

Robin guarantees
high performance;
characteristic descended
from SUBARU DNA.



Robin EH engines

EH series

09-2D

12-2D/B

17-2D/B

25-2D/B

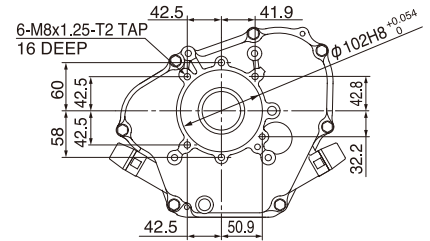
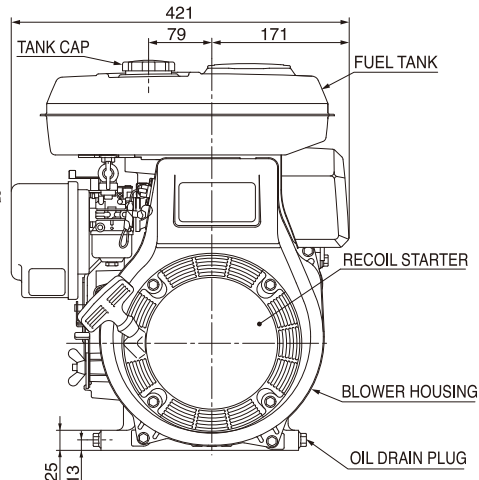
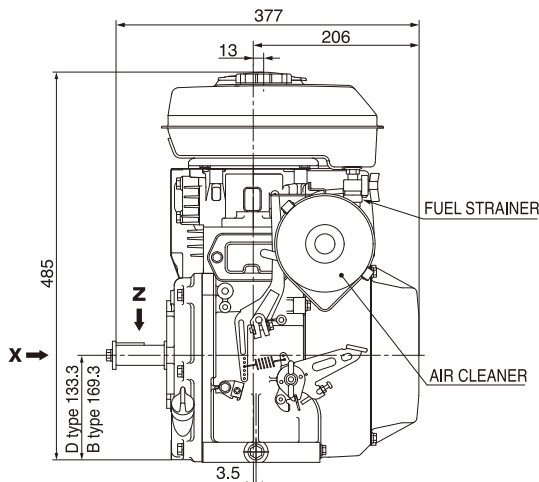
30D/B

34D/B

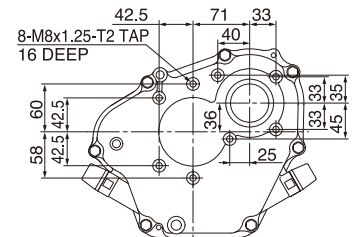


**Air cooled 4 cycle
OHV Gasoline Engine**

EH30D/30B

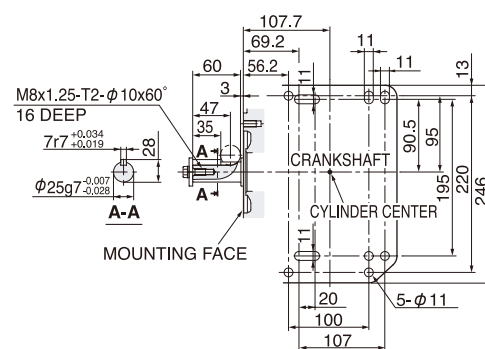
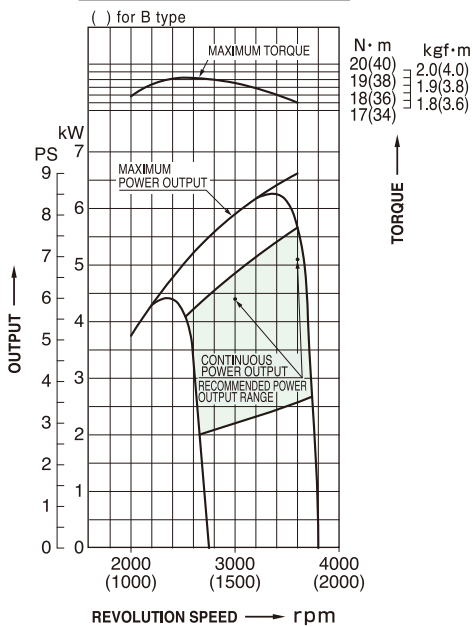


D type VIEW X

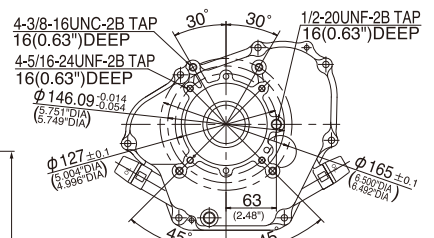


B type VIEW X

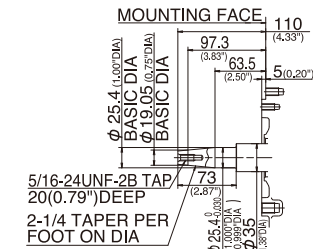
PERFORMANCE CURVES



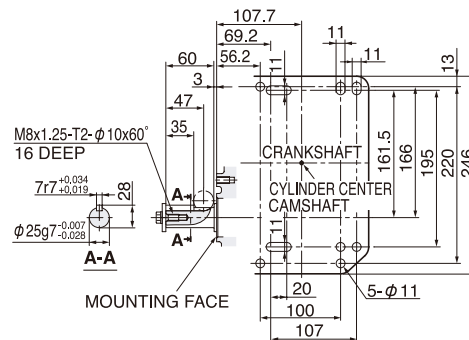
D type VIEW Z



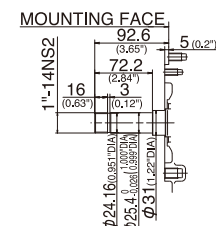
SAE "B" FLANGE



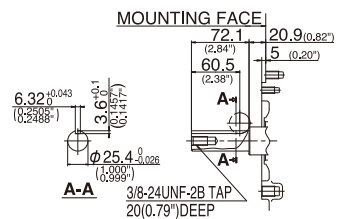
GENERATOR SHAFT EXTENSION (DH)



