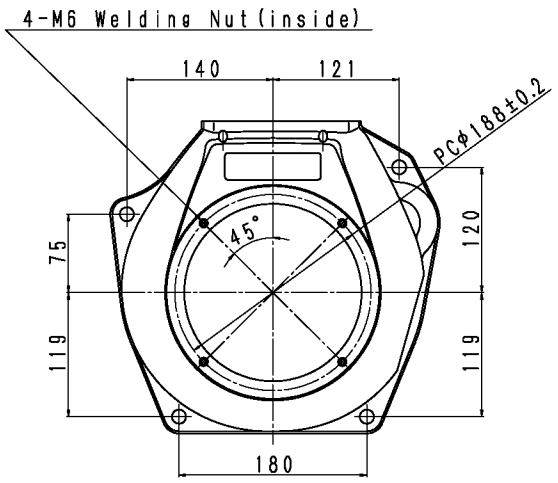
Cooling Fan Case
Standard



Ex) L-V○○○○○○○(A)
Color:Yanmar Italian Gray

Dm - b Cooling Fan Case

Dm - b	4
Applicable engine L70V L70N L70W	
Code No. 114210-45150	
Cooling Fan Case Standard	



Ex) L-V○○○○○○○(A)
Color:Yanmar Italian Gray

Dm - c Engine Cover

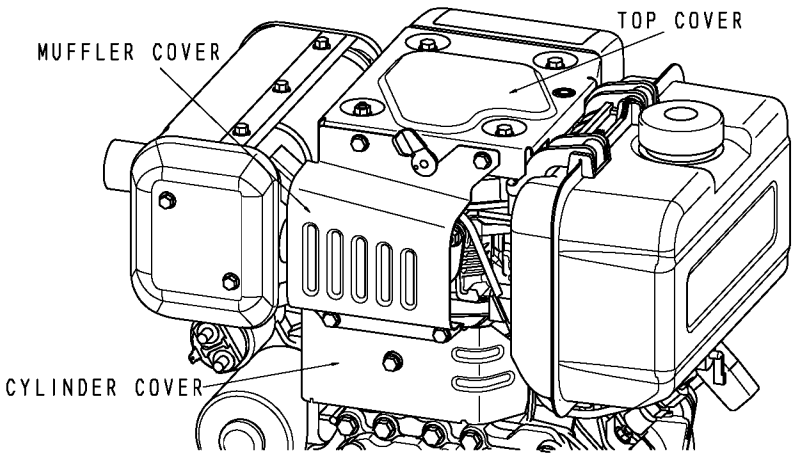
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
5	D14299-45100	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	D14210-45150(L-V) D14220-45150(L-N)	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	△	△
4	D14810-45110	△	△	△	△	△	△	△	△	△	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14310-45150(L-V) D14320-45150(L-N)	◎	◎	◎	◎	◎	◎	◎	◎	◎	△	△	△	△
2	D14910-45110	△	△	△	△	△	△	△	△	△	◎	◎	◎	◎

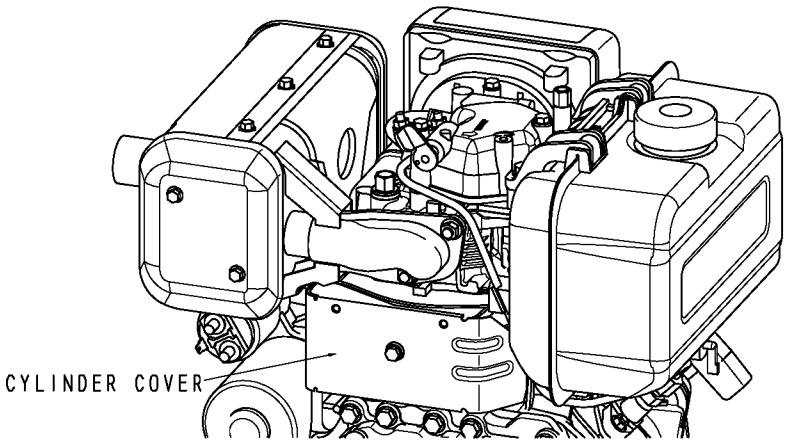
Dm - c Engine Cover

Dm - c	1
Applicable engine L100V L100N L100W	
Code No. D14310-45150(L-V D14320-45150(L-N	
Full Cover Standard	



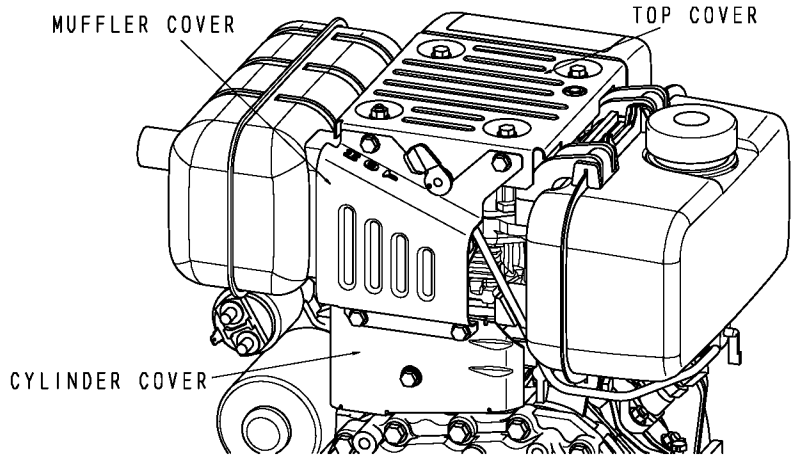
w/ STD air cleaner
Need lifting bolt in case of no tank
Color:Yanmar Black

Dm - c	2
Applicable engine L100V L100N L100W	
Code No. D14910-45110	
Cylinder Cover Only	



Available for any cleaner
Color:Yanmar Black

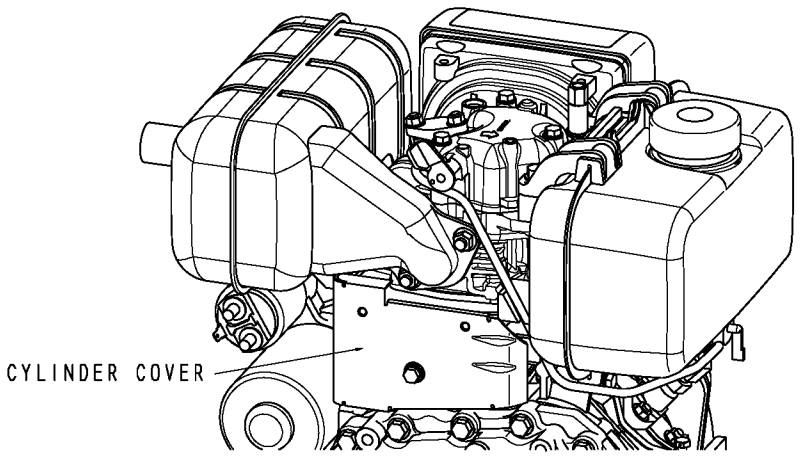
Dm - c	3
Applicable engine L70V L70N L70W	
Code No. D14210-45150(L-V D14220-45150(L-N	
Full Cover Standard	



w/ STD air cleaner
Need lifting bolt in case of no tank
Color:Yanmar Black

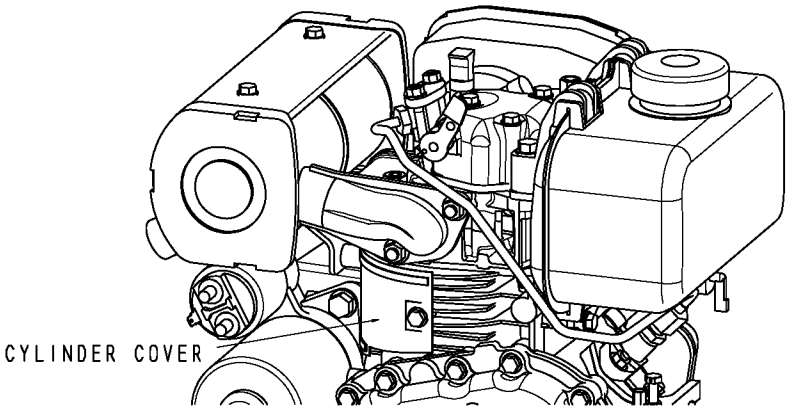
Dm - c Engine Cover

Dm - c	4
Applicable engine L70V L70N L70W	
Code No. D14810-45110	
Cylinder Cover Only	



Available for any cleaner
Color:Yanmar Black

Dm - c	5
Applicable engine L48V L48N	
Code No. D14299-45100	
Cylinder Cover Only Standard	



Color:Silver

Em - a Air Heater

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
3	D14299-77410	△	△	△	×	×	△	△	△	×	×	×		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	D14299-77410	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14310-77710	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Em - a Air Heater

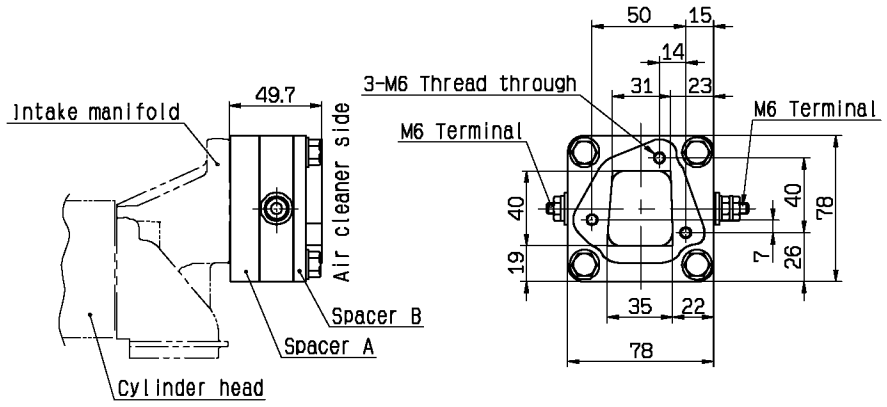
Em - a	1

Applicable engine

L100V
L100N
L100W

Code No.
D14310-77710

Air heater assy
Body earth type
(DC12V-400W)



Ex) L-V○○○○○○○○(AH)
Spacer A : 114310-12220, Spacer B : 114652-12230, Intake Manifold : 114310-12050
Not available for STD cleaner

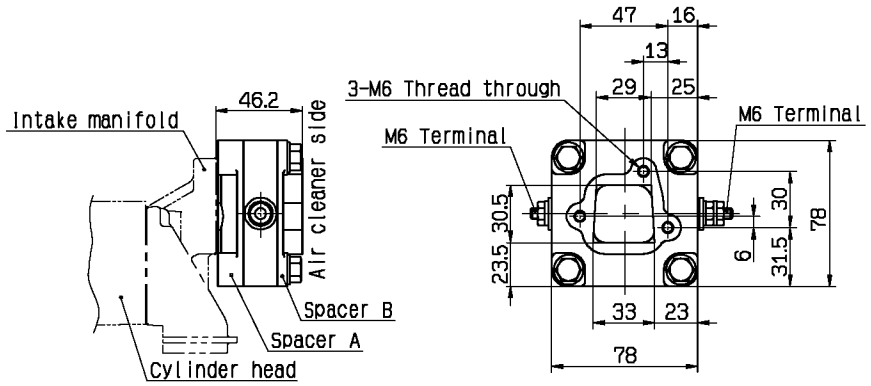
Em - a	2

Applicable engine

L70V
L70N
L70W

Code No.
D14299-77410

Air heater assy
Body earth type
(DC12V-400W)



Ex) L-V○○○○○○○○(AH)
Spacer A : 183375-77560, Spacer B : 183375-77570, Intake Manifold : 114210-12050
Not available for STD cleaner

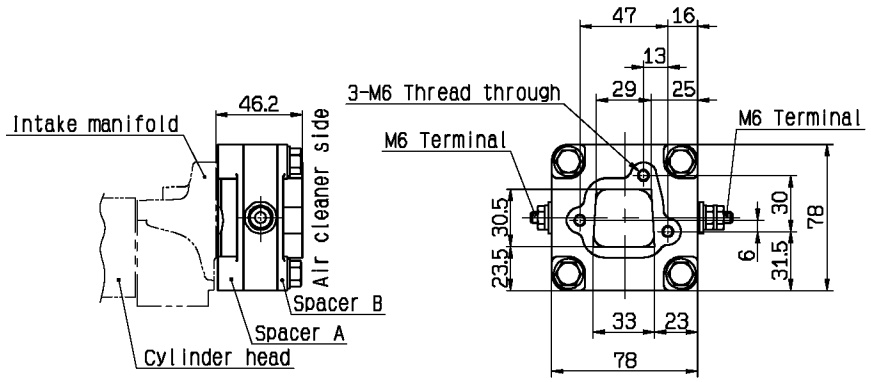
Em - a	3

Applicable engine

L48V
L48N

Code No.
D14299-77410

Air heater assy
Body earth type
(DC12V-400W)



Ex) L-V○○○○○○○○(AH)
Spacer A : 183375-77560, Spacer B : 183375-77570, Intake Manifold : 114771-12010

Em - a Air Heater

Em - a	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Em - b Dynamo

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114399-78260	◎	◎	◎	△	△	◎	◎	◎	△	△	△		
2	114399-78250	△	△	△	△	△	△	△	△	△	△	△		
3	114351-78261	△	△	△	△	△	△	△	△	△	△	△		
	None	△	△	△	◎	◎	△	△	△	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114399-78260	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	114399-78250	△	△	△	△	△	△	△	△	△	△	△	△	△
3	114351-78261	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114399-78260	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	114399-78250	△	△	△	△	△	△	△	△	△	△	△	△	△
3	114351-78261	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

Em - b Dynamo

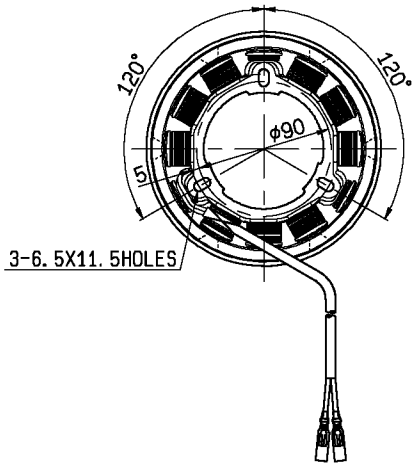
Em - b	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
114399-78260

Dynamo
Output: 12V-15A



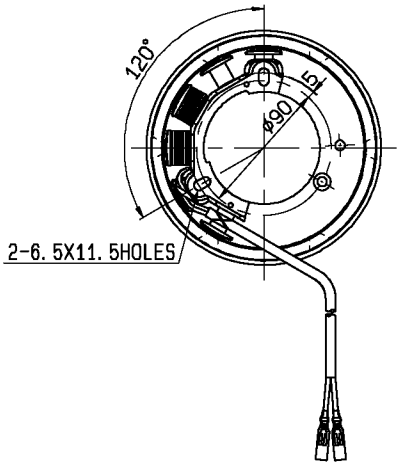
Em - b	2

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
114399-78250

Dynamo
Output 12V-1A



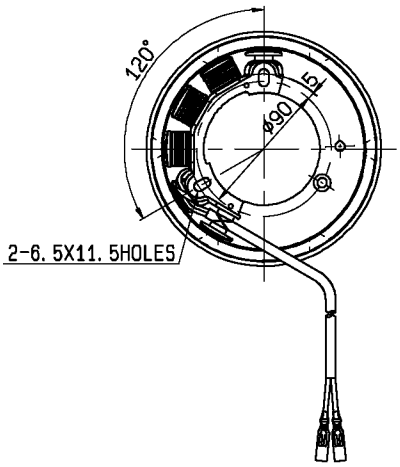
Em - b	3

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
114351-78261

Dynamo
Output 12V-3A



Em - b Dynamo

Em - b	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Fm - a Crank Shaft

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
9	11429C-21050	◎	△	△	△	△	◎	△	△	△	△	△		
10	114777-21010	△	◎	△	△	△	△	◎	△	△	△	△		
11	11429C-21060	△	△	◎	△	△	△	△	◎	△	△	△		
12	11429C-21040	△	△	△	△	◎	△	△	△	△	△	◎		
13	114779-21010	△	△	△	△	△	△	△	△	△	△	△		
18	114772-21010	△	△	△	◎	△	△	△	△	◎	△	△		
19	114778-21010	△	△	△	△	△	△	△	△	△	◎	△		
21	114773-21010	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
5	11421C-21030	◎	△	△	△	◎	△	△	△	△	◎	△	△	△
6	11421C-21040	△	◎	△	△	△	◎	△	△	△	△	◎	△	△
7	114210-21050	△	△	◎	△	△	△	◎	△	△	△	△	◎	△
8	11421C-21010	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
16	11421C-21020	△	△	△	△	△	△	△	△	△	△	△	△	△
17	114210-21060	△	△	△	△	△	△	△	△	◎	△	△	△	△
20	114210-21070	△	△	△	△	△	△	△	△	△	△	△	△	△
23	114210-21080	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	11431C-21030	◎	△	△	△	◎	△	△	△	△	◎	△	△	△
2	11431C-21040	△	◎	△	△	△	◎	△	△	△	△	◎	△	△
3	11431C-21050	△	△	◎	△	△	△	◎	△	△	△	△	◎	△
4	11431C-21010	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
14	11431C-21020	△	△	△	△	△	△	△	△	△	△	△	△	△
15	11431C-21060	△	△	△	△	△	△	△	△	◎	△	△	△	△
22	11431C-21070	△	△	△	△	△	△	△	△	△	△	△	△	△

