

Robin guarantees
high performance;
characteristic descended
from SUBARU DNA.



Robin EY engines

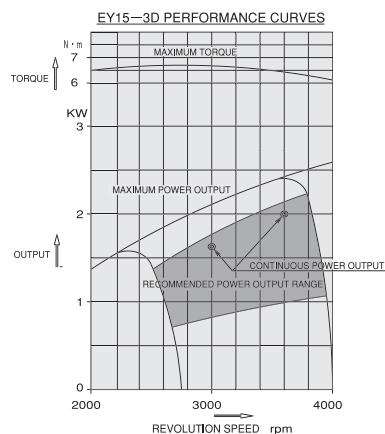
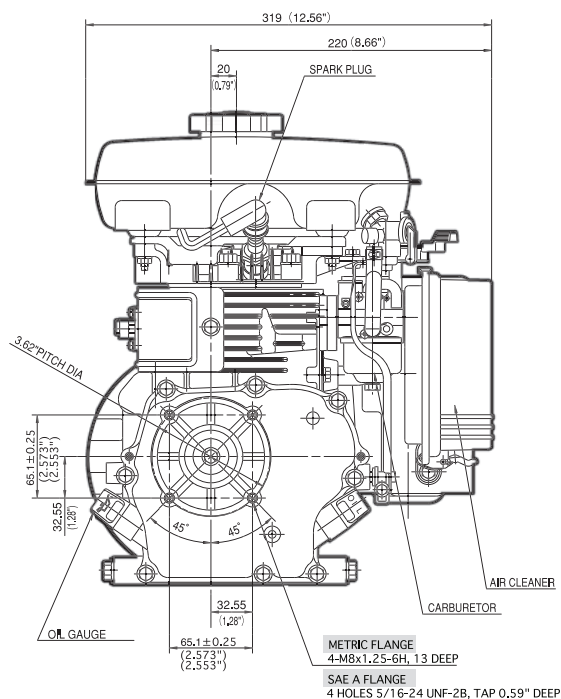
EY series