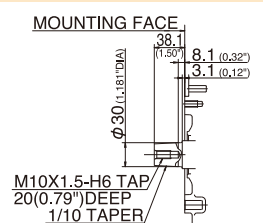
B type VIEW Z



PUMP SHAFT EXTENSION (DP)



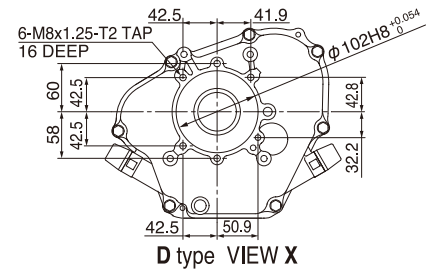
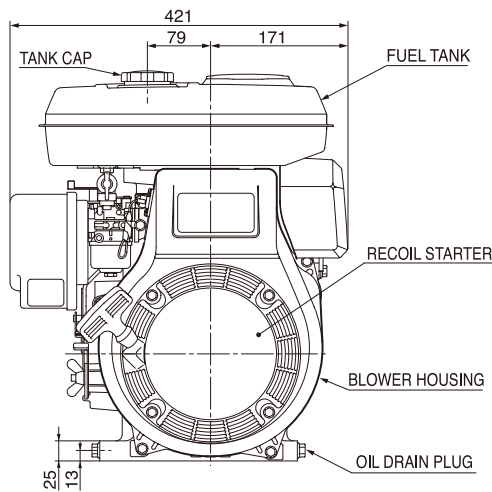
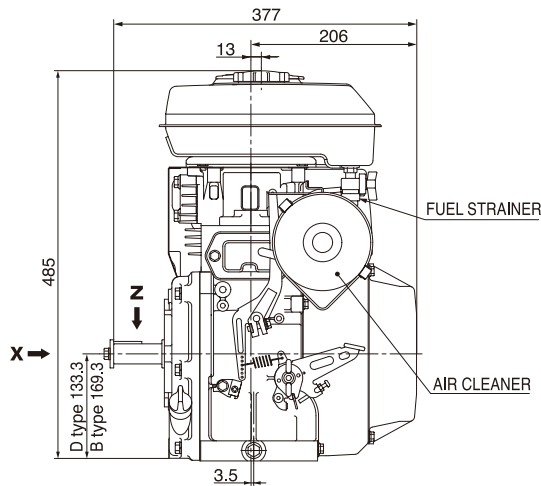
KEYWAY SHAFT SAE STD (DU)



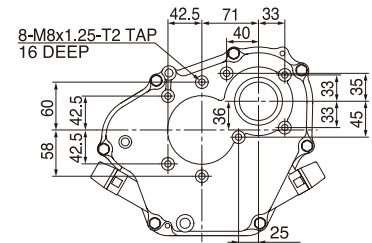
STANDARD TAPER SHAFT



EH34D/34B

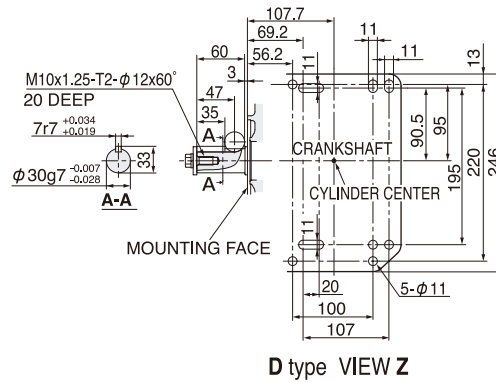
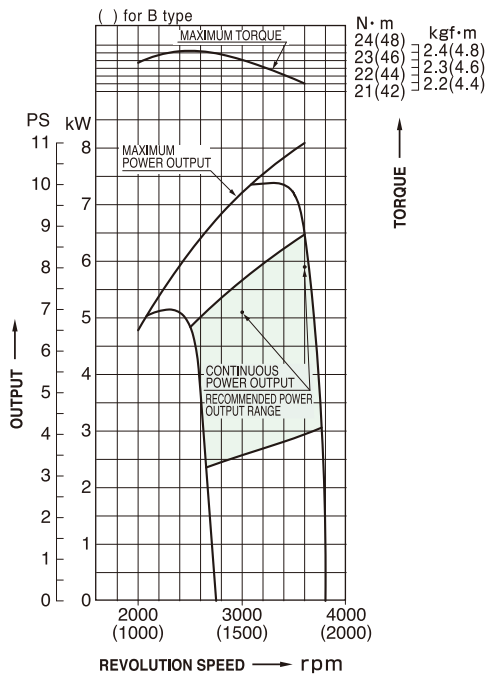