Fm - a Crank Shaft

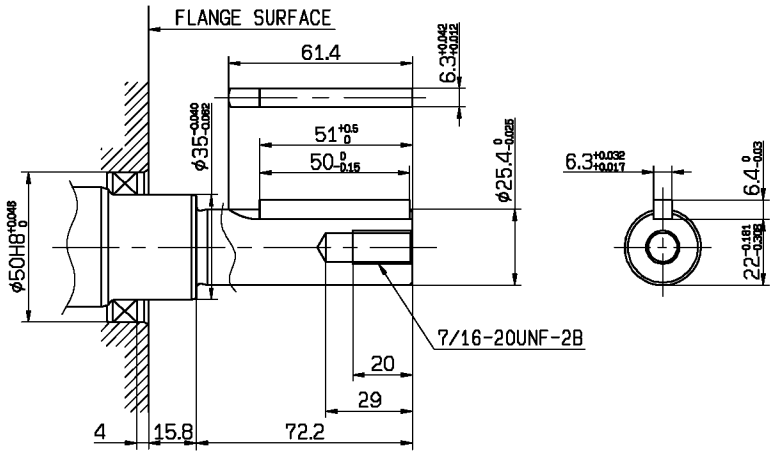
Fm - a	1

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21030

Crank Shaft, E-D
Standard for general(inch



Ex) L-V○(C)○○○○○○

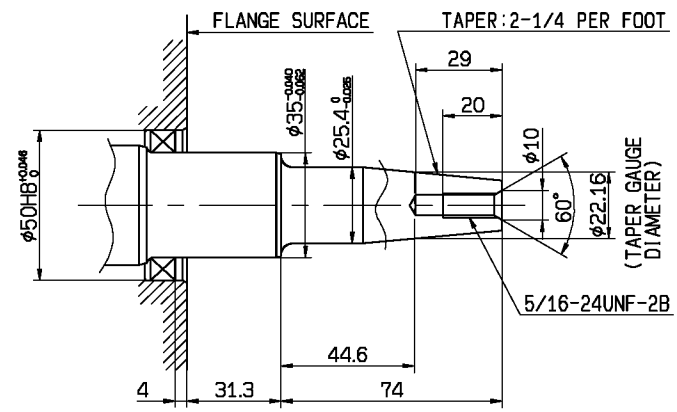
Fm - a	2

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21040

Crank Shaft, E-DG
Standard for generator(inch



Ex) L-V○(E)○○○○○○

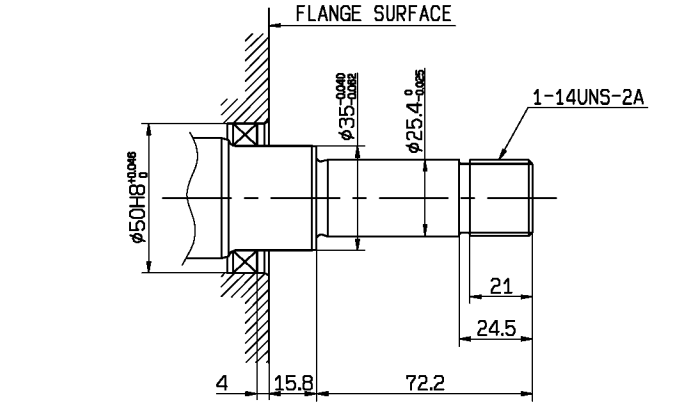
Fm - a	3

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21050

Crank Shaft, E-DP
Standard for water pump



Ex) L-V○(D)○○○○○○

Fm - a Crank Shaft

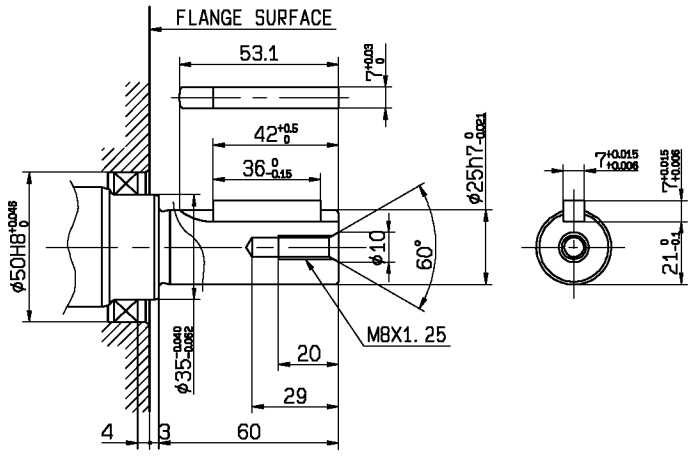
Fm - a	4

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21010

Crank Shaft, D
Standard for general(mm



Ex) L-V○(A)○○○○○○

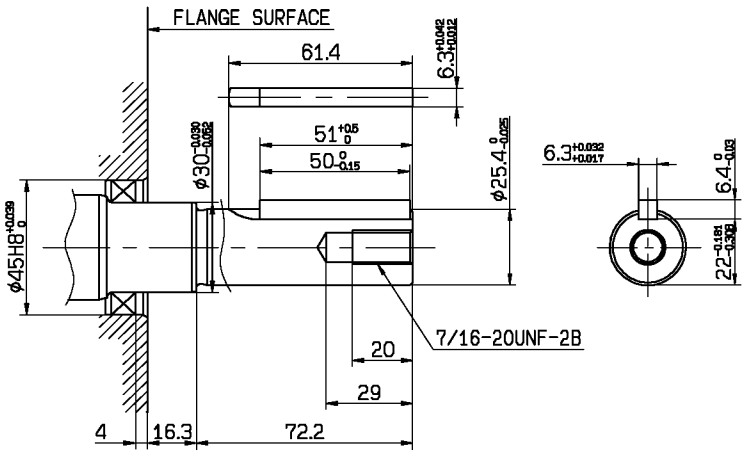
Fm - a	5

Applicable engine

L70V
L70N
L70W

Code No.
11421C-21030

Crank Shaft, E-D
Standard for general(inch



Ex) L-V○(C)○○○○○○

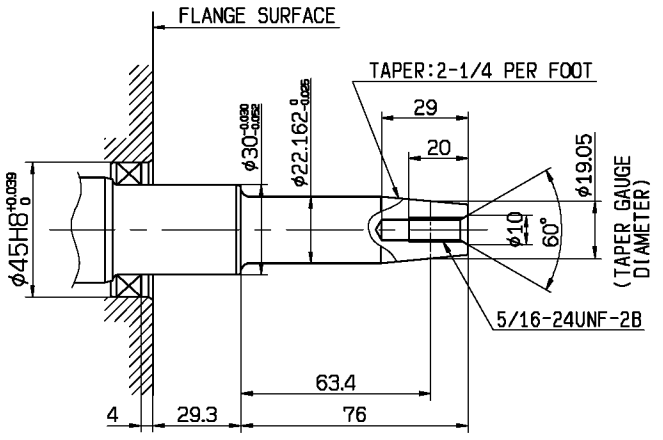
Fm - a	6

Applicable engine

L70V
L70N
L70W

Code No.
11421C-21040

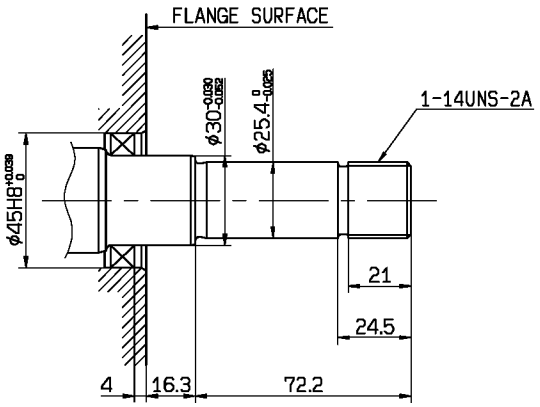
Crank Shaft, E-DG
Standard for generator(inch



Ex) L-V○(E)○○○○○○

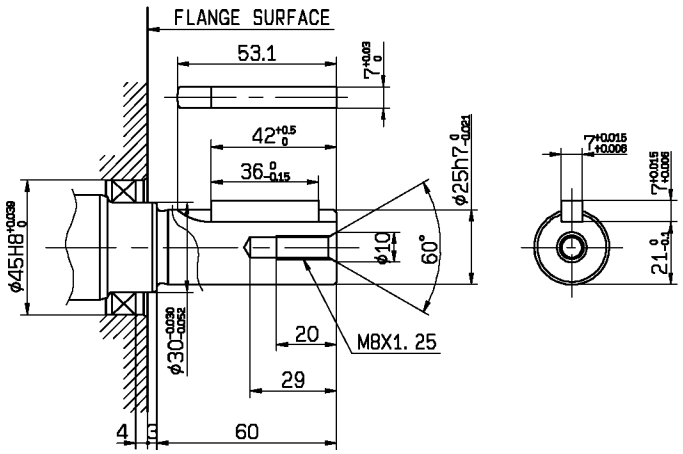
Fm - a Crank Shaft

Fm - a	7
Applicable engine L70V L70N L70W	
Code No. 114210-21050	
Crank Shaft, E-DP Standard for water pump	



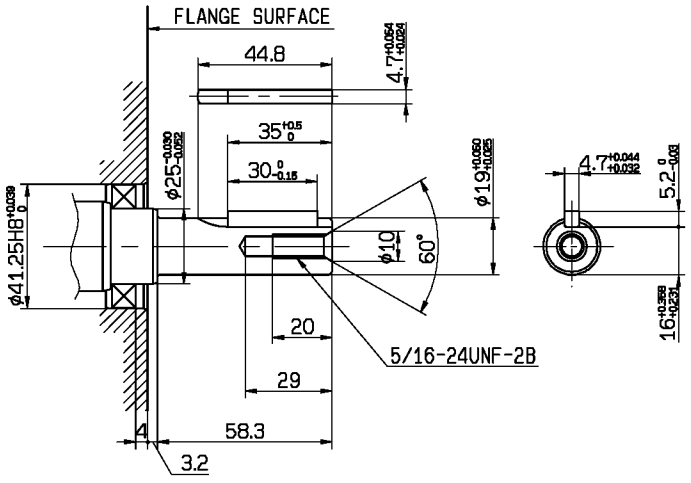
Ex) L-V○(D)○○○○○○

Fm - a	8
Applicable engine L70V L70N L70W	
Code No. 11421C-21010	
Crank Shaft, D Standard for general(mm	



Ex) L-V○(A)○○○○○○

Fm - a	9
Applicable engine L48V L48N	
Code No. 11429C-21050	
Crank Shaft, E-D Standard for general(inch	



