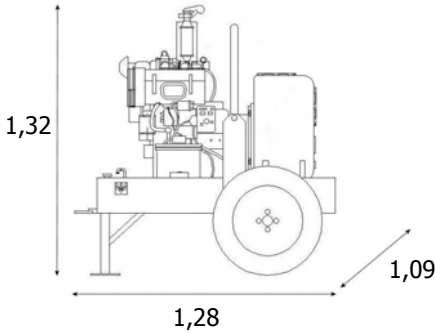




### Overall dimensions (mt)



#### Materials used

Pump casing: cast iron G25  
 Impeller: cast iron G25 (on request ss aisi 316)  
 Front wear plate: cast iron G40 (on request ss aisi 316)  
 Rear wear plate: cast iron G40 (on request ss aisi 316)  
 Mechanical seal: silicon carbide-ceramic  
 Shaft: stainless steel aisi 420 (on request ss aisi 316)

Code: 57 67040100022

# BWF 121 VM2105E2

SELF-PRIMING CENTRIFUGAL PUMP

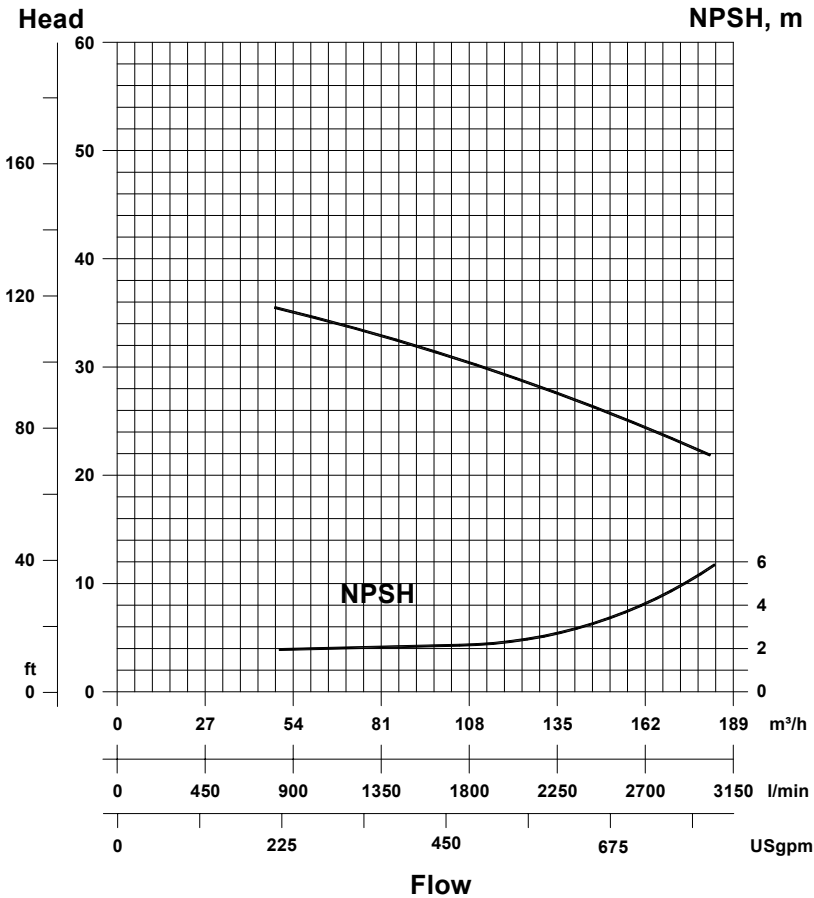
### Product description

Self-priming centrifugal engine diesel driven pump to be used for ground dewatering and any water-handling operations where electric power is not available.

Pumping of water with sand and gravel is allowed by pump robustness and a large impeller throughlet.

The pump shall not run without water inside. The pump is mounted on a trolley with support foot, draw bar and lifting/protective bar.

### Performance curve



### Technical data

Impeller diameter	278 mm
Impeller throughlet	45 mm
Impeller blades no	3
Suction diameter	100 mm
Discharge diameter	100 mm
Motor displacement	1992 cm <sup>3</sup>
Rated power	22 kW
Cylinders no	2
Nominal speed	1800 r.p.m.
Consumption	6,1 l/h
Supply	Diesel oil
Motor cooling	Air
Liquid temperature	max 70 °C
Liquid density	Max 1.100 kg/m <sup>3</sup>
pH of pumped liquid	5,5   9,0
Fuel tank	60 l
Electrical starting	
Options:	
Coupling joints, Wellpoint accessories, Dewatering accessories	

The pump unit shall not be used in explosive or flammable environments. The maker reserves to itself the right to make changes without notice.

