

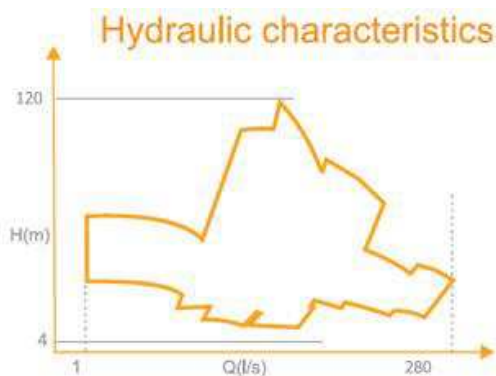
## MOBIL PUMP AGGREGATE

### MPA

Mobil pump aggregate MPA is new product on market regarding its simple construction, capability of reaching high pressures, small sizes minimum weight, easy for moving and also easy maintenance. Single stage centrifugal pump is coupled with diesel motor. Coupling is direct to the housing of flywheel or to the engine, and the shaft is coupled to the flywheel through the electric coupling. Those aggregates with good design and small proportions are put on easy moving trolley with two or four wheels and with adjustable pole, regarding the height, for connection of the motor vehicle or tractor. Trolley is equipped with signal lights and hand brake.

For self-priming, is equipped with an injector as a self-priming device.

The injector works by means of using the outlet exhausted gases from the diesel engine.



### Advantages:

- Mobility
- Easy maintenance
- Application in areas without electrical supply
- Self priming – provided from exhaust gases of the diesel motor (there is no need of loading the suction pipeline with water)

### Drive:

- Diesel motor
- Tractor with cardan shaft

### Technical data:

Capacity: up to 280 (l/s))

Head: up to 120 (m)

Suction lift ~4-6 (m).

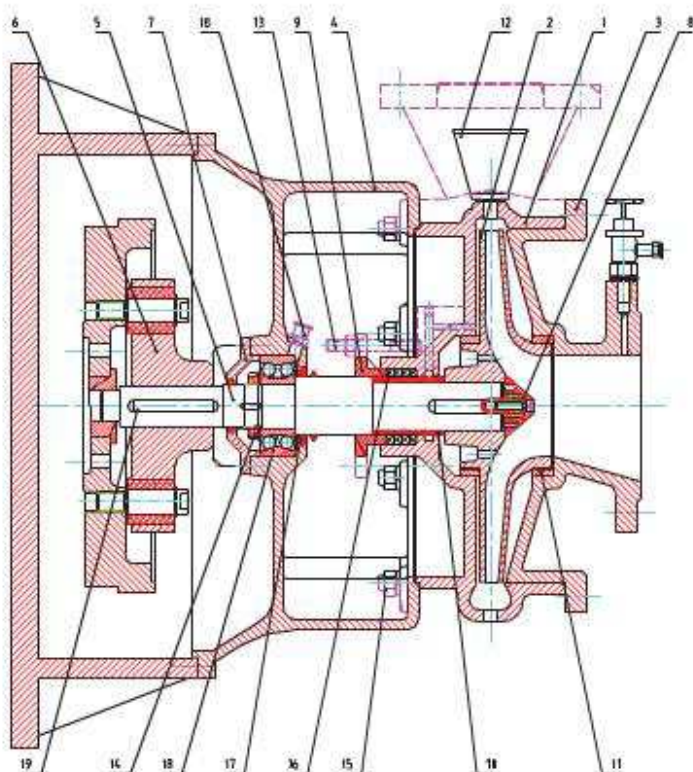
### Applications:

- Irrigate with artificial rain
- Surface irrigate
- Drainage
- Agriculture, industry, civil engineering
- Anti-fire purpose

Pos.	Component	Material
1	Pump Case	Cast Iron
2	Impeller	Cast Iron
3	Shaft	Stainless steel
4	Shaft sleeve	Stainless steel
5	Bearing bracket	Cast Iron
6	Pump cover	Cast Iron

Optional materials: Cast iron (Gray, Ductile), Cast steel, SS (AISI 304, 316), Duplex SS, Super duplex SS, Bronze, Al, other on request.

## OVERVIEW



- 01. Pump casing
- 02. Impeller
- 03. Suction cover
- 04. Connection element
- 05. Shaft
- 06. Coupling
- 07. Bearing cover
- 08. Special screw
- 09. Gland
- 10. Shaft sleeve
- 11. Wear ring
- 12. Funnel
- 13. Stud bolts
- 14. Lock nut
- 15. Stud bolts
- 16. Soft packing
- 17. Felt ring
- 18. Bearing
- 19. Key
- 20. Grease cup

- 01. Pump
- 02. Truck
- 03. Diesel engine
- 04. Suction pipe with a suction seal
- 05. Check valve
- 06. Accumulator
- 07. Light