Ex) L-V○(C)○○○○○○

Fm - a Crank Shaft

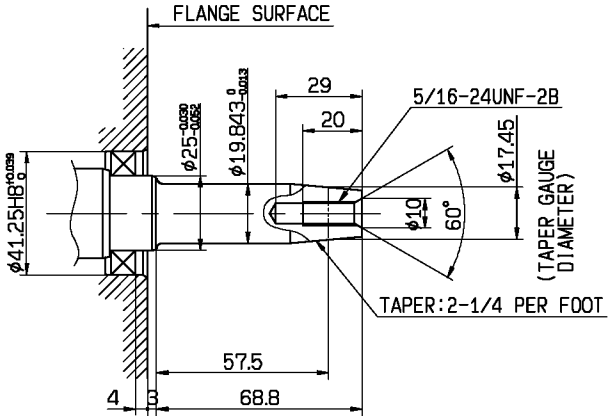
Fm - a	10

Applicable engine

L48V
L48N

Code No.
114777-21010

Crank Shaft, E-DG
Standard for generator(inch



Ex) L-V○(E)○○○○○○

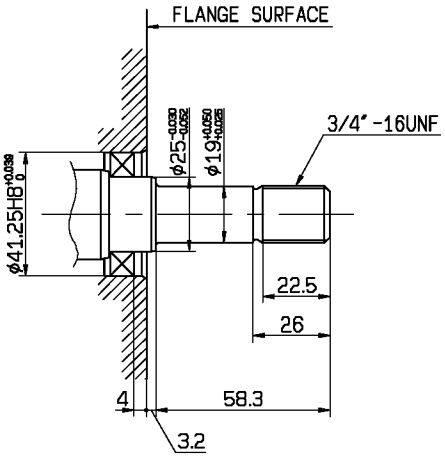
Fm - a	11

Applicable engine

L48V
L48N

Code No.
11429C-21060

Crank Shaft, E-DP
Standard for water pump



Ex) L-V○(D)○○○○○○

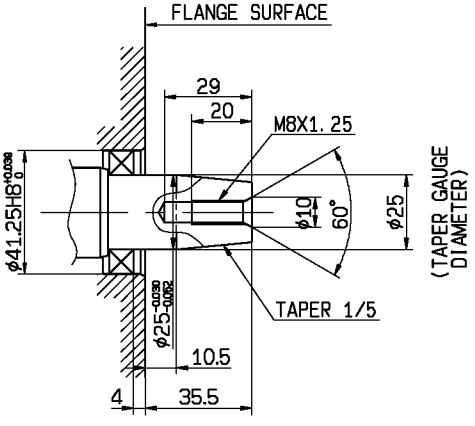
Fm - a	12

Applicable engine

L48V
L48N

Code No.
11429C-21040

Crank Shaft, DG
Standard for generator(mm



Ex) L-V○(B,K)○○○○○○

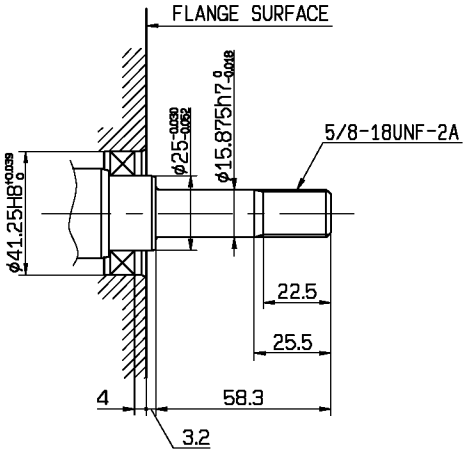
Fm - a	13

Applicable engine

L48V
L48N

Code No.
114779-21010

Crank Shaft, E-DP5
For water pump



Ex) L-V○(M)○○○○○○

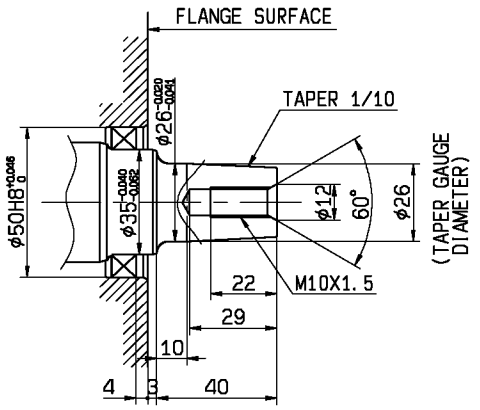
Fm - a	14

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21020

Crank Shaft, DG
Standard for generator(mm



Ex) L-V○(B)○○○○○○

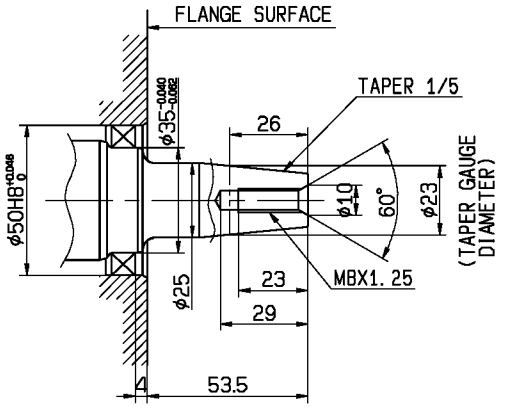
Fm - a	15

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21060

Crank Shaft, E-DI
For tiller



Ex) L-V○(F)○○○○○○

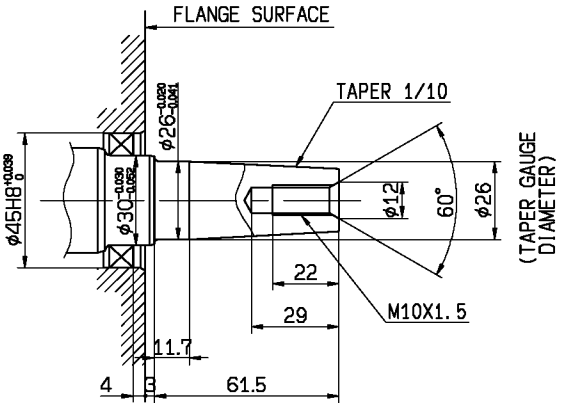
Fm - a	16

Applicable engine

L70V
L70N
L70W

Code No.
11421C-21020

Crank Shaft, DG
Standard for generator(mm



Ex) L-V○(H)○○○○○○

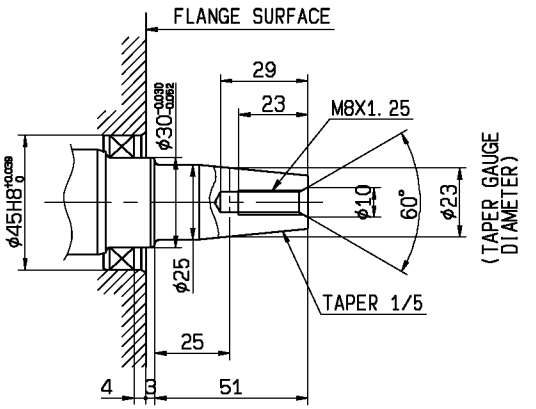
Fm - a	17

Applicable engine

L70V
L70N
L70W

Code No.
114210-21060

Crank Shaft, E-DI
For tiller



Ex) L-V○(F)○○○○○○

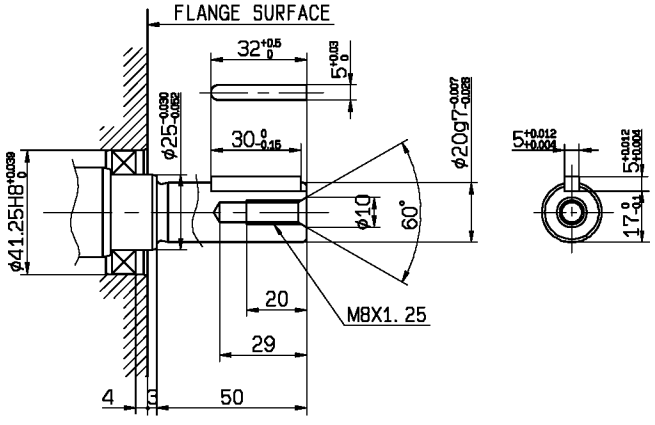
Fm - a	18

Applicable engine

L48V
L48N

Code No.
114772-21010

Crank Shaft, D
Standard for general(mm



Ex) L-V○(A)○○○○○○

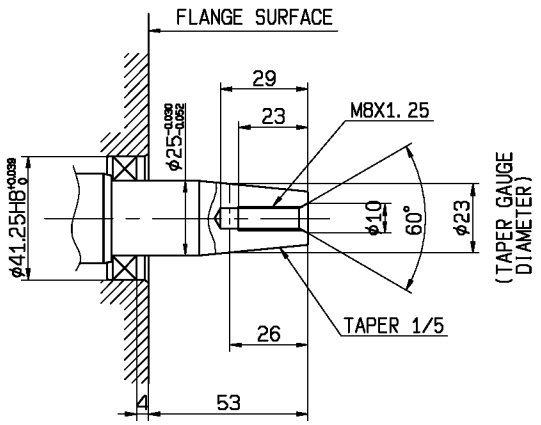
Fm - a	19

Applicable engine

L48V
L48N

Code No.
114778-21010

Crank Shaft, E-DI
For tiller



Ex) L-V○(F)○○○○○○

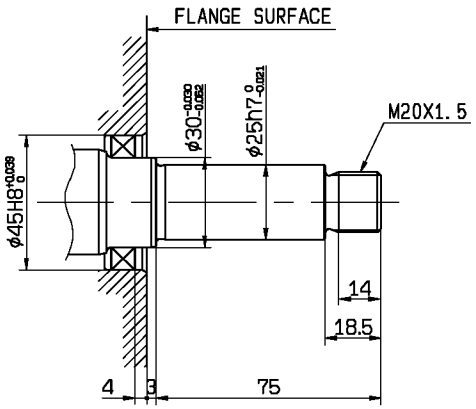
Fm - a	20

Applicable engine

L70V
L70N
L70W

Code No.
114210-21070

Crank Shaft, DP
For water pump



Ex) L-V○(P,Q)○○○○○○

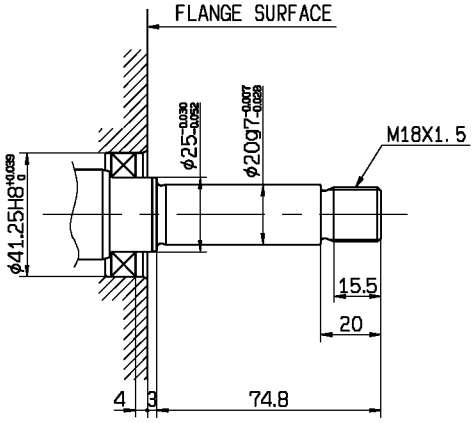
Fm - a	21

Applicable engine

L48V
L48N

Code No.
114773-21010

Crank Shaft, DP
For water pump



Ex) L-V○(P)○○○○○○

Fm - a Crank Shaft

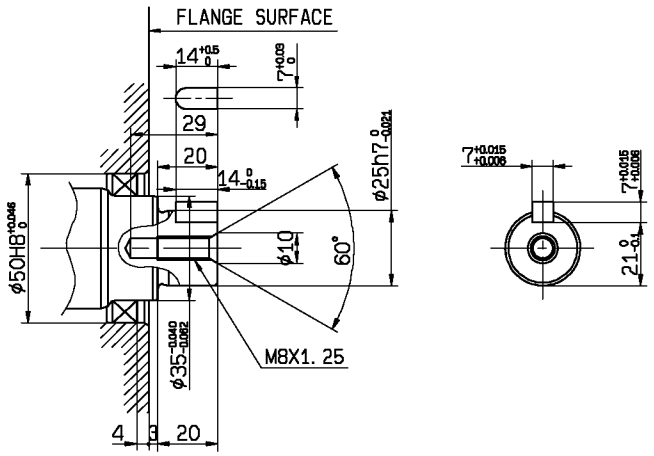
Fm - a	22

Applicable engine

L100V
L100N
L100W

Code No.
11431C-21070

Crank Shaft, E-DEPAC
For V-machine



Ex) L-V○(N)○○○○○○

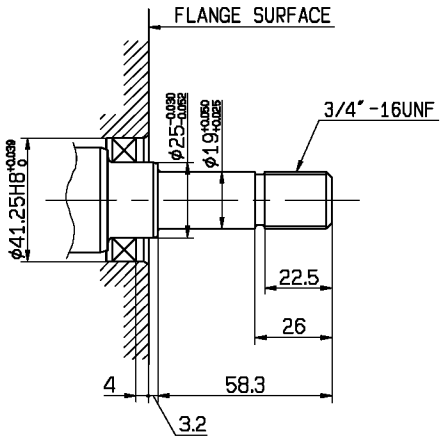
Fm - a	23

Applicable engine

L70V
L70N
L70W

Code No.
114210-21080

Crank Shaft, E-DAPTM
For water pump



Ex) L-V○(T)○○○○○○
Cover,crankcase:114210-01470 only

Gm - a Air Cleaner

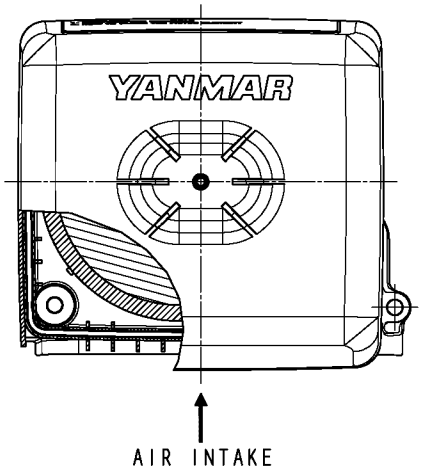
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
4	183382-12510	△	△	△	△	△	△	△	△	△	△	△		
5	114250-12570	◎	◎	◎	△	△	◎	◎	◎	△	◎	△		
7	114288-12511	×	×	×	◎	△	×	×	×	◎	×	△		
19	114250-12970	△	△	△	△	△	△	△	△	△	△	△		
	None	△	△	△	△	△	△	△	△	△	△	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	114210-12511	◎	◎	◎	△	◎	◎	◎	△	◎	◎	◎	◎	△
10	114220-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
11	114240-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
14	D14220-12900	△	△	△	△	△	△	△	△	△	△	△	△	△
15	D14220-12910	△	△	△	△	△	△	△	△	△	△	△	△	△
16	114239-12900	△	△	△	△	△	△	△	△	△	△	△	△	△
18	183366-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
19	114250-12970	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114310-12511	◎	◎	◎	△	◎	◎	◎	△	◎	◎	◎	◎	△
2	183671-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
8	114320-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
9	114340-12510	△	△	△	△	△	△	△	△	△	△	△	△	△
12	D14320-12900	×	×	×	×	△	△	△	△	△	×	×	×	×
13	D14320-12910	×	×	×	×	△	△	△	△	△	×	×	×	×
16	114239-12900	×	×	×	×	△	△	△	△	△	×	×	×	×
17	114340-12560	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

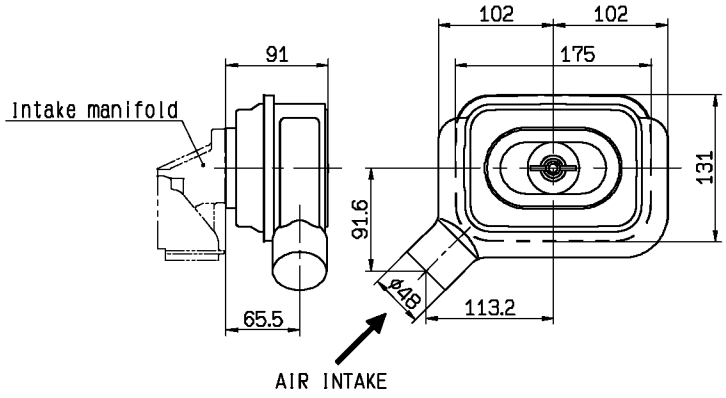
Gm - a Air Cleaner

Gm - a	1
Applicable engine L100V L100N L100W	
Code No. 114310-12511	
Air Cleaner Standard	



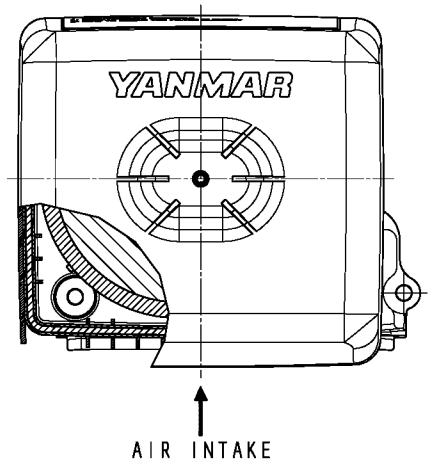
Ex) L-V○○○(1)○○○○
Element:Paper(Dry

Gm - a	2
Applicable engine L100V L100N L100W	
Code No. 183671-12510	
Air Cleaner	



Ex) L-V○○○(2)○○○○
Notice:Not available for TOP cover
Element:Paper(Wet

Gm - a	3
Applicable engine L70V L70N L70W	
Code No. 114210-12511	
Air Cleaner Standard	



Ex) L-V○○○(1)○○○○
Element:Paper(Dry

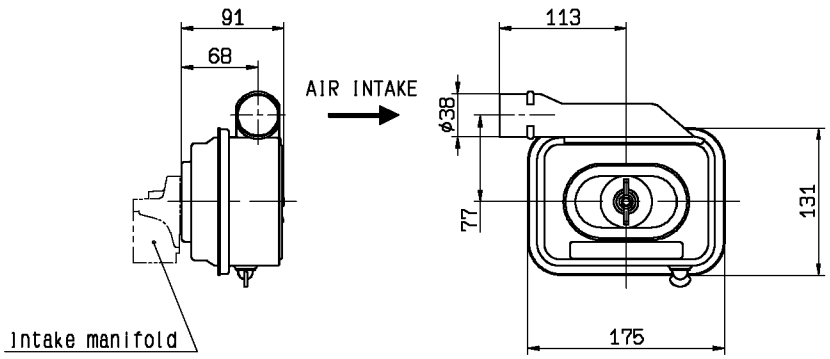
Gm - a	4

Applicable engine

L48V
L48N

Code No.
183382-12510

Air Cleaner
For L48



Ex) L-V○○○(5)○○○○
Element:Paper(Wet

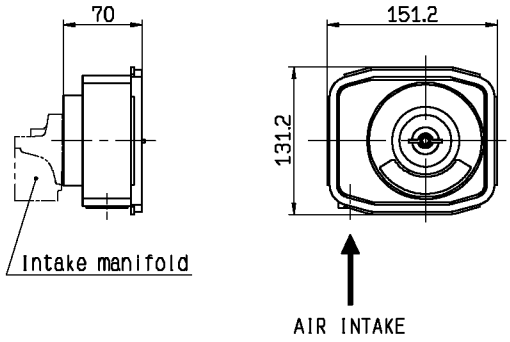
Gm - a	5

Applicable engine

L48V
L48N

Code No.
114250-12570

Air Cleaner
Standard



Ex) L-V○○○(1)○○○○
Element:Paper(Wet

Gm - a	

Applicable engine

Code No.

