



PORTABLE DIESEL ENGINE

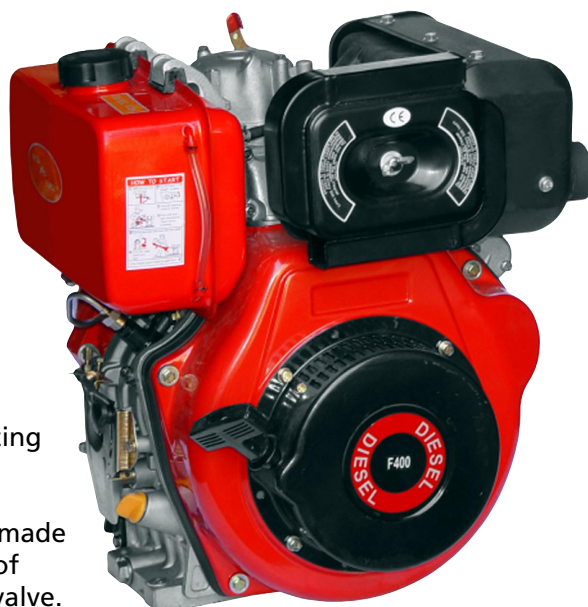


FEATURES:

- Compact
- Light in weight
- Easy to start
- Convenient, economical & reliable
- Easy to maintain
- CE Marked

APPLICATIONS:

can be used for industrial, agriculture, fire pumps and marine auxiliary machines. Widely used in irrigation, spray, transplanting rice seed, threshing, tillage, grass cutting, feting soil sample, marine engine, light-type transport vehicle, movable compressor, light type power generating etc. Tested 1000 hours without any problem. Our crankshaft is made of 35CrMoAl, instead of 40Cr. And our bearings are made of NSK, NTN. Along with oil seal in intake valve and exhaust valve.



MAIN FEATURE:

Direct spraying combustion system. Recoil manual starter or electric starter for selection. Air Cooling by force system. Structure of crankshaft box with side cover fixed type. The fan cover made by low noise composite steel.

MF series air cooling, direct spraying 4-cycle diesel engine

is economical & reliable diesel engine. The machine is compact in structure, small in size, light in weight, easy to start, safe in operating and simple in maintenance.

A little engine built to stand up to hard work. The design, structure and materials combine to form a rugged, hard working machine. With tough but lightweight alloys used for main engine parts, an extra tough crankshaft and an overall simplified structure is a compact package of power.

Fast, effortless starts from a one-pull recoil starter A short and smooth pull of the toggle kicks off the engine, as simple as a gasoline model. It is made easy by a special auto-return decompressor and MEGAFORCE's own efficient combustion system. Electric starting is also can be used as a full option.