D type VIEW X

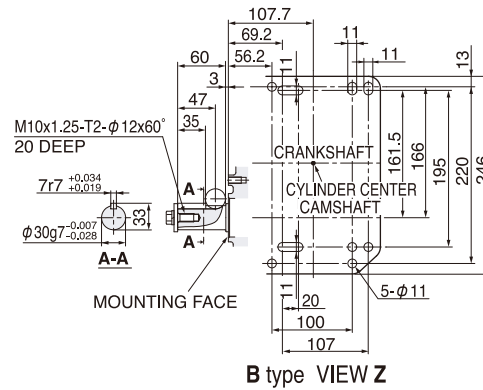


B type VIEW X

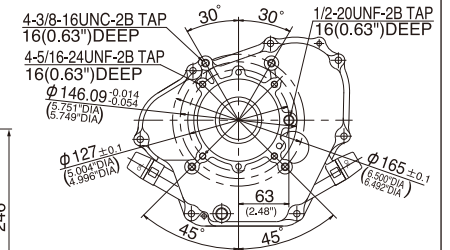
PERFORMANCE CURVES



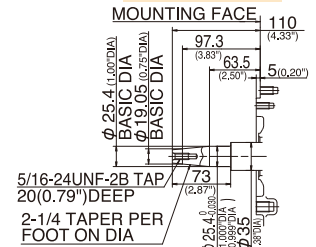
D type VIEW Z



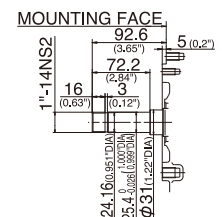
B type VIEW Z



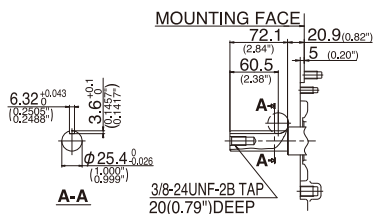
SAE "B" FLANGE



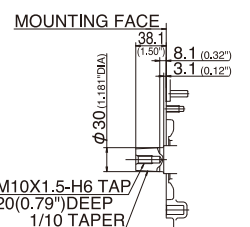
GENERATOR SHAFT EXTENSION (DH)



PUMP SHAFT EXTENSION (DP)



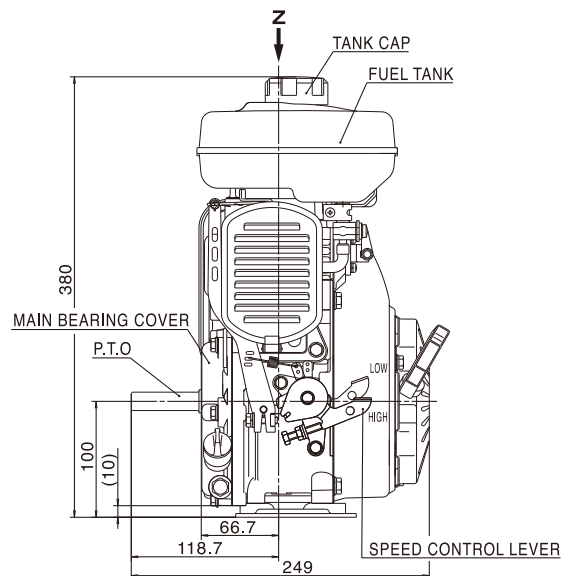
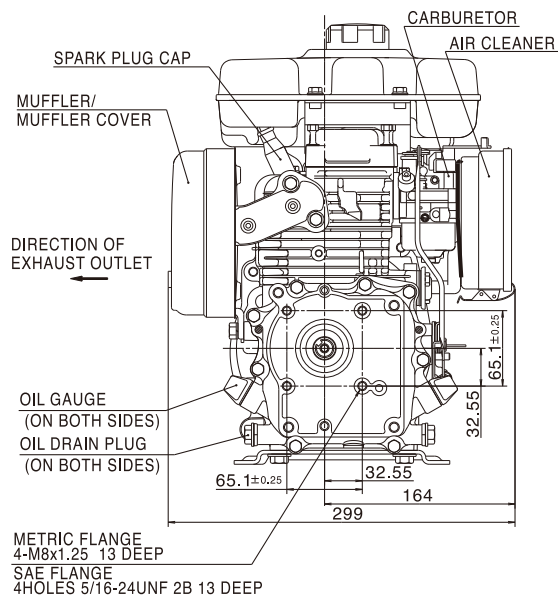
KEYWAY SHAFT SAE STD (DU)