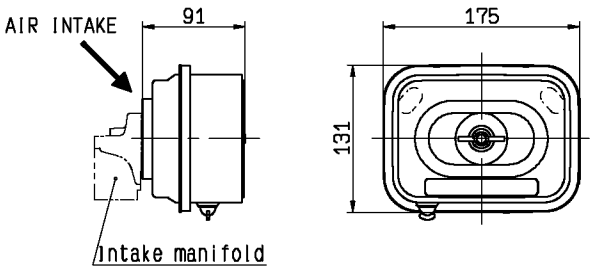
Gm - a	7

Applicable engine

L48V
L48N

Code No.
114288-12511

Air Cleaner
Standard for V-machine



Ex) L-N○○○(3)○○○○
Element:Paper(Wet

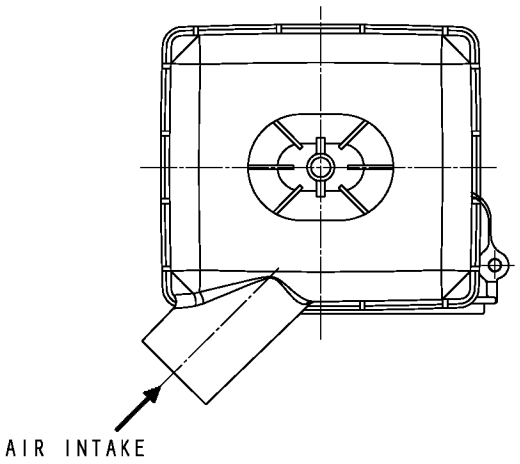
Gm - a	8

Applicable engine

L100V
L100N
L100W

Code No.
114320-12510

Air Cleaner
Piping type:left side down



Ex) L-V○○○(8)○○○○
Element:Paper(Dry
Cover, Air Cleaner:114239-12520

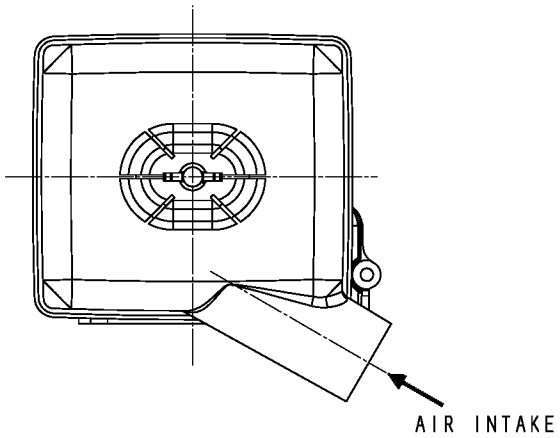
Gm - a	9

Applicable engine

L100V
L100N
L100W

Code No.
114340-12510

Air Cleaner
Piping type:right side down



Ex) L-V○○○(7)○○○○
Element:Paper(Dry
Cover, Air Cleaner:114240-12520

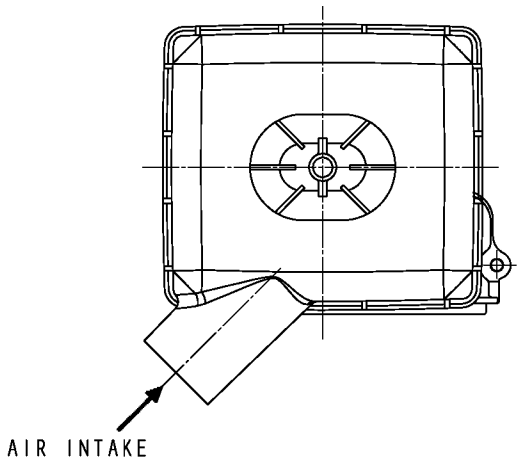
Gm - a	10

Applicable engine

L70V
L70N
L70W

Code No.
114220-12510

Air Cleaner
Piping type:left side down



Ex) L-V○○○(8)○○○○
Element:Paper(Dry
Cover, Air Cleaner:114239-12520

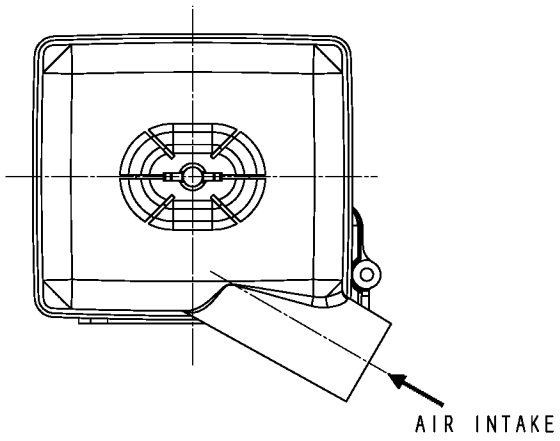
Gm - a	11

Applicable engine

L70V
L70N
L70W

Code No.
114240-12510

Air Cleaner
Piping type:right side down



Ex) L-V○○○(7)○○○○
Element:Paper(Dry
Cover, Air Cleaner:114240-12520

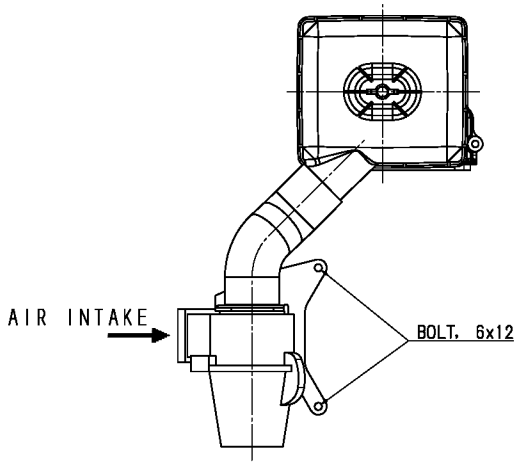
Gm - a	12

Applicable engine

L100N

Code No.
D14320-12900

Air Cleaner + Pre-cleaner
Piping type:left side down with pre-cleaner
Do not apply to L100V, W



Ex) L-N○○○(8)○○○○(PC)
Element:Paper(Dry
Stay, Pre-cleaner:114339-12960. Pipe, Pre-cleaner:114339-12970

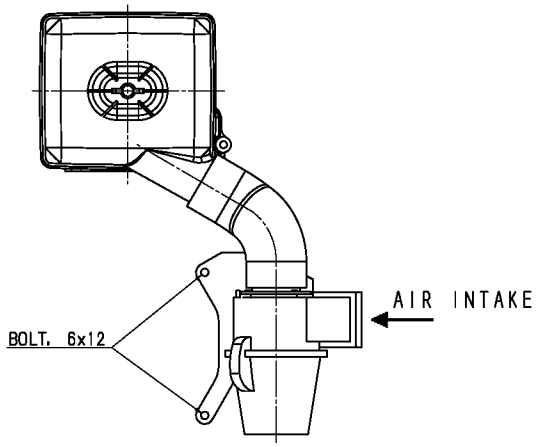
Gm - a	13

Applicable engine

L100N

Code No.
D14320-12910

Air Cleaner + Pre-cleaner
Piping type:right side down with pre-cleaner
Do not apply to L100V, W



Ex) L-N○○○(7)○○○○(PC)
Element:Paper(Dry
Stay, Pre-cleaner:114340-12960. Pipe, Pre-cleaner:114340-12970

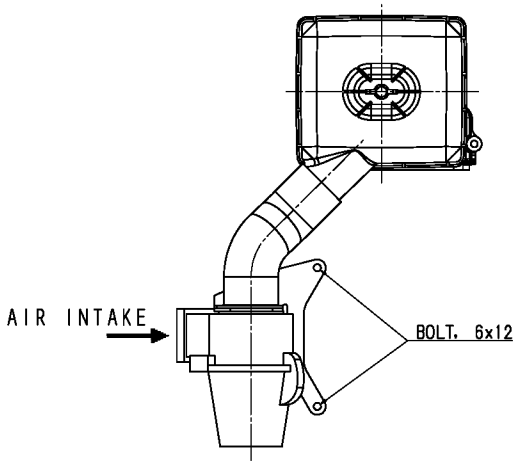
Gm - a	14

Applicable engine

L70V
L70N
L70W

Code No.
D14220-12900

Air Cleaner + Pre-cleaner
Piping type:left side down with pre-cleaner



Ex) L-V○○○(8)○○○○(PC)
Element:Paper(Dry
Stay, Pre-cleaner:114239-12960. Pipe, Pre-cleaner:114239-12970

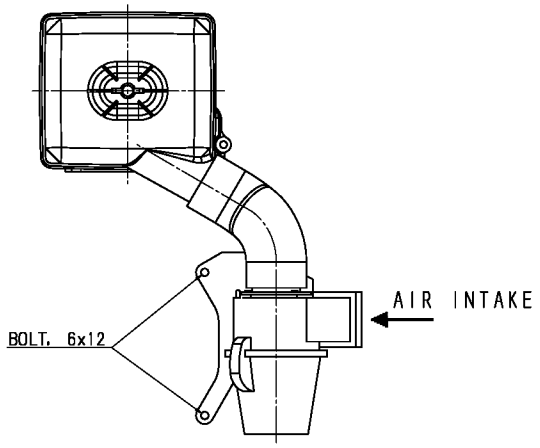
Gm - a	15

Applicable engine

L70V
L70N
L70W

Code No.
D14220-12910

Air Cleaner + Pre-cleaner
Piping type:right side down with pre-cleaner



Ex) L-V○○○(7)○○○○(PC)
Element:Paper(Dry
Stay, Pre-cleaner:114240-12960. Pipe, Pre-cleaner:114240-12970

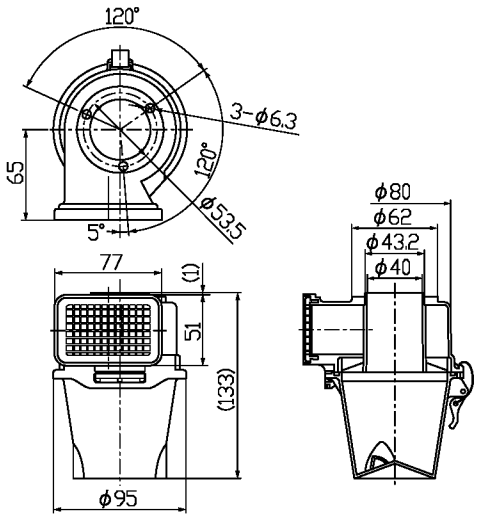
Gm - a	16

Applicable engine

L70V
L70N
L70W
L100N

Code No.
114239-12900

Pre-cleaner
Loose parts
Do not apply to L100V



Loose part
Cyclone type

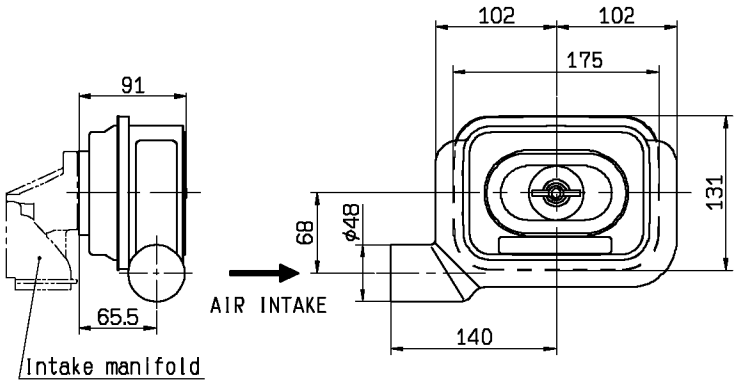
Gm - a	17

Applicable engine

L100V
L100N
L100W

Code No.
114340-12560

Air Cleaner
Piping type



Ex) L-N○○○(0)○○○○○
Element:Paper(Wet

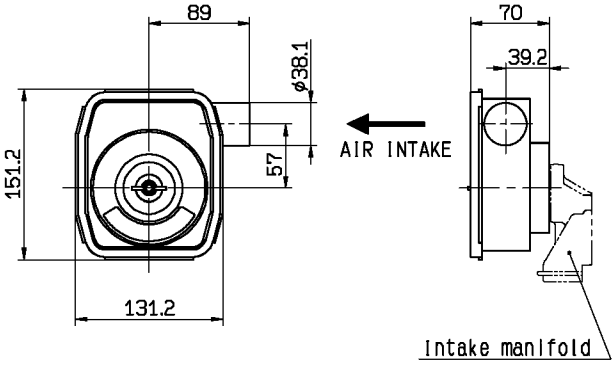
Gm - a	18

Applicable engine

L70V
L70N
L70W

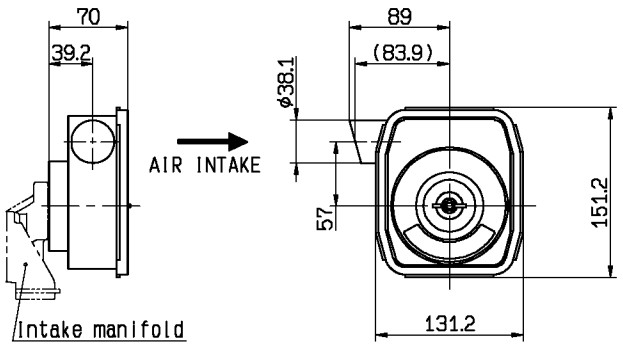
Code No.
183366-12510

Air Cleaner
For special



Ex) L-V○○○(4)○○○○
Element:Paper(Wet

Gm - a	19
Applicable engine L48V L48N L70V L70N L70W	
Code No. 114250-12970	
Air Cleaner For special	



Ex) L-V○○○(0)○○○○
Element:Paper(Wet

Gm - a	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Ex) L-V○○○(9)○○○○
If L70 and L100 don't have air cleaner, intake manifold must be equipped.

Gm - b Intake Manifold

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
3	114772-12010	×	×	×	×	◎	×	×	×	×	×	◎		
4	114771-12010	◎	◎	◎	◎	×	◎	◎	◎	◎	◎	×		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	114210-12050	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114310-12050	△	△	△	△	△	△	△	△	△	△	△	△	△

Gm - b Intake Manifold

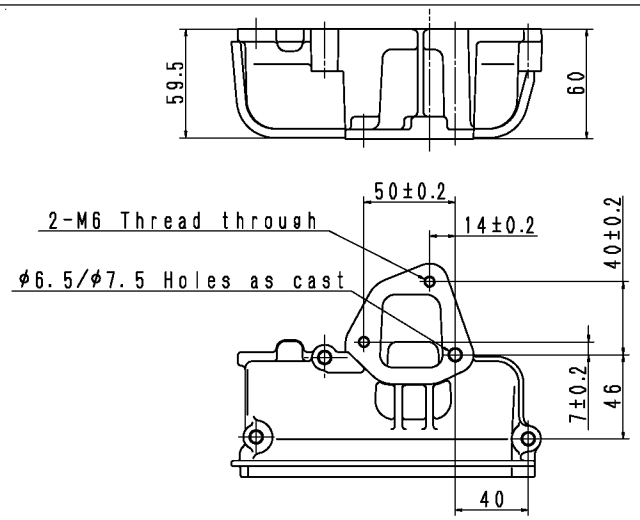
Gm - b	1

Applicable engine

L100V
L100N
L100W

Code No.
114310-12050

Intake Manifold
For w/o standard air cleaner



Ex) L-V○○○(9)○○○○
w/o Air Cleaner, Top & Muffler cover

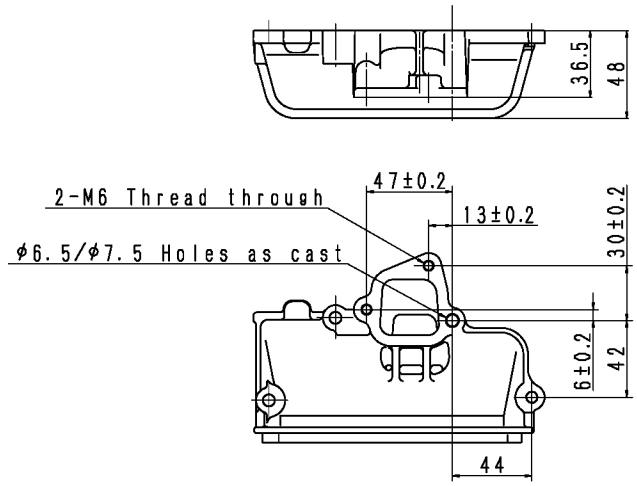
Gm - b	2

Applicable engine

L70V
L70N
L70W

Code No.
114210-12050

Intake Manifold
For w/o standard air cleaner



Ex) L-V○○○(9)○○○○
w/o Air Cleaner, Top & Muffler cover

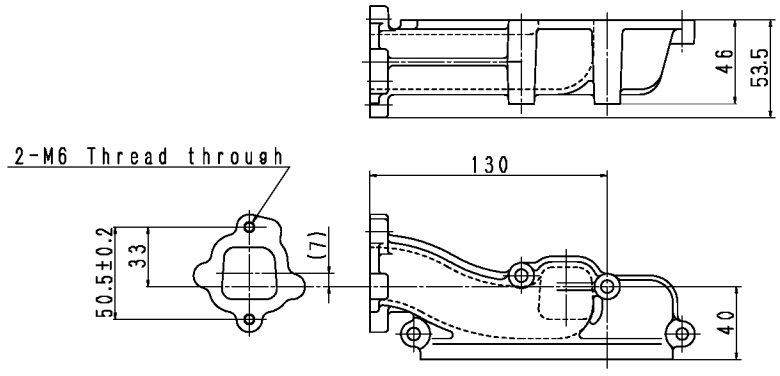
Gm - b	3

Applicable engine

L48V
L48N

Code No.
114772-12010

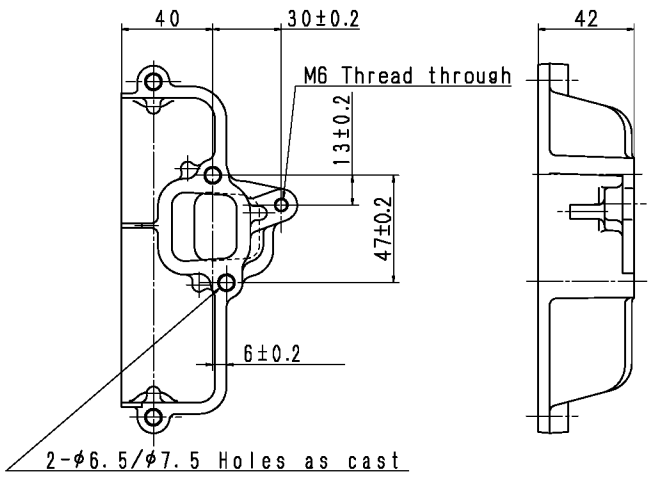
Intake Manifold
For stamper



Ex) L-V○○○(9)○○○○

Gm - b Intake Manifold

Gm - b	4
Applicable engine L48V L48N	
Code No. 114771-12010	
Intake Manifold Standard	



Ex) L-V○○○(1,3)○○○○

Gm - b	
Applicable engine	
Code No.	