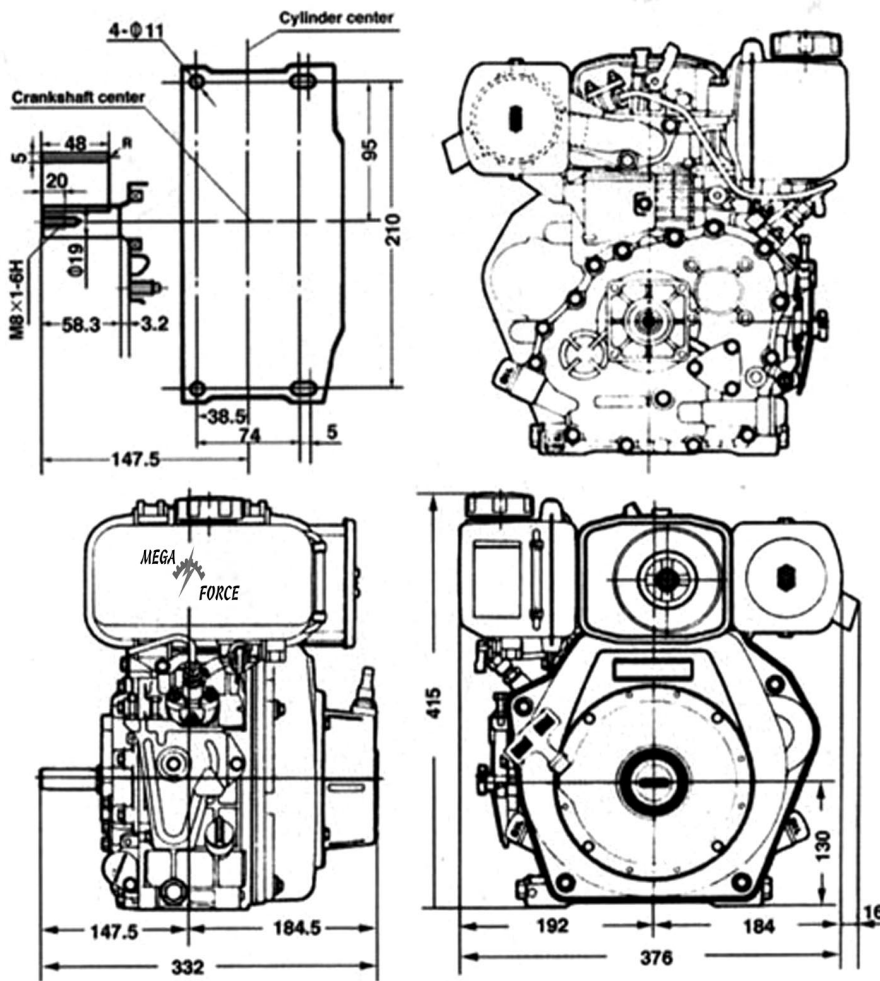
Specifications				
Model	MF200	MF210	MF300	MF400
Type	Single-cylinder vertical 4-cycle air-cooled direct spraying diesel engine			
Displacement cc	199	211	296	406
Bore x stroke mm	68x55	70x55	78x62	86x70
Speed rpm	3000 3600	3000 3600	3000 3600	3000 3600
Maximum out power H.P.	3.8 4.2	4.2 4.7	6.1 6.7	8.8 10.0
Continuous out power H.P.	3.4 3.8	3.8 4.2	5.5 6.0	7.7 9.0
Fuel consumption g/hp	211 220	209 218	206 215	201 210
Power take off	Crankshaft or camshaft (Camshaft PTO rpm is 1/2), Crankshaft: keyway shaft, Thread shaft, Taper shaft.			
Starting system	Recoil or Recoil/Electric			
Fuel tank capacity	2.5	2.5	3.5	5.5
Lub oil capacity	0.75	0.75	1.1	1.65

Lichfield Fire & Safety Equipment Co. Ltd

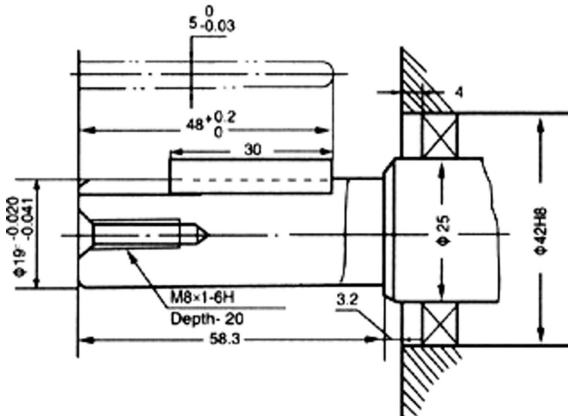
2nd Floor | Suite 4 | Saturn Centre | Spring Road | Ettingshall | Wolverhampton | WV4 6JX | United Kingdom
 Tel: +44 (0) 870 066 4401 | Fax: + 44 (0) 870 066 4402 | E-mail: info@lifeco-uk.com | www.lifeco-uk.com