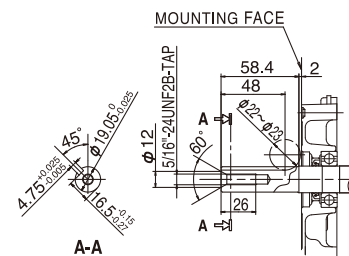
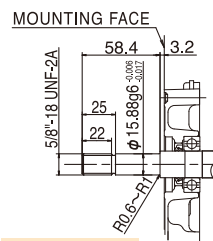
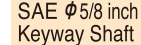
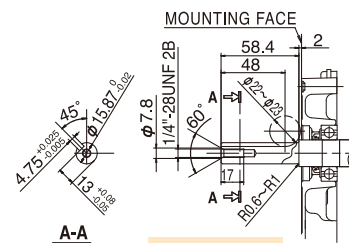
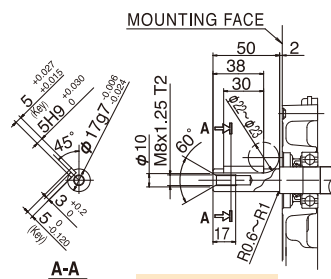
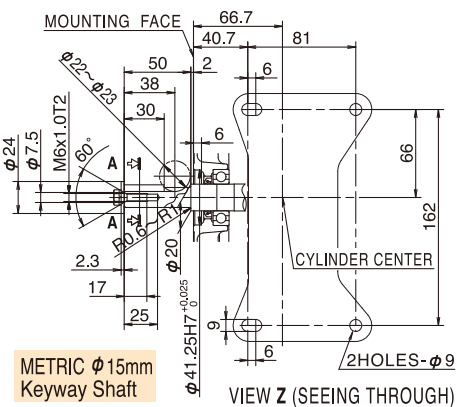
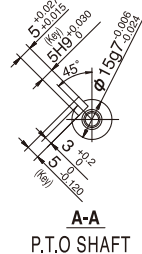
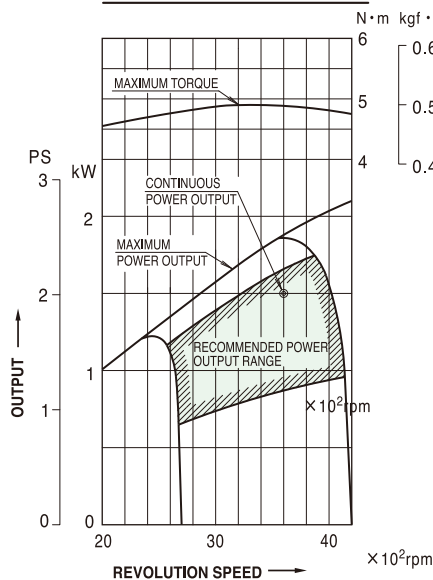
STANDARD TAPER SHAFT



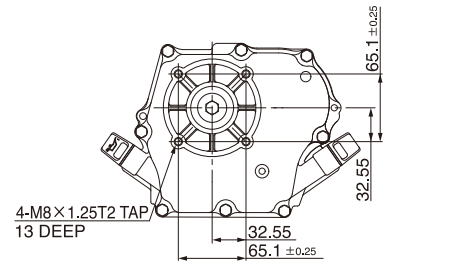
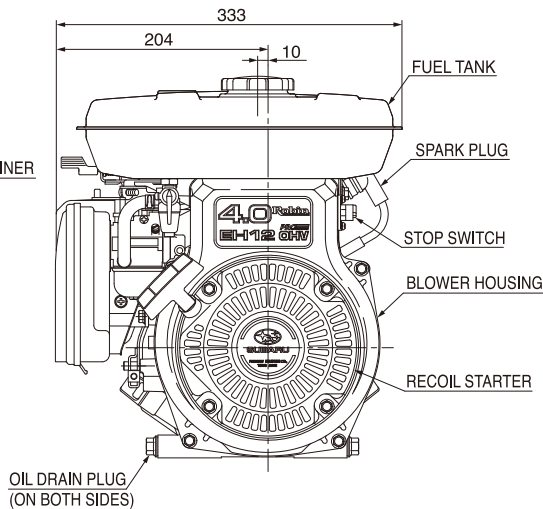
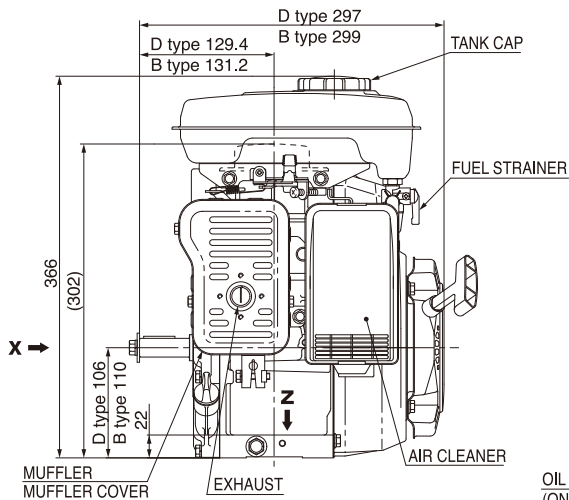
EH09-2D