Gm - c Exhaust Silencer

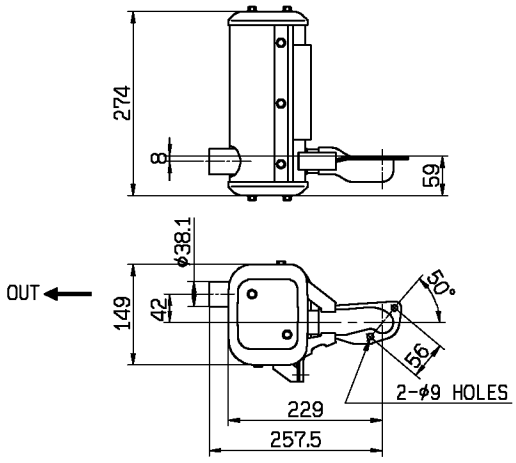
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
5	11429C-13500	×	×	×	×	×	◎	◎	◎	×	◎	×		
6	114284-13500	×	×	×	×	×	×	×	×	×	×	◎		
7	114288-13500	×	×	×	×	×	×	×	×	◎	×	×		
9	114268-13500	×	×	×	×	×	△	△	△	×	△	△		
10	114770-13551	×	×	×	×	×	△	△	△	△	△	△		
15	1141A0-13500	◎	◎	◎	△	△	×	×	×	×	×	×		
	None	×	×	×	×	×	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	11421C-13500	◎	◎	◎	△	◎	◎	◎	△	◎	×	×	×	×
4	114368-13501	△	△	△	◎	△	△	△	◎	△	×	×	×	×
14	1142A0-13500	×	×	×	×	×	×	×	×	×	◎	◎	◎	◎
	None	△	△	△	△	△	△	△	△	△	×	×	×	×

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	11431C-13550	◎	◎	◎	△	◎	◎	◎	△	◎	×	×	×	×
2	114910-13500	△	△	△	◎	△	△	△	◎	△	×	×	×	×
11	114910-13510	△	△	△	△	△	△	△	△	△	×	×	×	×
13	1143A0-13500	×	×	×	×	×	×	×	×	×	◎	◎	◎	◎
	None	△	△	△	△	△	△	△	△	△	×	×	×	×

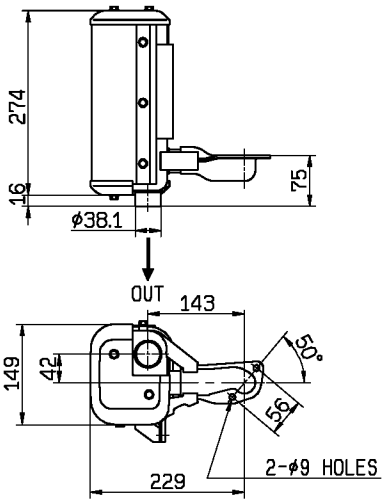
Gm - c Exhaust Silencer

Gm - c	1
Applicable engine L100V L100N	
Code No. 11431C-13550	
Exhaust Silencer Standard	



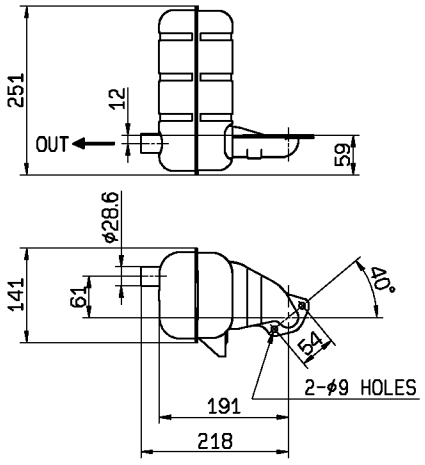
Ex) L-V○○○○○(1)○○
Exh. Direction:Starting Moter side

Gm - c	2
Applicable engine L100V L100N	
Code No. 114910-13500	
Exhaust Silencer	



Ex) L-V○○○○○(2)○○
Exh. Direction:PTO side

Gm - c	3
Applicable engine L70V L70N	
Code No. 11421C-13500	
Exhaust Silencer Standard	



Ex) L-V○○○○○(1)○○
Exh. Direction:Starting Moter side

Gm - c Exhaust Silencer

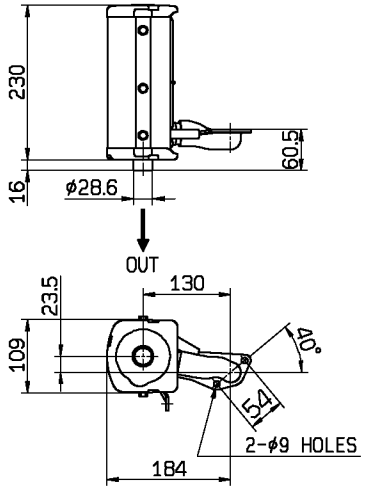
Gm - c	4

Applicable engine

L70V
L70N

Code No.
114368-13501

Exhaust Silencer



Ex) L-V○○○○○(2)○○
Exh. Direction:PTO side

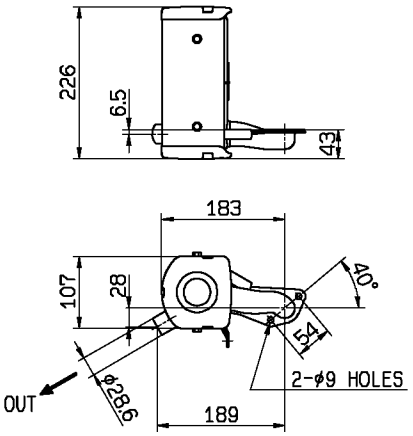
Gm - c	5

Applicable engine

L48N

Code No.
11429C-13500

Exhaust Silencer
Standard



Ex) L-N○○○○○(1)○○
Exh. Direction:Starting Moter side

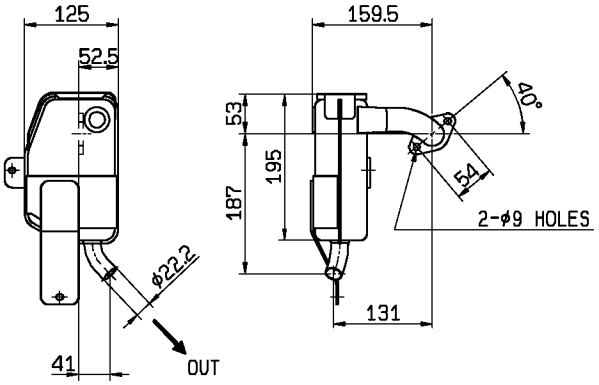
Gm - c	6

Applicable engine

L48N

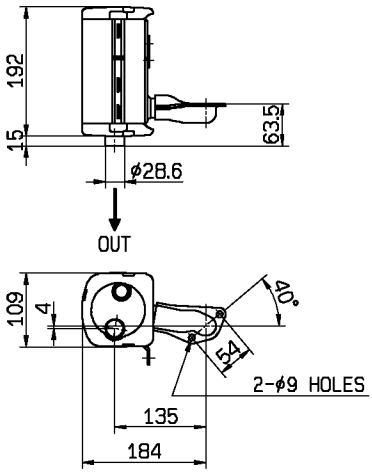
Code No.
114284-13500

Exhaust Silencer
For stamper



Ex) L-N○○○○○(3)○○
Notice: This option can't be used with Starting motor.
Exh. Direction:Lower

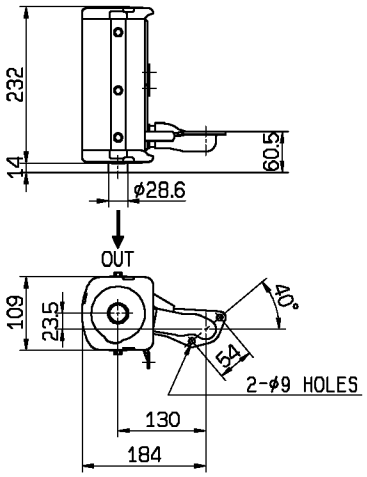
Gm - c	7
Applicable engine L48N	
Code No. 114288-13500	
Exhaust Silencer For V-machine	



Ex) L-N○○○○○(4)○○
For Big Air Cleaner(Gm-a-7)
Exh. Direction:PTO side, Size:Small

Gm - c	
Applicable engine	
Code No.	

Gm - c	9
Applicable engine L48N	
Code No. 114268-13500	
Exhaust Silencer	



Ex) L-N○○○○○(2)○○
Exh. Direction:PTO side

Gm - c	10

Applicable engine

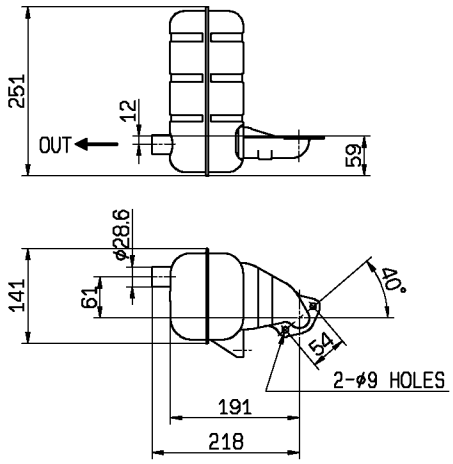
L48N

Code No.

114770-13551

Exhaust Silencer

For low noise type



Ex) L-V○○○○○(7)○○

Exh. Direction:Starting Moter side, Size:Big

Gm - c	11

Applicable engine

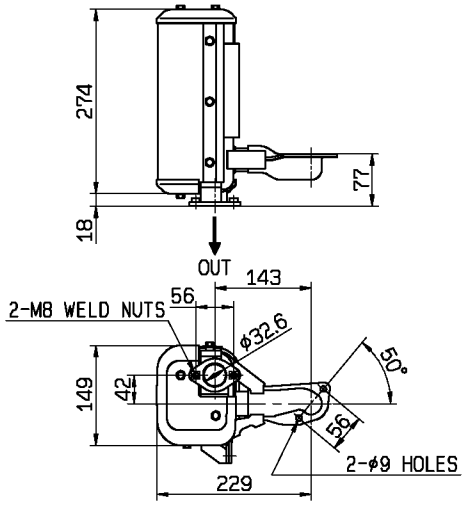
L100V
L100N

Code No.

114910-13510

Exhaust Silencer

Flange type



Ex) L-V○○○○○(5)○○

Exh. Direction:Starting Moter side, w/ Flange

Gm - c	

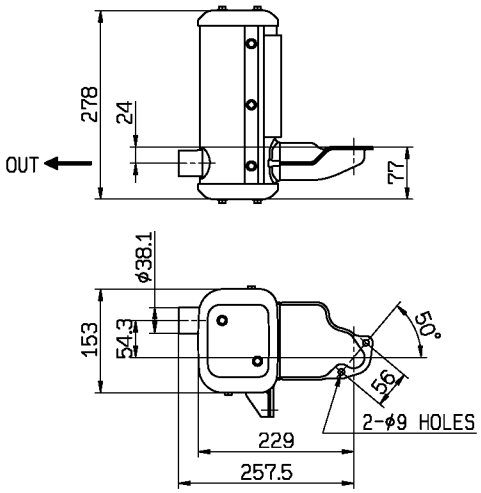
Applicable engine

Code No.

Ex) L-V○○○○○(5)○○

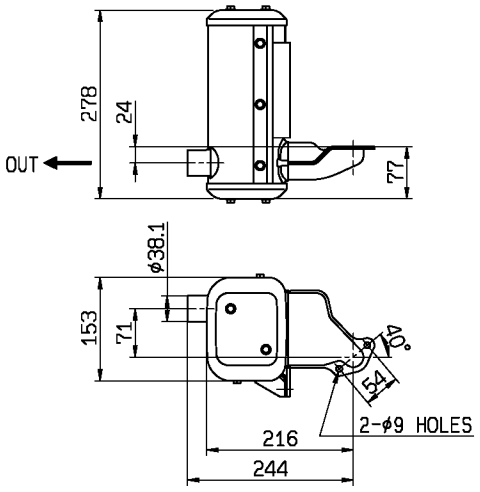
Exh. Direction:Starting Moter side, w/ Flange

Gm - c	13
Applicable engine L100W	
Code No. 1143A0-13500	
Exhaust Silencer Standard for L100W	



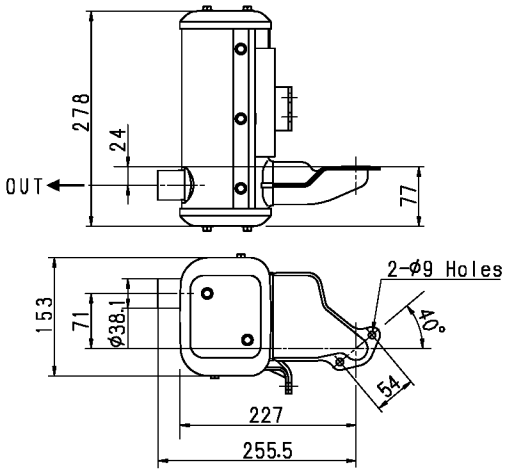
Ex) L-V○○○○○(8)○○
This option is available for L100W
Exh. Direction:Starting Moter side

Gm - c	14
Applicable engine L70W	
Code No. 1142A0-13500	
Exhaust Silencer Standard for L70W	



Ex) L-V○○○○○(8)○○
This option is available for L100W
Exh. Direction:Starting Moter side

Gm - c	15
Applicable engine L48V	
Code No. 1141A0-13500	
Exhaust Silencer Standard for L48V	



Ex) L-V○(V)○○○○(8)○○
This option is available for L48V
Exh. Direction:Starting Moter side

Gm - c Exhaust Silencer

Gm - c	
Applicable engine L48N L70V L70N L100V L100N	
Code No. None	
None	

Nothing

This option cannot be available for L-W & L48V series.

