

# A 30M



Spesifikasi Mesin: 10 Ps/12 Hp 2500 Rpm  
Kapasitas: 2000 Liter  
Merk: Sanyo

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**FIGURE 1** Schematic of a 2D M

Geometry	2D rectangular
Flow Domain	1000x1000
Material	Water
Boundary	Inlet: 1000x1000
Outlet	1000x1000
Top	1000x1000
Bottom	1000x1000
Left	1000x1000
Right	1000x1000
Top	1000x1000
Bottom	1000x1000
Left	1000x1000
Right	1000x1000
Top	1000x1000
Bottom	1000x1000
Left	1000x1000
Right	1000x1000



**FIGURE 2** Velocity profiles at different stages of the simulation. The top graph shows the velocity profile at the inlet, the middle graph shows the velocity profile at the outlet, and the bottom graph shows the velocity profile at the top of the domain.

The velocity profiles at different stages of the simulation are shown in Figure 2. The top graph shows the velocity profile at the inlet, the middle graph shows the velocity profile at the outlet, and the bottom graph shows the velocity profile at the top of the domain.



**FIGURE 3** Schematic of a 2D M with a central obstacle, a circular obstacle, and a velocity profile.

The schematic of a 2D M with a central obstacle, a circular obstacle, and a velocity profile is shown in Figure 3.



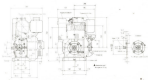
## TECHNICAL INFORMATION

Design Standards  
Design  
Code of Practice  
BSI Standards  
Specification of Concrete Structures  
Code of Practice for  
Structures  
Structural Materials  
Structural Reinforcement  
Structural Connections  
Structural Steelwork  
Structural Steelwork - Installation  
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## REVISIONS - DETAILS



## Technique 1175 - Formulas (AM)

Area of Circle (Area of Circle)		$\pi r^2$
Volume of Sphere (Volume)		$\frac{4}{3}\pi r^3$
Volume of Cylinder (Volume)		$\pi r^2 h$
Area of Rectangle (Area)	$l$	$w$
Perimeter of Square (Perimeter)	$s$	$4s$
Area of Square (Area)	$s$	$s^2$
Volume of Rectangular Prism (Volume)	$l$	$w$
Area of Triangle (Area)	$h$	$b$
Area of Circle (Area)	$r$	$\pi r^2$
Area of Square (Area)	$s$	$s^2$
Area of Rectangle (Area)	$l$	$w$
Area of Circle (Area)	$r$	$\pi r^2$
Area of Square (Area)	$s$	$s^2$
Area of Rectangle (Area)	$l$	$w$
Area of Circle (Area)	$r$	$\pi r^2$
Area of Square (Area)	$s$	$s^2$
Area of Rectangle (Area)	$l$	$w$
Area of Circle (Area)	$r$	$\pi r^2$
Area of Square (Area)	$s$	$s^2$
Area of Rectangle (Area)	$l$	$w$
Area of Circle (Area)	$r$	$\pi r^2$
Area of Square (Area)	$s$	$s^2$

### 12 G Average Rates: Average Velocity



### 12 G.3.3

- Interpret the slope of a graph in terms of the rate of change of a quantity.
- Calculate the slope of a graph of a function on a Cartesian coordinate system.

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**EXHAUST SYSTEMS**

Exhaust  
Exhaust  
Exhaust  
Exhaust  
Exhaust  
Exhaust  
Exhaust

**WATER**

Water  
Water  
Water  
Water  
Water  
Water

**WHEELS**

Wheels  
Wheels

**STEERING SYSTEM**

Steering  
Steering  
Steering  
Steering  
Steering  
Steering  
Steering

**GENERATOR**

Generator  
Generator  
Generator  
Generator

**HOSE END**

Hose  
Hose