PORTABLE DIESEL ENGINE MF210

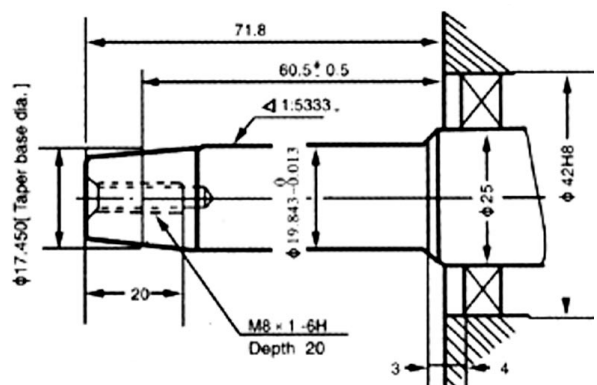
DIMENSIONS



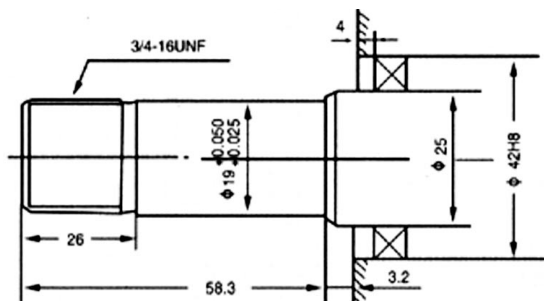
Air cooled diesel engine PTO dimension.



Crankshaft PTO Keyway shaft, Application code: D



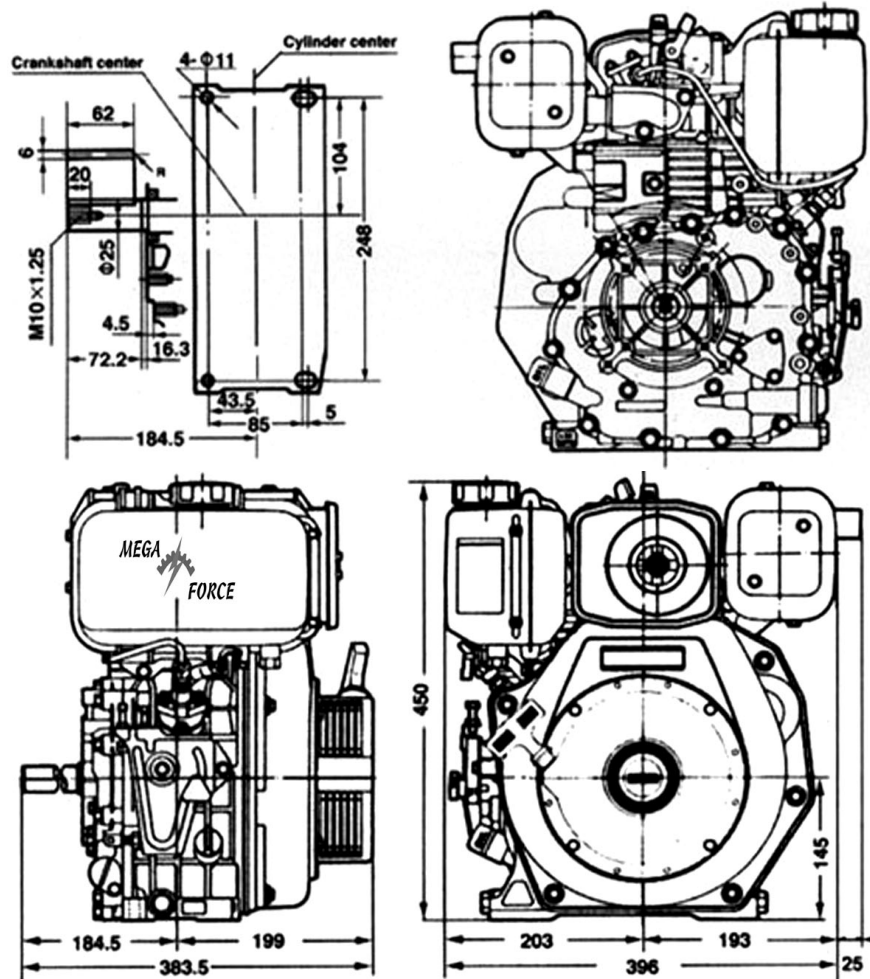
Crankshaft PTO Taper shaft, Application code: DG