Gm - d Deflector

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114320-13800	△	△	△	△	△	×	×	×	×	×	×		
2	114299-13800	×	×	×	×	×	◎	◎	◎	◎	◎	△		
	None	△	△	△	△	△	△	△	△	△	△	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114320-13800	×	×	×	×	×	×	×	×	×	◎	◎	◎	◎
2	114299-13800	◎	◎	◎	◎	◎	◎	◎	◎	◎	×	×	×	×
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114320-13800	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

Gm - d Deflector

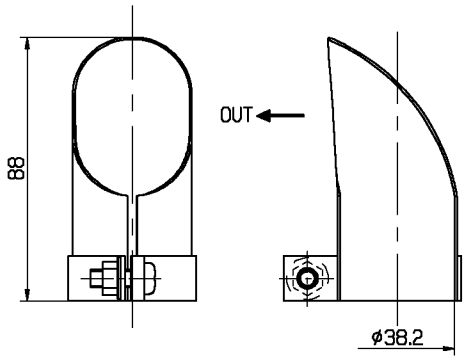
Gm - d	1

Applicable engine

L48V
L70W
L100V
L100N
L100W

Code No.
114320-13800

Deflector
Standard



Loose part

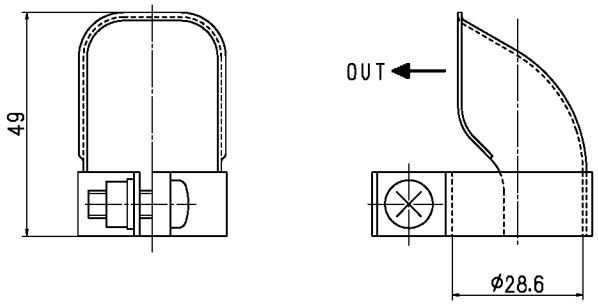
Gm - d	2

Applicable engine

L48N
L70V
L70N

Code No.
114299-13800

Deflector
Standard



Loose part

Gm - d	

Applicable engine

L48V
L48N
L70V
L70N
L70W
L100V
L100N
L100W

Code No.
None

None

Nothing

Hm - a Recoil Starter

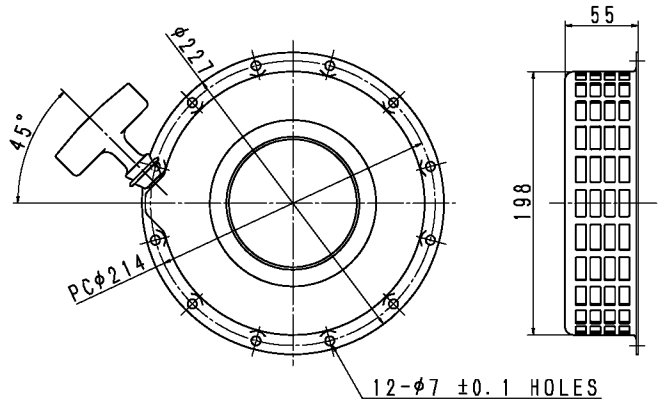
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
3	114299-76050	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
6	114120-45180	△	△	△	×	×	△	△	△	×	×	×		
	None	△	△	△	×	×	△	△	△	×	×	×		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	114399-76071	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
5	114354-45180	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114699-76073	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
4	114699-45180	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

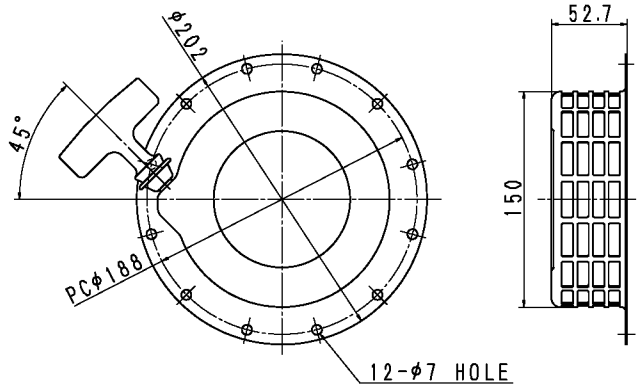
Hm - a Recoil Starter

Hm - a	1
Applicable engine L100V L100N L100W	
Code No. 114699-76073	
Recoil Starter Standard	



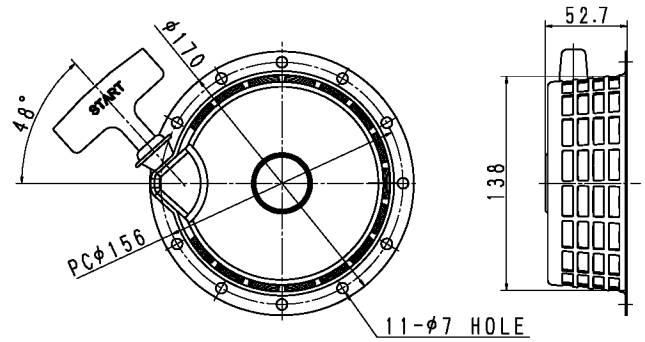
Ex) L-V○○(A,F,J,M,Q)○○○○○

Hm - a	2
Applicable engine L70V L70N L70W	
Code No. 114399-76071	
Recoil Starter Standard	



Ex) L-V○○(A,F,J,M,Q)○○○○○

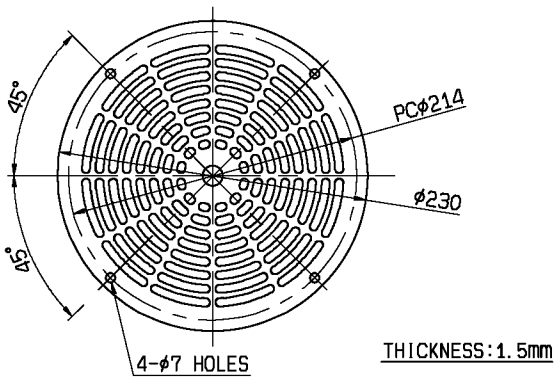
Hm - a	3
Applicable engine L48V L48N	
Code No. 114299-76050	
Recoil Starter Standard	



Ex) L-V○○(A,F,J,M,Q)○○○○○

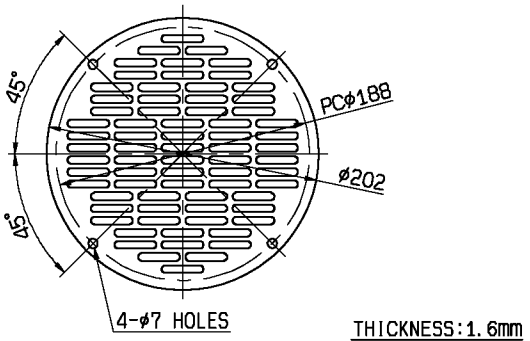
Hm - a Recoil Starter

Hm - a	4
Applicable engine L100V L100N L100W	
Code No. 114699-45180	
Dust Cover	



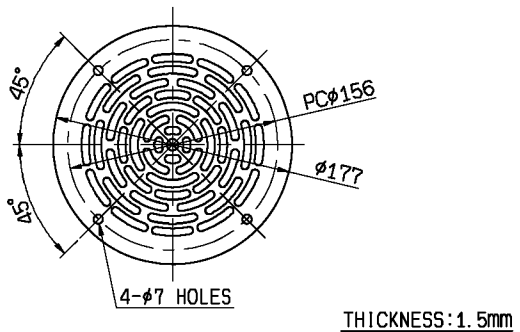
Ex) L-V○○(C,H,L,P,S)○○○○○
w/o recoil starter

Hm - a	5
Applicable engine L70V L70N L70W	
Code No. 114354-45180	
Dust Cover	



Ex) L-V○○(C,H,L,P,S)○○○○○
w/o recoil starter

Hm - a	6
Applicable engine L48V L48N	
Code No. 114120-45180	
Dust Cover	



Ex) L-V○○(C,H,L,P,S)○○○○○
w/o recoil starter

Hm - a Recoil Starter

Hm - a	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

Ex) L-V○○(B,G,K,N,R)○○○○○
Warning:Never insert hands or foots into fan case.

Hm - b Starting Motor

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114362-77011	◎	◎	◎	×	×	◎	◎	◎	×	×	×		
	None	△	△	△	◎	◎	△	△	△	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114362-77011	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114362-77011	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
	None	△	△	△	△	△	△	△	△	△	△	△	△	△

Hm - b Starting Motor

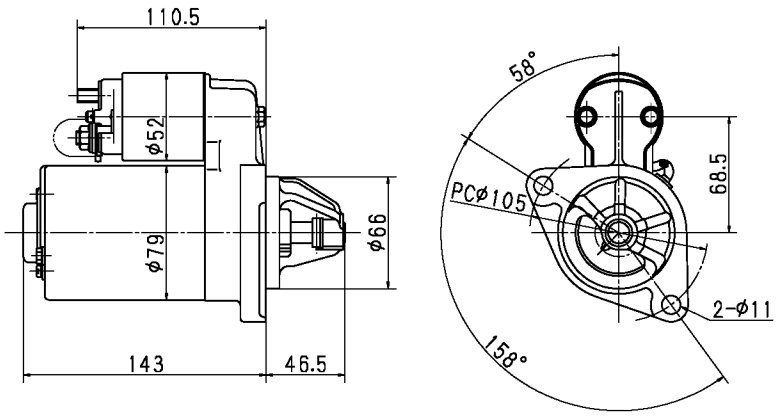
Hm - b	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
114362-77011

Starting Motor
DC12V



Ex) L-V○○(A,B,C,J,K,L,M,N,P,R,S)○○○○○

Hm - b	

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
None

None
w/ cover

Nothing

Ex) L-V○○(F,G,H)○○○○○

Hm - c Key Switch

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114351-77500(L-V 114220-77500(L-N	◎	◎	◎	×	×	◎	◎	◎	×	×	×		
	None	△	△	△	◎	◎	△	△	△	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114351-77500(L-V 114220-77500(L-N	◎	◎	◎	△	◎	◎	◎	△	△	◎	◎	◎	△
	None	△	△	△	◎	△	△	△	◎	◎	△	△	△	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114351-77500(L-V 114220-77500(L-N	◎	◎	◎	△	◎	◎	◎	△	△	◎	◎	◎	△
	None	△	△	△	◎	△	△	△	◎	◎	△	△	△	◎

Hm - c Key Switch

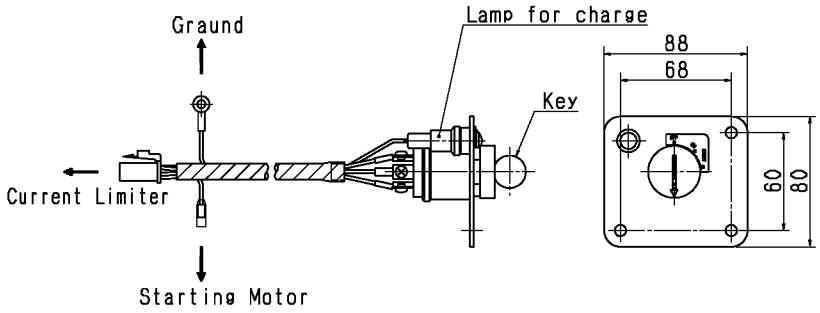
Hm - c	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
114351-77500(L-V
114220-77500(L-N

Key Switch



Ex) L-V○○(A,B,C,N,M,P,Q,R,S)○○○○○
Loose part
if engine has this option, need electric spec

Hm - c	

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
None

None

Nothing

Ex) L-V○○(F,G,H,J,K,L)○○○○○
w/o Starting motor, Electric Regulator & Dynamo
If engine has a starting motor, w/ connector

Hm - d Plunger, starting

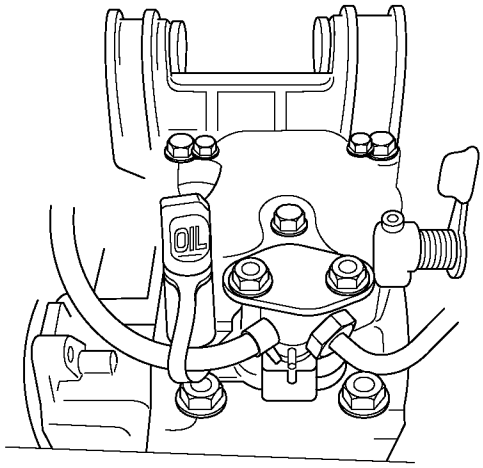
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	114299-76600	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		
2	129100-61850	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

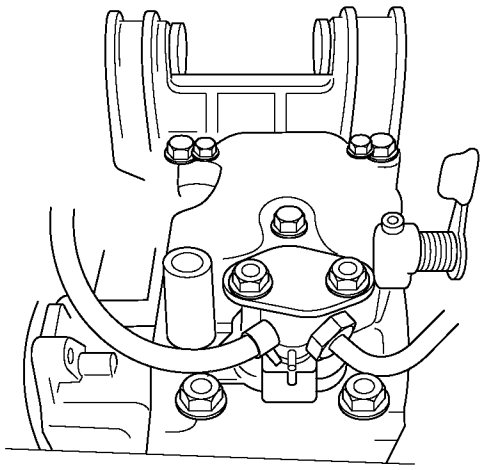
No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Hm - d Plunger, starting

Hm - d	1
Applicable engine L48V L48N	
Code No. 114299-76600	
Standard for L48	



Hm - d	2
Applicable engine L48V L48N	
Code No. 129100-61850	
Plug Plug	



Hm - d	
Applicable engine L70V L100W L70N L70W L100V L100N	
Code No. None	
None	

Nothing

Im - a Speed Control Device

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
1	D14210-66110(L-V D14220-66110(L-N	◎	△	△	△	△	◎	△	△	△	△	△		
2	D14210-66120(L-V D14220-66120(L-N	△	◎	△	△	△	△	◎	△	△	△	△		
3	D14210-66130(L-V D14220-66130(L-N	△	△	◎	△	△	△	△	◎	△	△	△		
4	D14299-66170	△	△	△	◎	◎	△	△	△	◎	△	◎		
5	D14299-66180	△	△	△	△	△	△	△	△	△	△	△		
6	D14299-66190(L48/L70 D14310-66190(L100	△	△	△	△	△	△	△	△	△	◎	△		
8	D14299-66230	△	△	△	△	△	△	△	△	△	△	△		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14210-66110(L-V D14220-66110(L-N	◎	△	△	△	◎	△	△	△	△	◎	△	△	△
2	D14210-66120(L-V D14220-66120(L-N	△	◎	△	△	△	◎	△	△	△	△	◎	△	△
3	D14210-66130(L-V D14220-66130(L-N	△	△	◎	△	△	△	◎	△	△	△	△	◎	△
4	D14299-66170	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
5	D14299-66180	△	△	△	△	△	△	△	△	△	△	△	△	△
6	D14299-66190(L48/L70 D14310-66190(L100	△	△	△	△	△	△	△	△	◎	△	△	△	△

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14210-66110(L-V D14220-66110(L-N	◎	△	△	△	◎	△	△	△	△	◎	△	△	△
2	D14210-66120(L-V D14220-66120(L-N	△	◎	△	△	△	◎	△	△	△	△	◎	△	△
3	D14210-66130(L-V D14220-66130(L-N	△	△	◎	△	△	△	◎	△	△	△	△	◎	△
4	D14299-66170	△	△	△	◎	△	△	△	◎	△	△	△	△	◎
5	D14299-66180	△	△	△	△	△	△	△	△	△	△	△	△	△
6	D14299-66190(L48/L70 D14310-66190(L100	△	△	△	△	△	△	△	△	◎	△	△	△	△

Im - a Speed Control Device

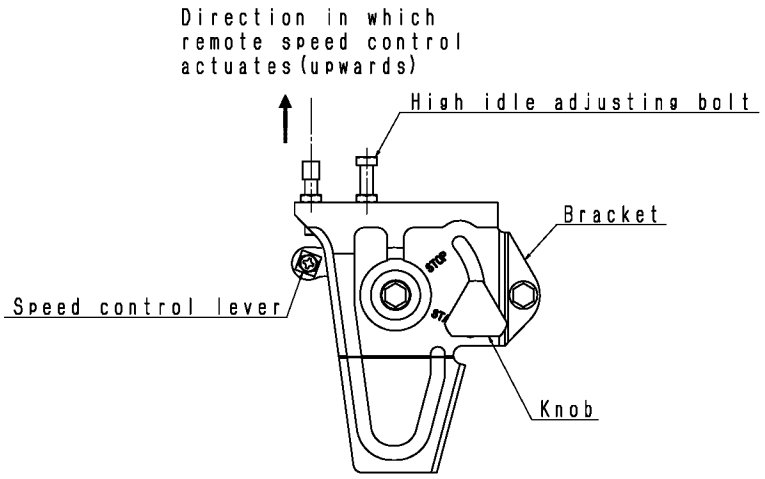
Im - a	1

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14210-66110(L-V
D14220-66110(L-N

Speed Control Device
General (Thai)