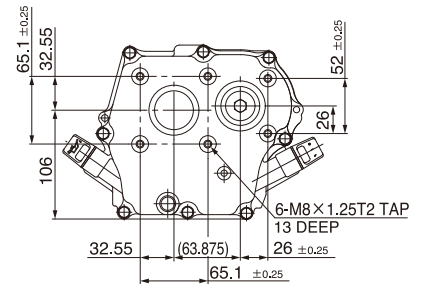
PERFORMANCE CURVES



EH12-2D/12-2B

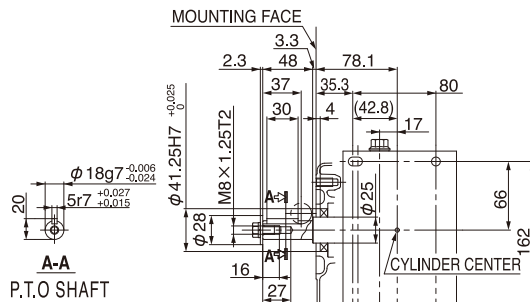
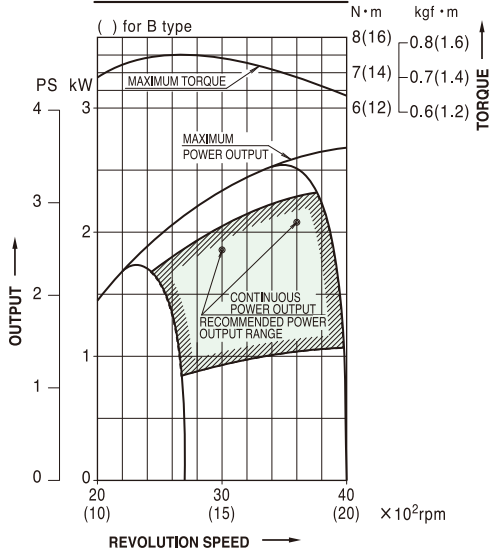


D type VIEW X

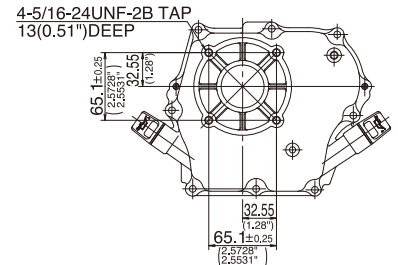


B type VIEW X

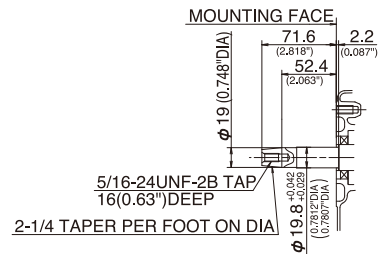
PERFORMANCE CURVES



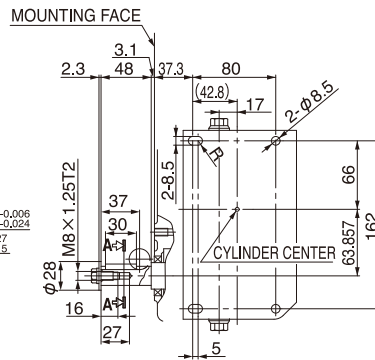
D type VIEW Z



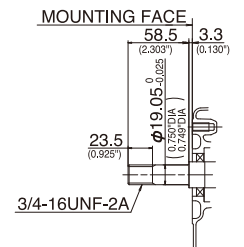
SAE"A"FLANGE



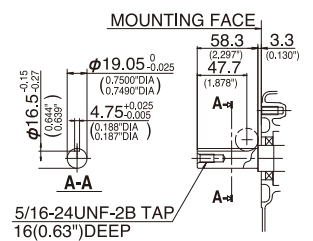
GENERATOR SHAFT EXTENSION (DH)



B type VIEW Z



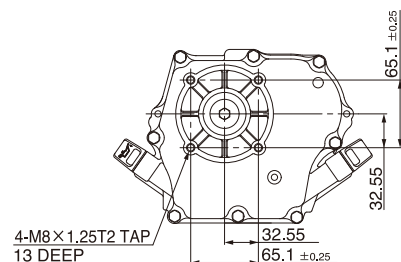
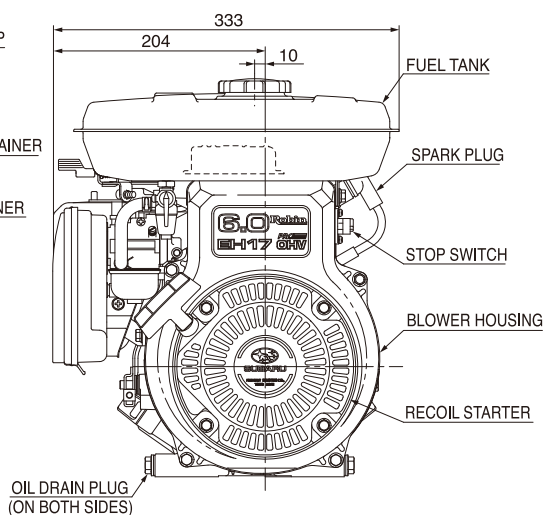
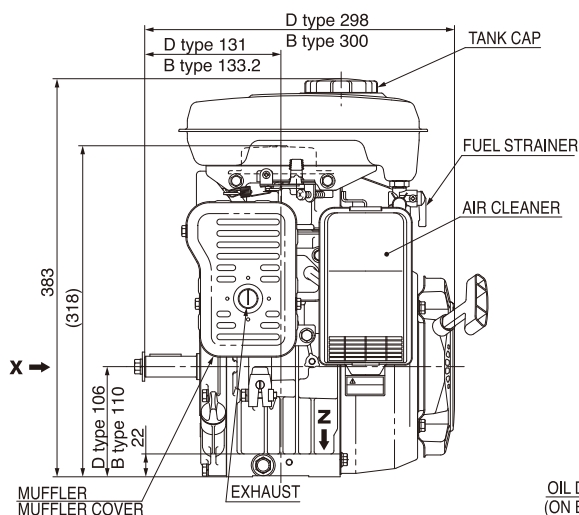
PUMP SHAFT EXTENSION (DP)