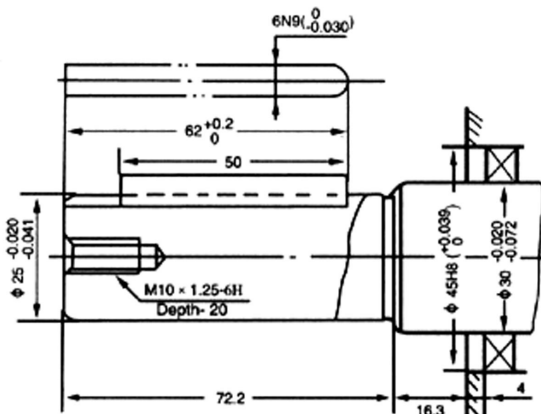
Crankshaft PTO Thread shaft, Application code: DW

PORTABLE DIESEL ENGINE MF300

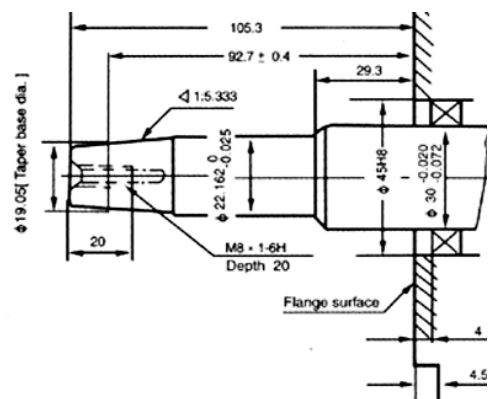
DIMENSIONS



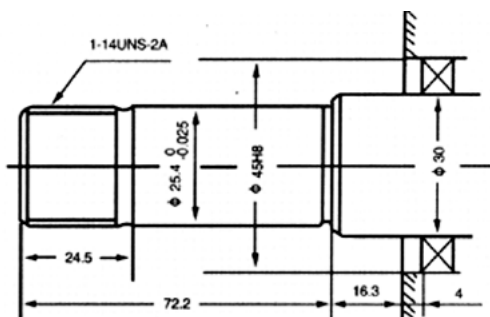
Air cooled diesel engine PTO dimension.



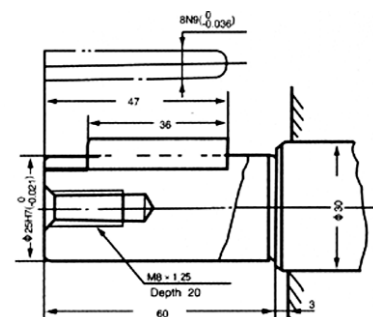
Crankshaft PTO Keyway shaft, Application code: D