15-3D/20-3D



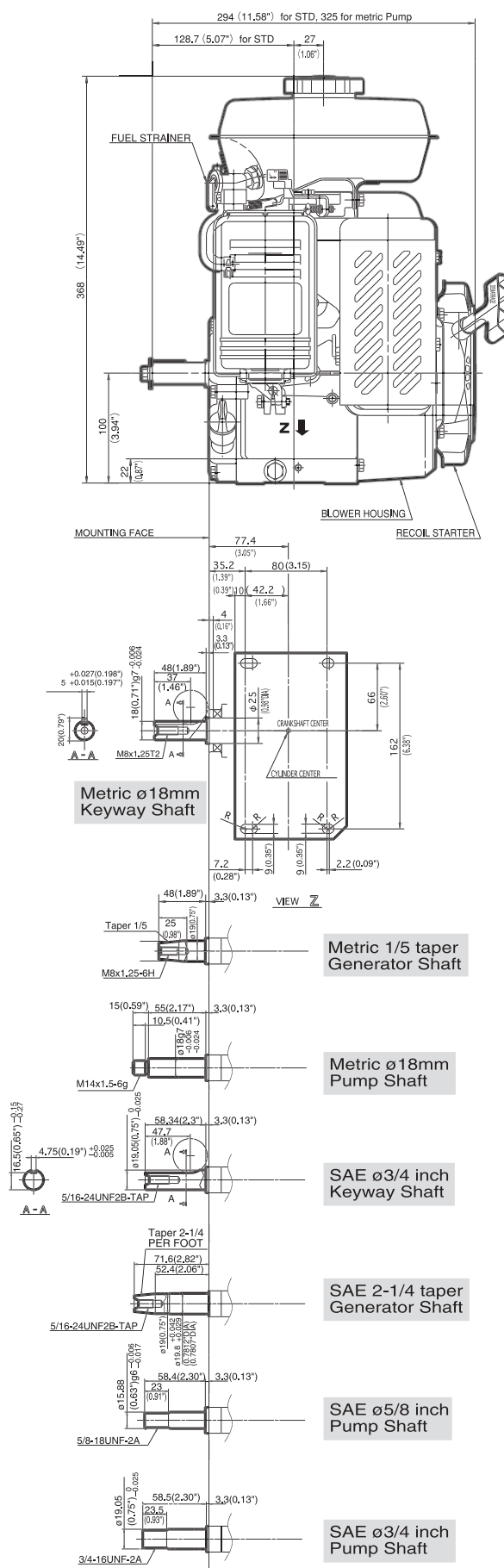
Air cooled 4 cycle
Gasoline Engine

EY15-3D

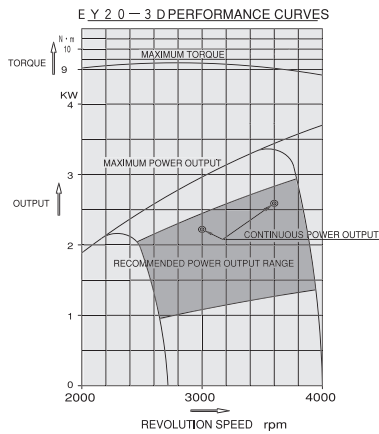
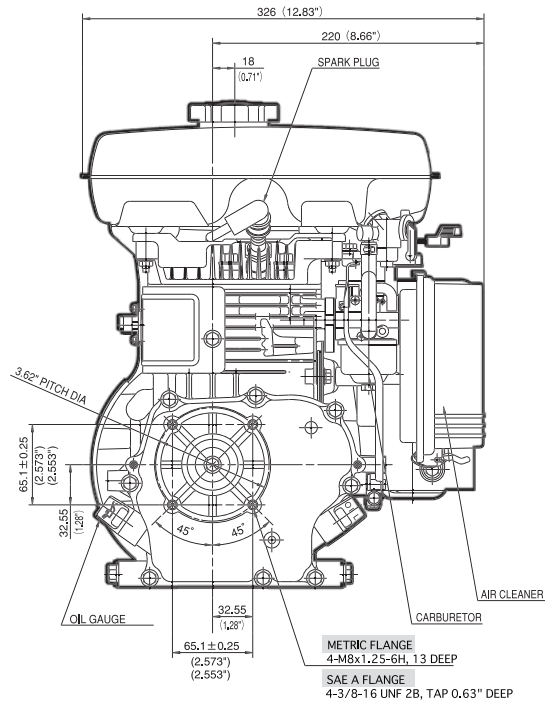


Semi Dry Air Cleaner

Dual Elements Air Cleaner

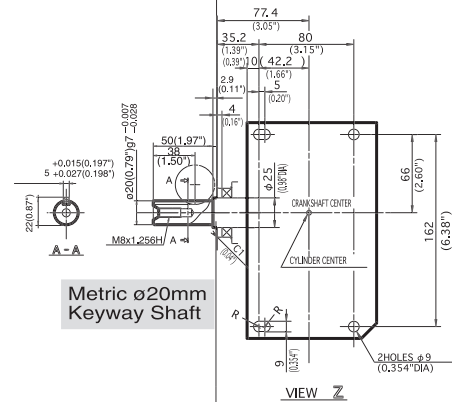
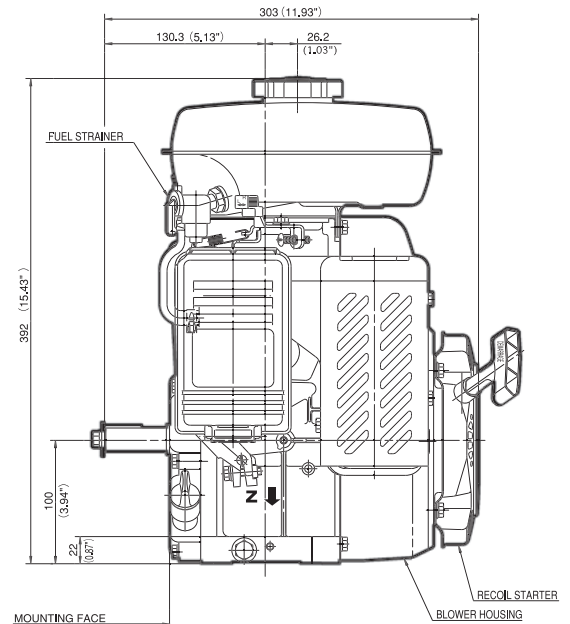