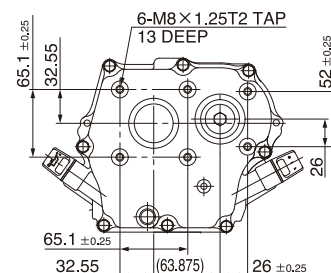
KEYWAY SHAFT SAE STD (DU)



EH17-2D/17-2B

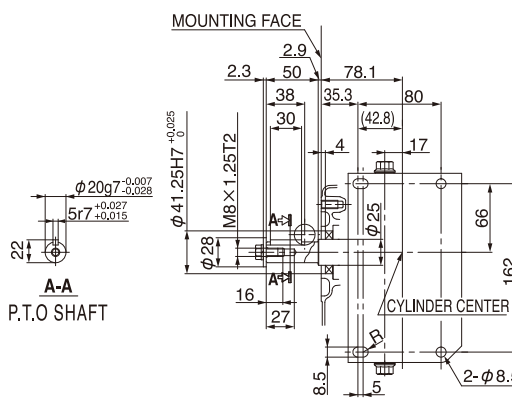
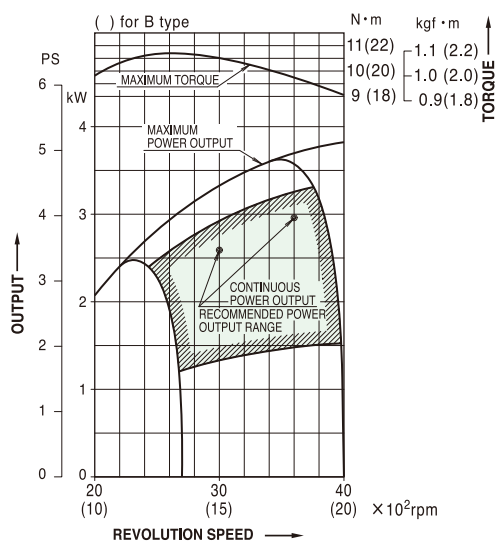


D type VIEW X

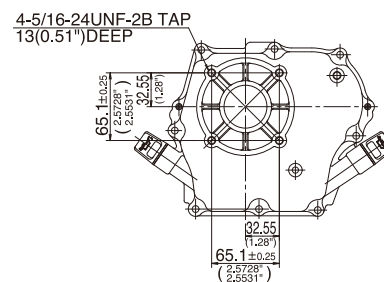


B type VIEW X

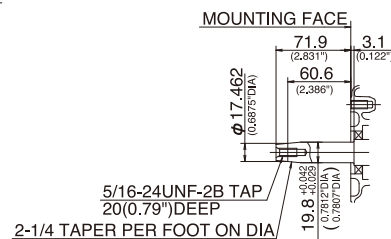
PERFORMANCE CURVES



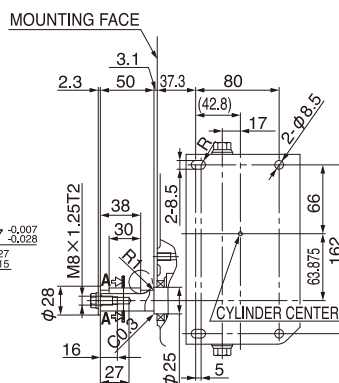
D type VIEW Z



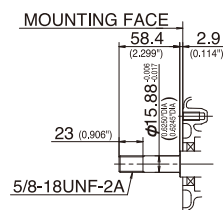
SAE "A" FLANGE



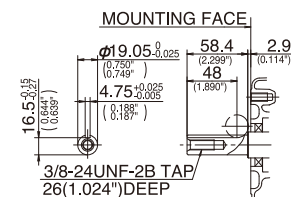
GENERATOR SHAFT EXTENSION (DH)



B type VIEW Z



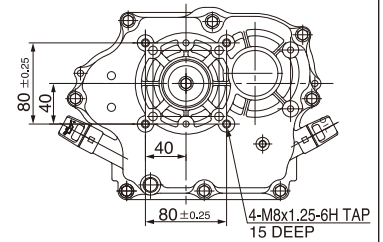
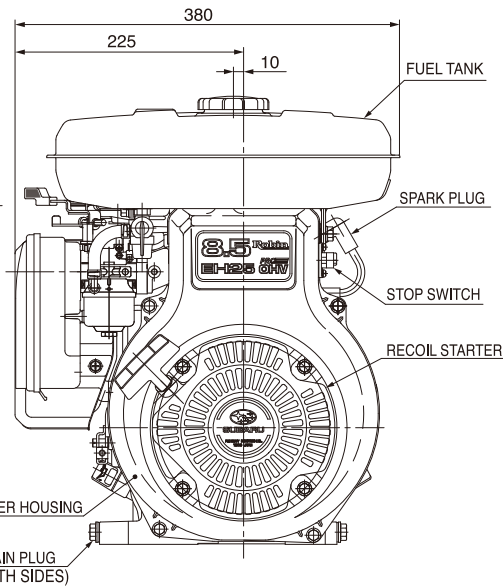
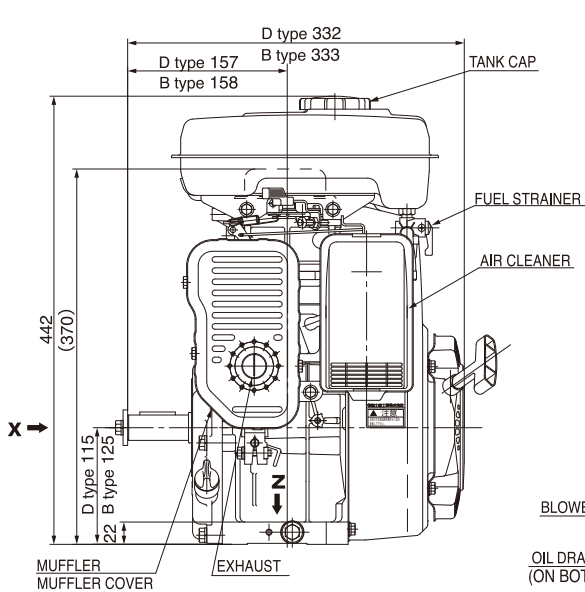
PUMP SHAFT EXTENSION (DP)