Ex) L-V○○○○(T)○○○

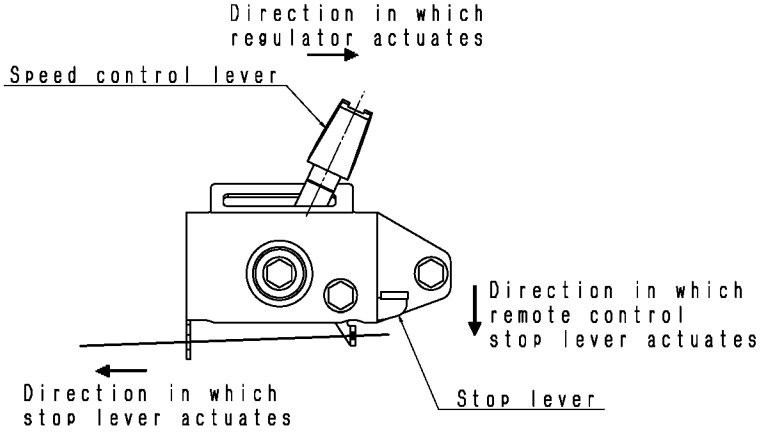
Im - a	2

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14210-66120(L-V
D14220-66120(L-N

Speed Control Device
Constant Speed



Ex) L-V○○○○(C)○○○

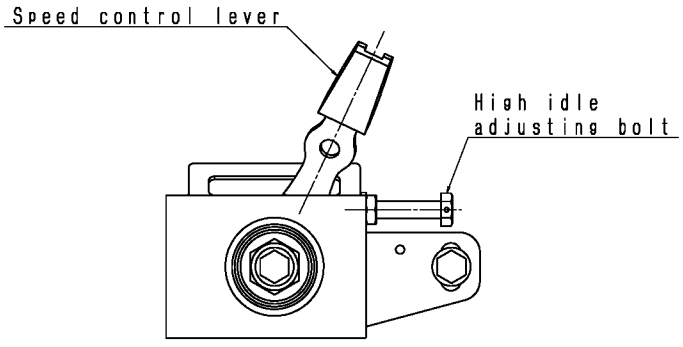
Im - a	3

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14210-66130(L-V
D14220-66130(L-N

Speed Control Device
Friction Plate



Ex) L-V○○○○(F)○○○

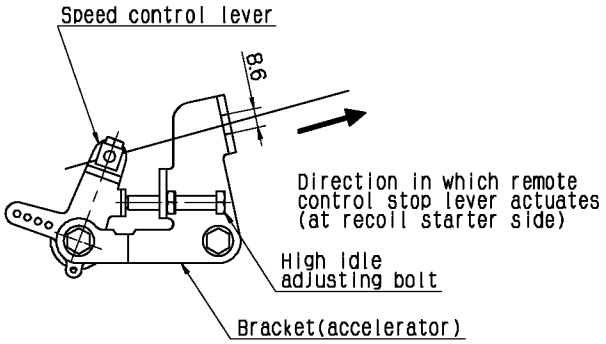
Im - a	4

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14299-66170

Speed Control Device
Remote Control



Ex) L-V○○○○(R)○○○

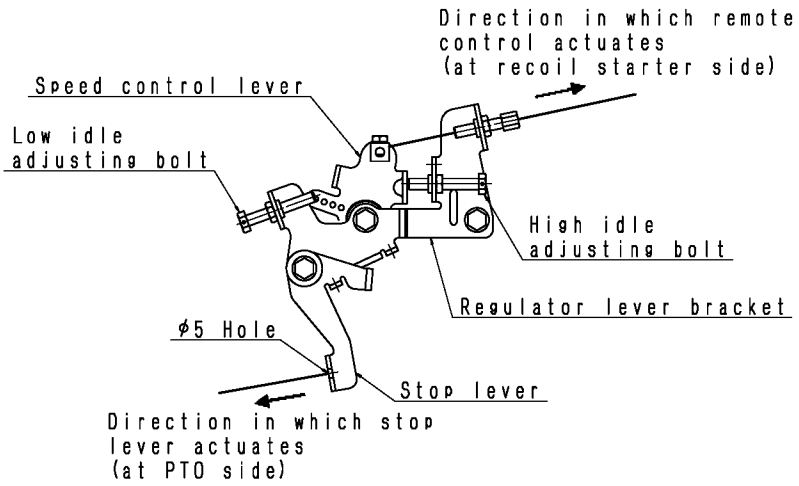
Im - a	5

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14299-66180

Speed Control Device
Remote Control w/Lo Idle



Ex) L-V○○○○(L)○○○

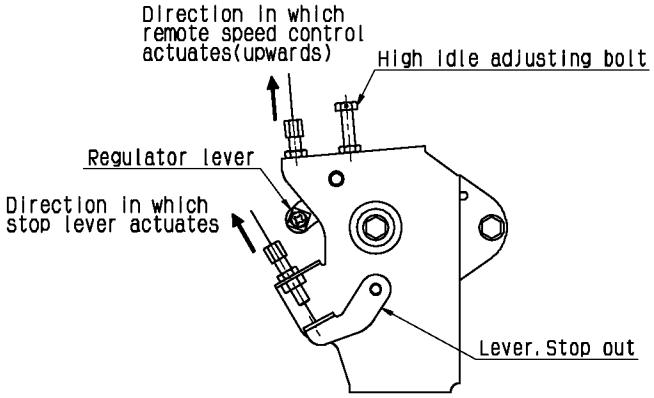
Im - a	6

Applicable engine

L48V	L100V
L48N	L100N
L70V	L100W
L70N	
L70W	

Code No.
D14299-66190(L48/L70
D14310-66190(L100

Speed Control Device
Pull-on for tiller

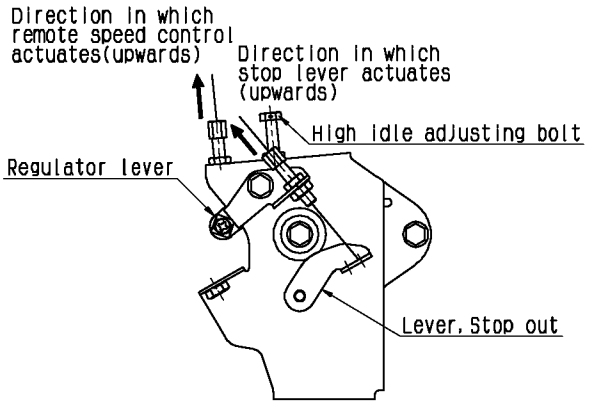


Ex) L-V○○○○(P)○○○

Im - a Speed Control Device

Im - a	
Applicable engine	
Code No.	

Im - a	8
Applicable engine L48V L48N	
Code No. D14299-66230	
Speed Control Device Pull-on for tiller	



Ex) L-N○○○○(Z)○○○

Km - a Flange

No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
2	114299-21960	△	△	△	△	×	△	△	△	△	△	×		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114399-21960	△	△	△	△	△	△	△	△	△	△	△	△	△
3	114399-21640	△	△	△	△	△	△	△	△	△	△	△	△	△
4	114399-21710	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114399-21960	△	△	△	△	△	△	△	△	△	△	△	△	△
3	114399-21640	△	△	△	△	△	△	△	△	△	△	△	△	△
4	114399-21710	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Km - a Flange

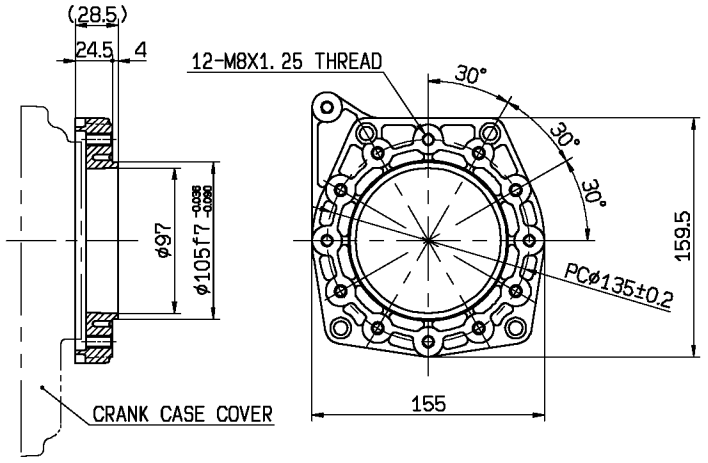
Km - a	1

Applicable engine

L70V L100W
L70N
L70W
L100V
L100N

Code No.
114399-21960

Flange, Tiller



Ex) L-Vooooooo(FT)

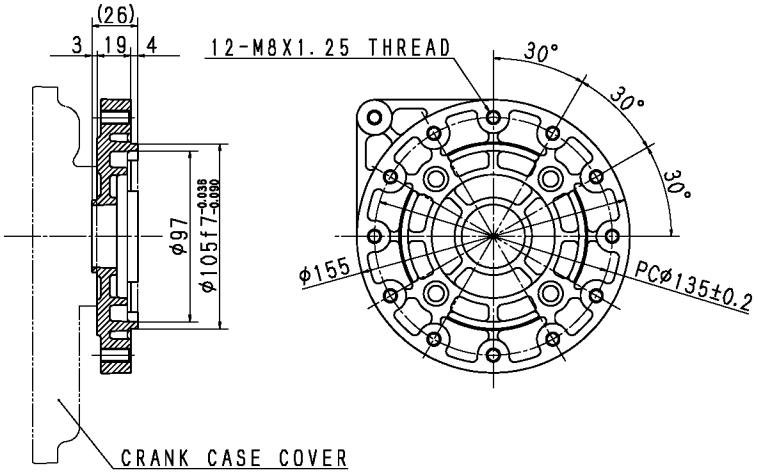
Km - a	2

Applicable engine

L48V
L48N

Code No.
114299-21960

Flange, Tiller



Ex) L-Vooooooo(FT)

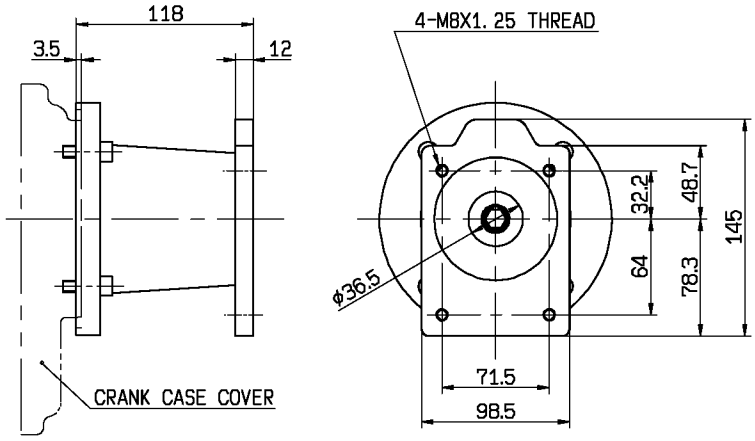
Km - a	3

Applicable engine

L70V L100W
L70N
L70W
L100V
L100N

Code No.
114399-21640

Flange, GR2



Km - a Flange

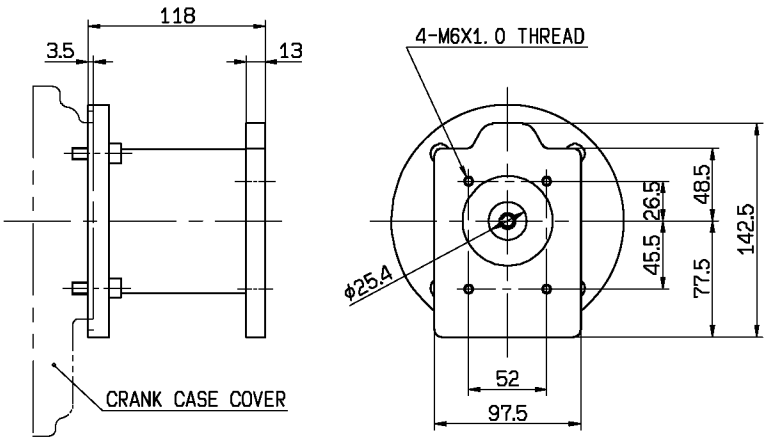
Km - a	4

Applicable engine

L70V L100W
L70N
L70W
L100V
L100N

Code No.
114399-21710

Flange, GR1



Km - a	

Applicable engine

L48V L100V
L48N L100N
L70V L100W
L70N
L70W

Code No.
None

None

Nothing

Km - b Crank Case Cover

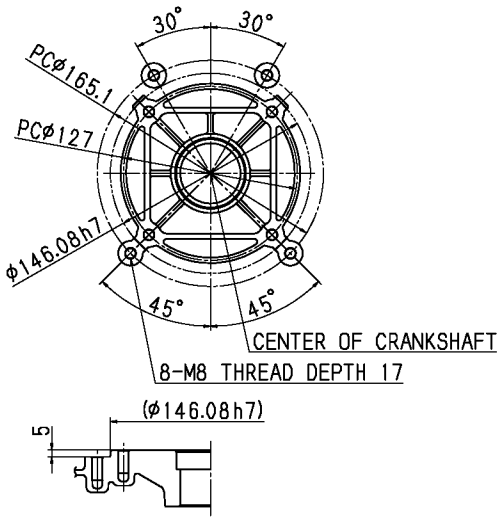
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
4	114299-01450	◎	◎	◎	◎	△	◎	◎	◎	◎	◎	△		
5	114284-01452	×	×	×	×	◎	×	×	×	×	×	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	114210-01450	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
3	114210-01460	△	△	△	△	△	△	△	△	△	△	△	△	△
6	114210-01470	△	△	△	△	△	△	△	△	△	△	△	△	△

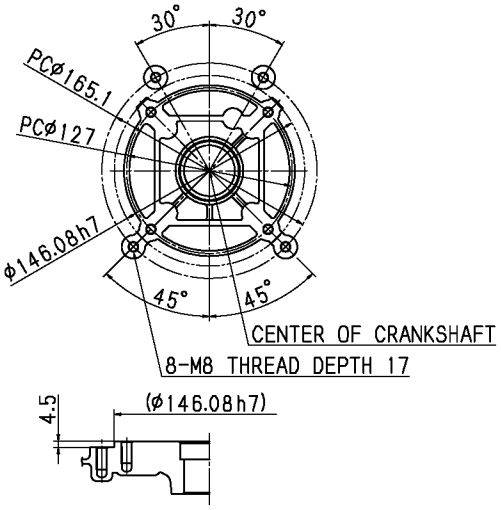
No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114310-01450	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

Km - b Crank Case Cover

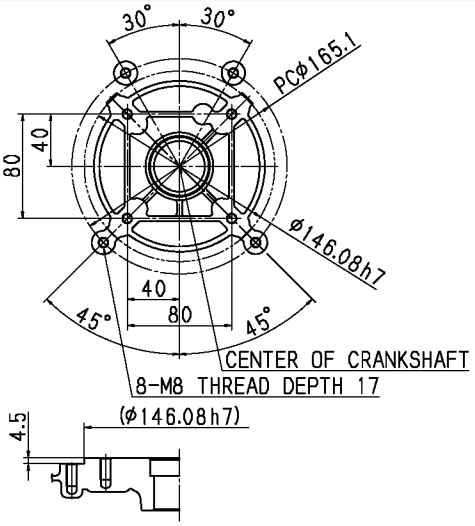
Km - b	1
Applicable engine L100V L100N L100W	
Code No. 114310-01450	
Crank Case Cover, E-D Standard	



Km - b	2
Applicable engine L70V L70N L70W	
Code No. 114210-01450	
Crank Case Cover, E-D Standard	

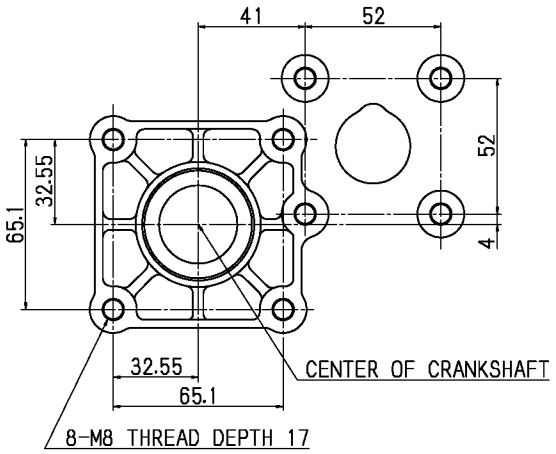


Km - b	3
Applicable engine L70V L70N L70W	
Code No. 114210-01460	
Crank Case Cover, D For JPN	