Crankshaft PTO Taper shaft, Application code: DG



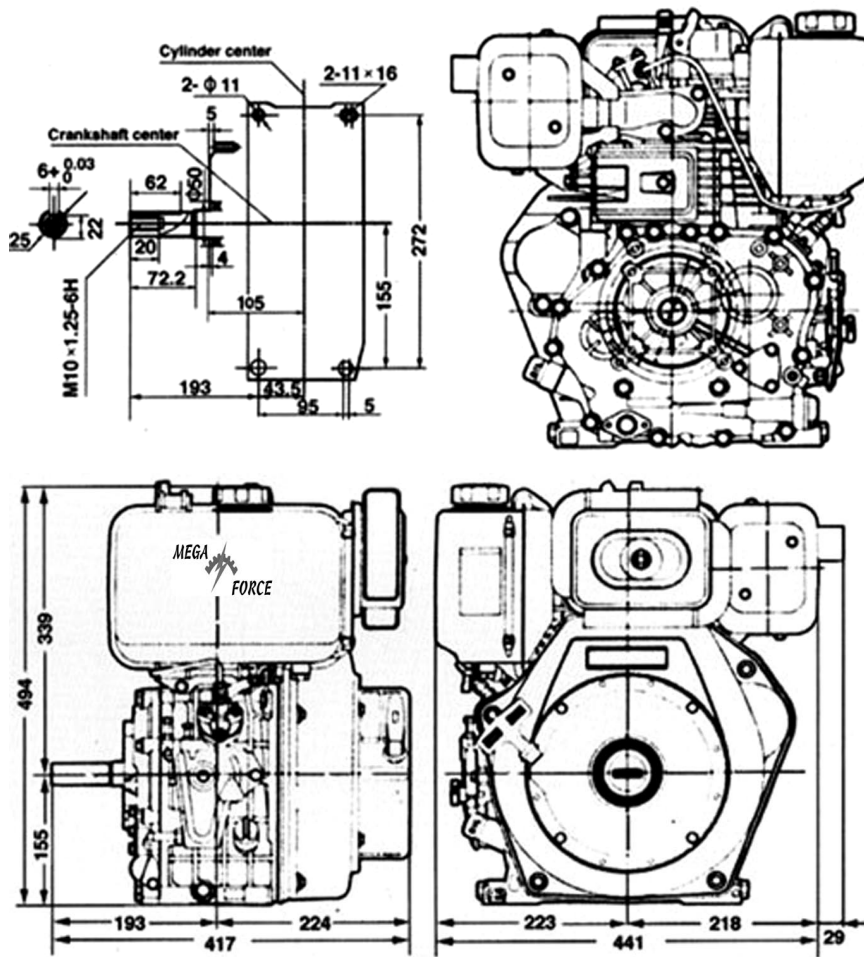
Crankshaft PTO Thread shaft, Application code: DW



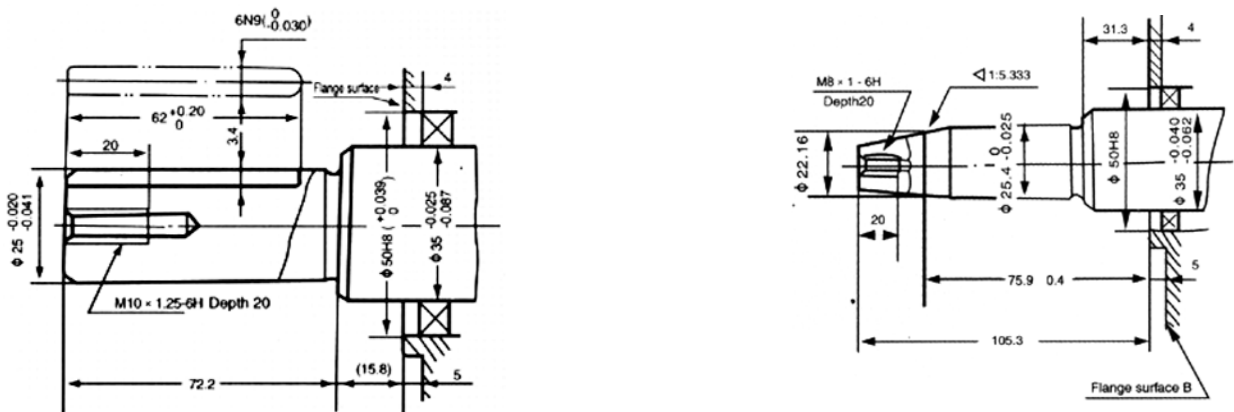
Crankshaft PTO Keyway shaft, Application code: S

PORTABLE DIESEL ENGINE MF400

DIMENSIONS

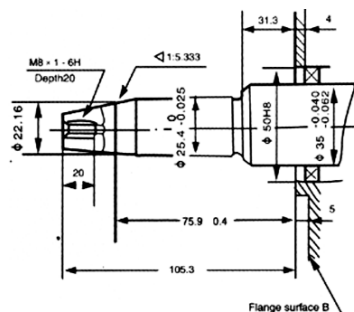


Air cooled diesel engine PTO dimension.



Crankshaft PTO Keyway shaft, Application code: D

Crankshaft PTO Taper shaft, Application code: DG



Crankshaft PTO Thread shaft, Application code: DW