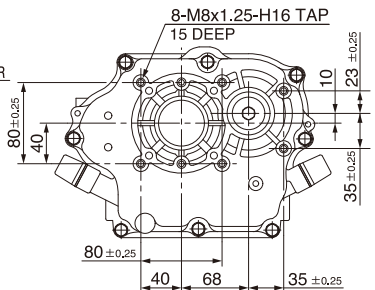
KEYWAY SHAFT SAE STD (DU)



EH25-2D/25-2B

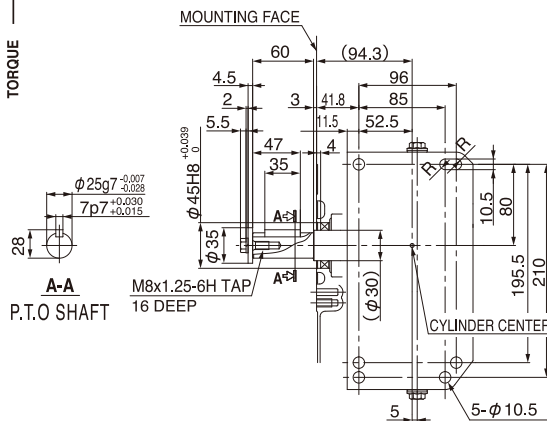
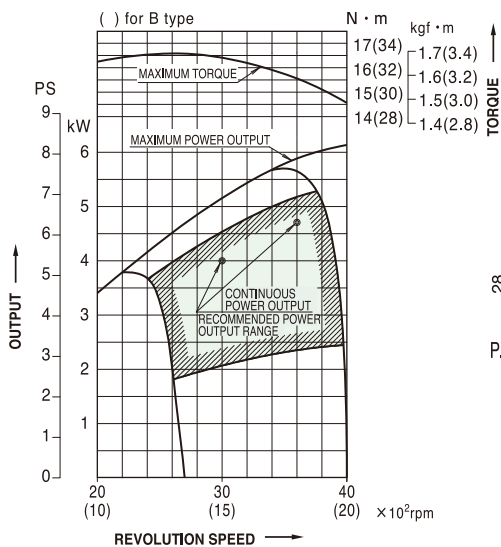


D type VIEW X

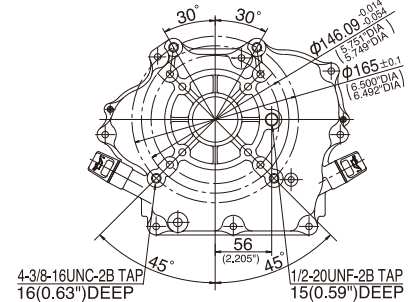


B type VIEW X

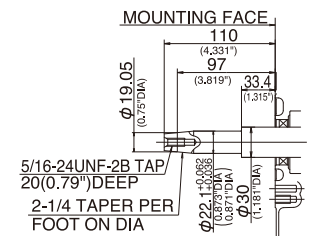
PERFORMANCE CURVES



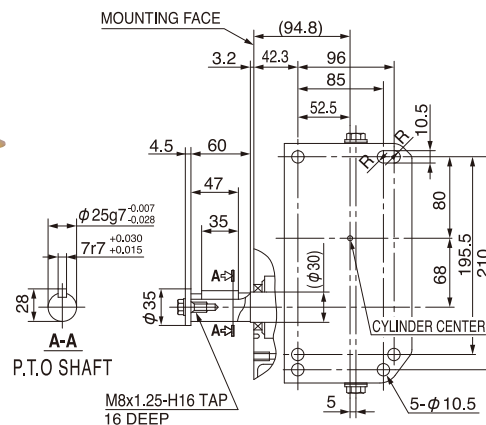
D type VIEW Z



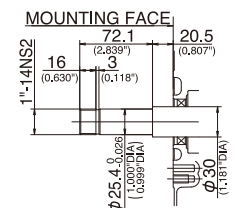
SAE B FLANGE



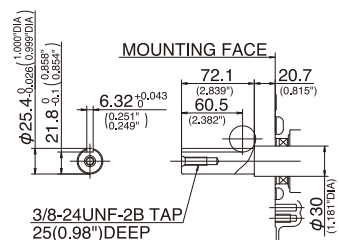
GENERATOR SHAFT EXTENSION (DH)