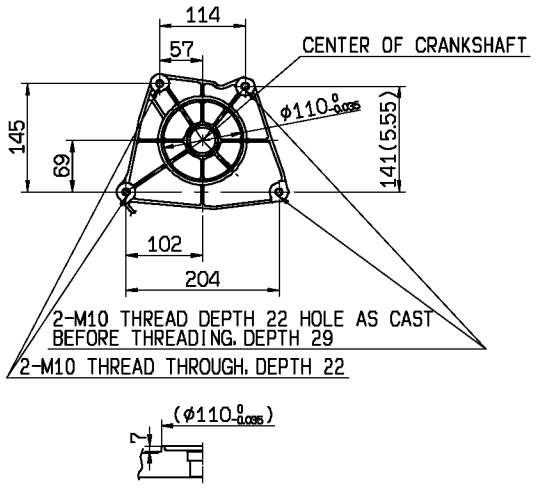


Km - b Crank Case Cover

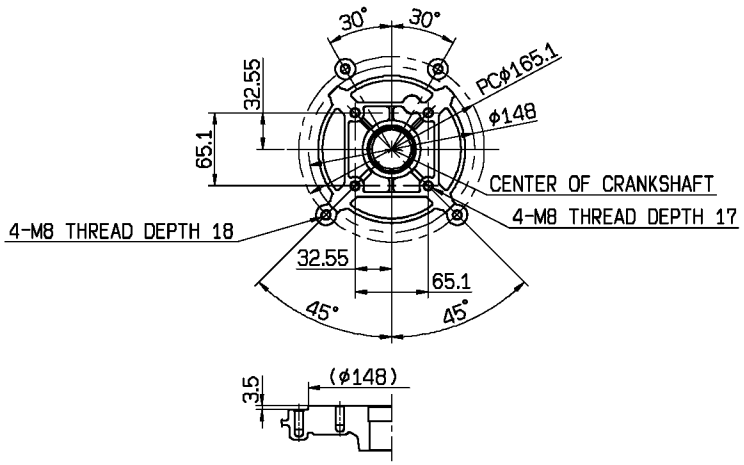
Km - b	4
Applicable engine L48V L48N	
Code No. 114299-01450	
Crank Case Cover, D Standard	



Km - b	5
Applicable engine L48V L48N	
Code No. 114284-01452	
Crank Case Cover For Stamper	



Km - b	6
Applicable engine L70V L70N L70W	
Code No. 114210-01470	
Crank Case Cover For water pump	



Notice:Available only for PTO(Fm-a-23)

Lm - a Bonnet

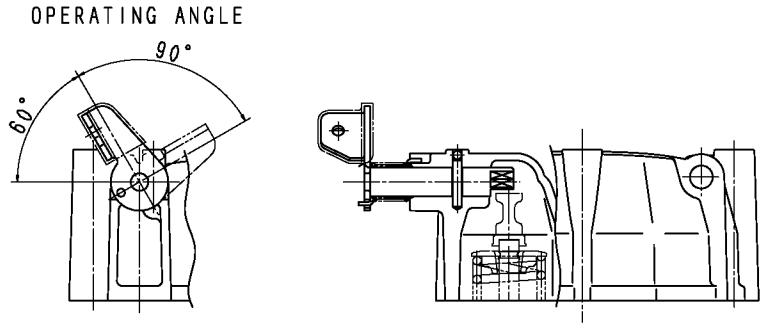
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
5	114295-11951	◎	◎	◎	×	×	◎	◎	◎	×	◎	×		
6	114295-11981	△	△	△	△	△	△	△	△	△	△	△		
7	114771-11970	×	×	×	×	◎	×	×	×	×	×	◎		
8	114295-11991	×	×	×	◎	×	×	×	×	◎	×	×		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
3	114210-11950	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
4	114210-11960	△	△	△	△	△	△	△	△	△	△	△	△	△

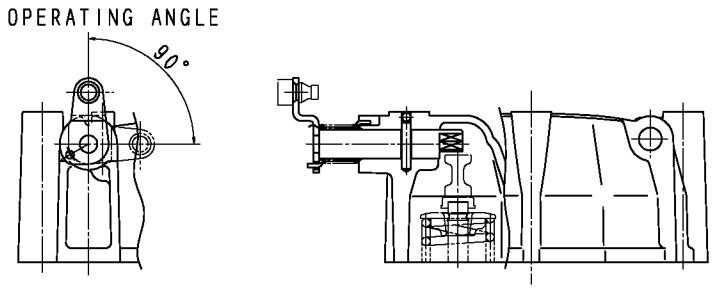
No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	114310-11950	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎
2	114310-11960	△	△	△	△	△	△	△	△	△	△	△	△	△

Lm - a Bonnet

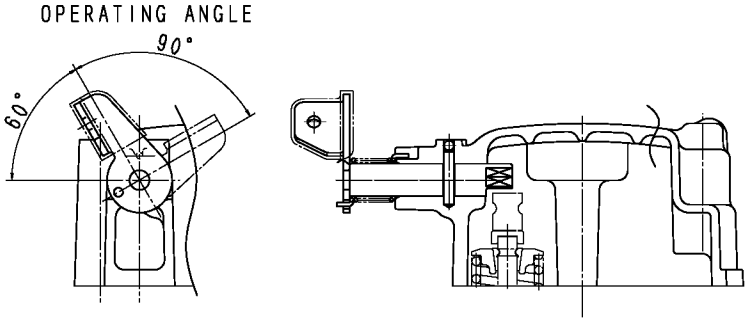
Lm - a	1
Applicable engine L100V L100N L100W	
Code No. 114310-11950	
Bonnet Decomp:Hand Operation	



Lm - a	2
Applicable engine L100V L100N L100W	
Code No. 114310-11960	
Bonnet Decomp:Remote Control Operation	

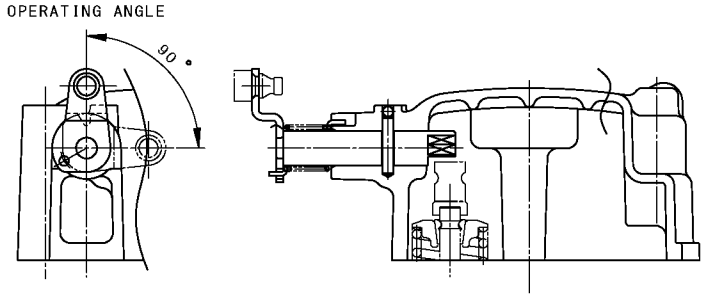


Lm - a	3
Applicable engine L70V L70N L70W	
Code No. 114210-11950	
Bonnet Decomp:Hand Operation	

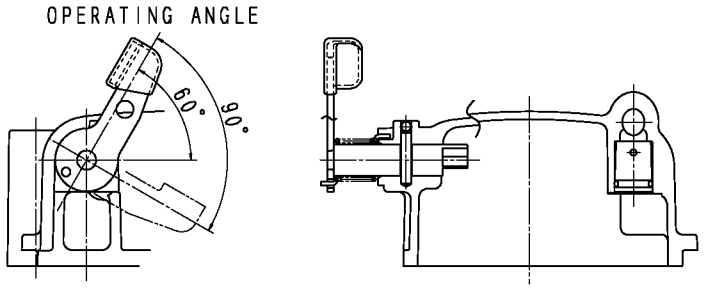


Lm - a Bonnet

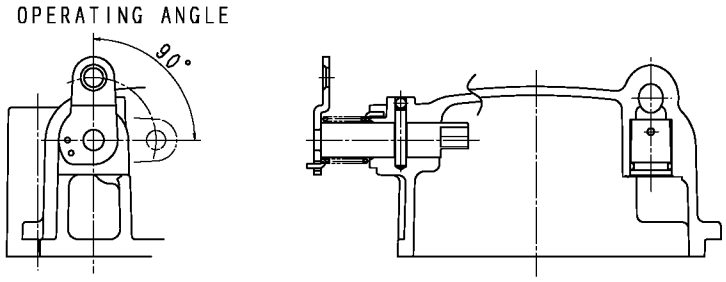
Lm - a	4
Applicable engine L70V L70N L70W	
Code No. 114210-11960	
Bonnet Decomp:Remote Control Operation	



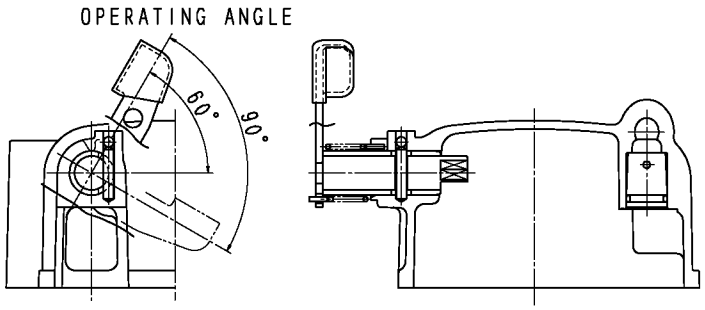
Lm - a	5
Applicable engine L48V L48N	
Code No. 114295-11951	
Bonnet Decomp:Hand Operation	



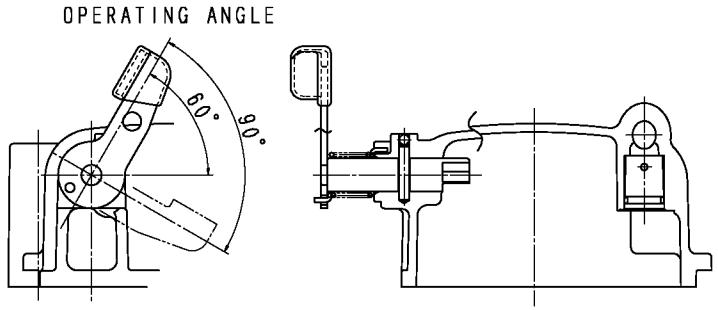
Lm - a	6
Applicable engine L48V L48N	
Code No. 114295-11981	
Bonnet Decomp:Remote Control Operation	



Lm - a	7
Applicable engine L48V L48N	
Code No. 114771-11970	
Bonnet For stamper	



Lm - a	8
Applicable engine L48V L48N	
Code No. 114295-11991	
Bonnet For V-machine	



Lm - b Remote Decomp

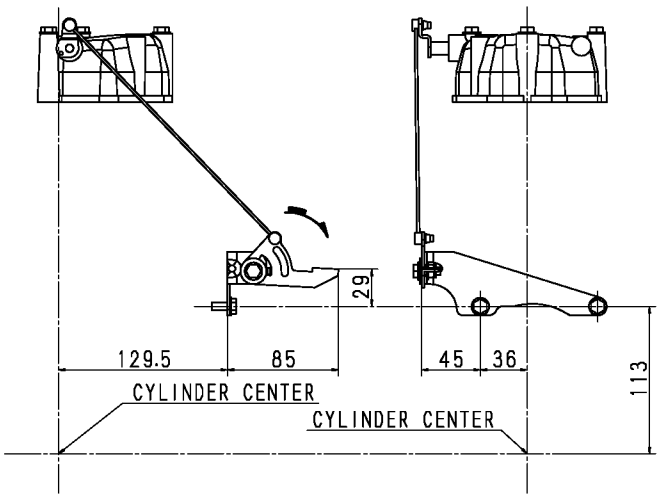
No	Code	L48V					L48N							
		General	Generator	Pump	V-Machine (Recoil)	Stamper (Recoil)	General	Generator	Pump	V-Machine (Recoil)	Tiller (Recoil)	Stamper (Recoil)		
4	D14299-03200	△	△	△	△	△	△	△	△	△	△	△		
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎		

No	Code	L70V				L70N					L70W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
2	D14210-03200	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

No	Code	L100V				L100N					L100W			
		General	Generator	Pump	V-Machine	General	Generator	Pump	V-Machine	Tiller	Standard	Generator	Pump	V-Machine
1	D14310-03200	△	△	△	△	△	△	△	△	△	△	△	△	△
	None	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎	◎

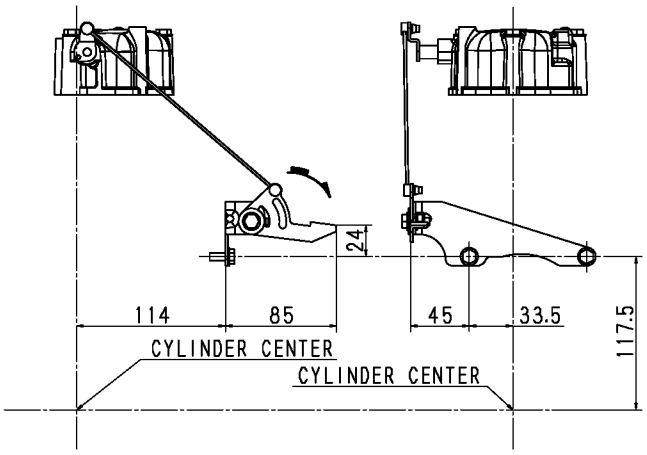
Lm - b Remote Decomp

Lm - b	1
Applicable engine L100V L100N L100W	
Code No. D14310-03200	
Remote Decomp assy.	



Ex) L-V○○○○○○○(RD)
Notice : Not available for FO tank

Lm - b	2
Applicable engine L70V L70N L70W	
Code No. D14210-03200	
Remote Decomp assy.	

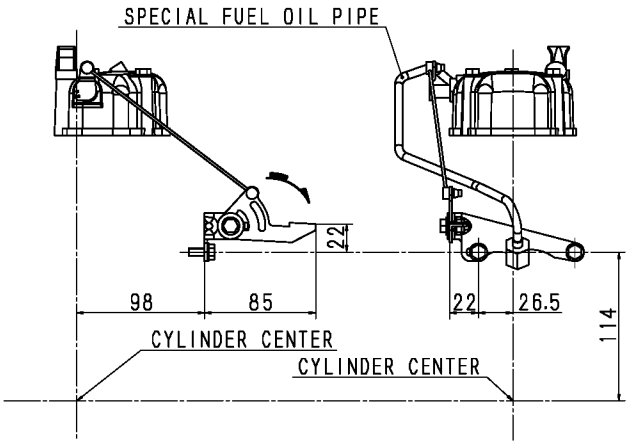


Ex) L-V○○○○○○○(RD)
Notice : Not available for FO tank

Lm - b	
Applicable engine	
Code No.	

Lm - b Remote Decomp

Lm - b	4
Applicable engine L48V L48N	
Code No. D14299-03200	
Remote Decomp assy.	



Ex) L-V○○○○○○○(RD)
Notice : Not available for FO tank

Lm - b	
Applicable engine L48V L100V L48N L100N L70V L100W L70N L70W	
Code No. None	
None	

Nothing

YANMAR

Head Office:
YANMAR POWER TECHNOLOGY CO., LTD.
1-32 Chayamachi, Kita-ku, Osaka, Japan
https://www.yanmar.com

Yanmar America Corporation
101 International Parkway
Adairsville, GA 30103, U.S.A.
TEL: +1-770-877-9894 FAX: +1-770-877-9009
https://www.yanmar.com/us/

Yanmar Europe B.V.
Brugplein11, 1332 BS Almere -de Vaart
The Netherlands.
TEL: +31-36-5493200 FAX: +31-36-5493209
https://www.yanmar.com/eu/

Yanmar Asia (Singapore) Corporation Pte Ltd.
4 Tuas Lane, Singapore 638613
TEL: +65-6861-3855 FAX: +65-6862-5189
https://www.yanmar.com/sg/

Yanmar Engine (Shanghai) Corporation Ltd.
Room 1101-1106, No.757 Mengzi Road,
Huangpu District, Shanghai 200023 PRC
TEL: +86-21-2312-0688 FAX: +86-21-6880-8090
http://www.yanmar-china.com/cn/

Yanmar South America Industria De Maquinas Ltda.
Av. Presidente Vargas 1400, Indaiatuba, S.P., Brazil, CEP: 13338-901
TEL: +55-19-3801-9224 FAX: +55-19-3875-3899, 2241
https://www.yanmar.com/br/

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OPTION MENU

L48V, L48N, L70V, L70N, L70W,
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