EY20-3D

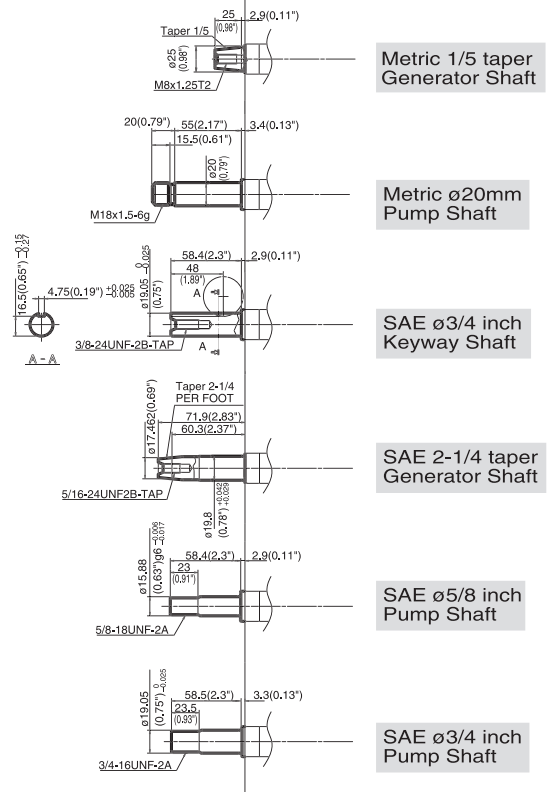


Semi Dry Air Cleaner

Dual Elements Air Cleaner



Metric ø20mm
Keyway Shaft



Metric 1/5 taper
Generator Shaft

Metric ø20mm
Pump Shaft

SAE ø3/4 inch
Keyway Shaft

SAE 2-1/4 taper
Generator Shaft

SAE ø5/8 inch
Pump Shaft

SAE ø3/4 inch
Pump Shaft

SPECIFICATIONS		
Model	EY15-3D	EY20-3D
Type	Air-cooled, 4-cycle, upright single cylinder, side valve, horizontal PTO shaft	
Bore x Stroke mm(in.)	63 x 46 (2.48 x 1.81)	67 x 52 (2.64 x 2.05)
Piston displacement cc(cu.in.)	143(8.73)	183(11.17)
Continuous output kw(ps)/rpm	1.6(2.2)/3000, 2.0(2.7)/3600	2.2(3.0)/3000, 2.6(3.5)/3600
Maximum output kw(ps)/rpm	2.6(3.5)/4000	3.7(5.0)/4000
Maximum torque N · m(kgf · m)/rpm(lbf · ft/rpm)	6.7(0.68)/2800, (4.94/2800)	9.3(0.95)2800, (6.87/2800)
Direction of rotation	Counterclockwise as viewed from PTO shaft side	
Fuel	Automobile (unleaded) gasoline	
Fuel Tank Capacity liter (US gal.)	2.8 (0.74)	3.8 (1.00)
Lubricant	Engine oil SAE 10W-30, 20W,30W	
Lubrication	Mechanical splashing type	
Lubricating oil capacity liters (US gal.)	0.6 (0.156)	
Carburetor	Float type	
Starter	Recoil starter	
Ignition system	Transistorised	
Spark plug	NGK B6HS	
Governor	Centrifugal flyweight type	
Dry weight kg/lb	13.4 (29.55)	15.2 (33.52)
Dimention length x width x height mm (in.)	294 x 319 x 368 (11.57 x 12.56 x 14.49)	303 x 326 x 392 (11.93 x 12.83 x 15.43)

OPTIONS		
Model	EY15-3D	EY20-3D
Air Cleaner STD: Semi Dry	Dual Elements, Cyclone Chimny	
Speed Control STD: Lever	Cable (Remote) Speed Control	
Oil Sensor	○	○



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Specifications are subject to change without notice.

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