B type VIEW Z



PUMP SHAFT EXTENSION (DP)



KEYWAY SHAFT SAE STD (DU)



SPECIFICATIONS

Model	EH12-2D	EH12-2B	EH17-2D	EH17-2B	EH25-2D	EH25-2B
Type	Air-cooled, 4-cycle, single cylinder, horizontal PTO shaft, OHV, gasoline engine					
Bore×Stroke mm(in.)	60×43(2.36×1.57)		67×49(2.64×1.93)		75×57(2.95×2.24)	
Piston displacement ml(cu.in.)	121(7.38)		172(10.50)		251(15.31)	
Continuous output kW[PS](HP)/rpm	2.12.8/3600 1.82.5/3000	2.12.8/1800 1.82.5/1500	2.94.0/3600 2.63.5/3000	2.94.0/1800 2.63.5/1500	4.76.4/3600 4.05.5/3000	4.76.4/1800 4.05.5/1500
Maximum output kW[PS](HP)/rpm	2.94.0/4000	2.94.0/2000	4.46.0/4000	4.46.0/2000	6.38.5/4000	6.38.5/2000
Maximum torque N·m[kgf·m] (lbf·ft)/rpm	7.5[0.76] (5.53)/2600	14.9[1.52] (10.99)/1300	10.7[1.09] (7.89)/2600	21.4[2.18] (15.78)/1300	16.6[1.69] (12.24)/2600	33.1[3.38] (24.41)/1300
Direction of rotation	Counter clockwise as viewed from PTO shaft side					
Fuel	Automobile unleaded gasoline					
Fuel Tank capacity liter(us gal.)	3.6 (0.95)				6.0 (1.59)	
Lubricant	Automobile oil SAE #20, #30, 10W—30, class SE or higher					
Lubrication	Splash type					
Lubricating oil capacity liter(us gal.)	0.6 (0.16)		0.65 (0.17)		1.0 (0.26)	
Carburetor	Horizontal draft, float type					
Ignition system	Flywheel magneto (solid state)					
Starter	Recoil starter (Electric starter as option)					
Spark Plug	NGK B6ES		NGK B6HS			
Governor	Centrifugal flyweight type					
Type of Reduction	—	1/2gear type	—	1/2gear type	—	1/2gear type
Dry weight kg(lb)	15 (33.1)	15.5 (34.2)	16 (35.5)	16.5 (36.4)	23 (50.7)	24 (52.9)
Dimensions length×width×heigh mm(in.)	297×333×366 (11.69×13.11×14.41)	299×333×366 (11.77×13.11×14.41)	298×333×383 (11.73×13.11×15.08)	300×333×383 (11.81×13.11×15.08)	332×380×442 (13.07×14.96×17.40)	333×380×442 (13.11×14.96×17.40)

Model	EH30D	EH30B	EH34D	EH34B	EH09-2D
Type	Air-cooled, 4-cycle, single cylinder, horizontal PTO shaft, OHV, gasoline engine				
Bore × Stroke mm(in.)	78 × 61(3.07 × 2.40)		84 × 61(3.31 × 2.40)		51 × 42(2.01 × 1.65)
Piston displacement ml(cu.in.)	291(17.16)		338(20.63)		86(5.24)
Continuous output kW[PS](HP)/rpm	5.17.0/3600 4.46.0/3000	5.17.0/1800 4.46.0/1500	5.98.0/3600 5.17.0/3000	5.98.0/1800 5.17.0/1500	1.52.0/3600
Maximum output kW[PS](HP)/rpm	6.69.0/3600	7.410.0/2000	8.111.0/3600	8.812.0/2000	2.12.9/4200
Maximum torque N·m[kgf·m](lbf·ft)/rpm	19.1[1.95] (14.09)/2500	38.2[3.90] (28.17)/1250	23.6[2.41] (17.41)/2500	47.3[4.82] (34.89)/1250	4.9[0.5] (3.61)/3600
Direction of rotation	Counter clockwise as viewed from PTO shaft side				
Fuel	Automobile unleaded gasoline				
Fuel Tank capacity liter(us gal.)	6.0 (1.59)				1.5 (0.4)
Lubricant	Automobile oil SAE #20, #30, 10W-30, class SE or higher				
Lubrication	Splash type				
Lubricating oil capacity liter(us gal.)	1.2 (0.32)				0.3 (0.079)
Carburetor	Horizontal draft, float type				
Ignition system	Flywheel magneto (solid state)				
Starter	Recoil starter (Electric starter as option)				Recoil starter
Spark Plug	NGK B6ES				NGK BMR4A
Governor	Centrifugal flyweight type				
Type of Reduction	—	1/2gear type	—	1/2gear type	—
Dry weight kg(lb)	30 (66.1)	31 (68.3)	30 (66.1)	31 (68.3)	9.9 (21.8)
Dimensions length × width × height mm(in.)	377 × 421 × 485 (14.84 × 16.57 × 19.09)				249 × 299 × 380 (9.80 × 11.77 × 14.96)

Specifications are subject to change without notice.



FUJI HEAVY INDUSTRIES LTD.
INDUSTRIAL PRODUCTS COMPANY

4-410 ASAH, KITAMOTO-SHI, SAITAMA, 364-8511, JAPAN
TEL: +81-48-593-7798, FAX: +81-48-593-7946
<http://www.fhi.co.jp/robin/>



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