



**380 - 480 V Three-Phase
90 kW to 355 kW**

A1000 Inverter Series IP23 / IP54 Floor Standing Panel

With the A1000 floor standing frequency inverter YASKAWA offers a cabinet design concept which now makes installation and commissioning of the A1000 Inverter even easier. Configured according to customer requirements and installed in the control cabinet the drive system is instantly ready for use.

Characteristics

- ▶ EMC filter (TN or IT network), mains switch with or without door handle, braking option, circuit breaker, fuses, reactors optional
- ▶ Separate air ducts for power section and control section ensure optimal cooling and reduce impurification of electronic parts
- ▶ Door mounted clear text LCD panel as standard (choose between 13 languages)
- ▶ Optional cabinet extension left or right for the installation of customer specific components such as power supplies, controller or similar equipment
- ▶ Available in IP23/IP54

Benefits

- ▶ Easy configuration
- ▶ Reliable operation thanks to carefully selected and tested components (mechanical, thermal, EMC)
- ▶ One point of contact for planning, procurement, commissioning and services
- ▶ Reduced time and cost for installation and commissioning

Applications



HVAC



Fan



Pump



Compressor



Conveyor



Crane



Extruder

Standard Specifications

Dimensions

Model Code	Figure	Max. appl. Motor Power (kW)		Dimensions (cm) Standard Unit				
		HD	ND	W	H	D		
A140208□0A000	1	90	110	620	2350	600		
A140250□0A000		110	132					
A140296□0A000		132	160					
A140362□0A000		160	185					
A140414□0A000	2	185	220	800	2350	600		
A140515□0A000	3	220	315	1200				
A140675□0A000		315	355					

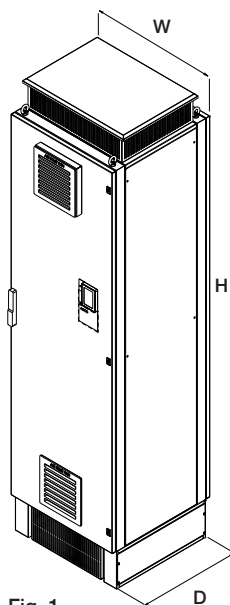


Fig. 1

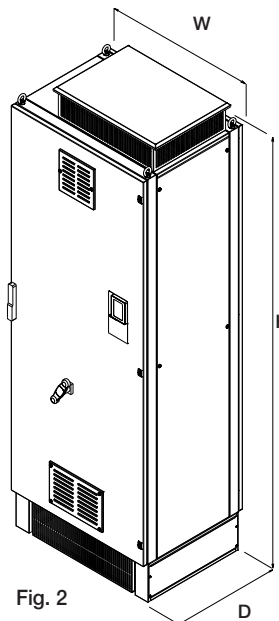


Fig. 2

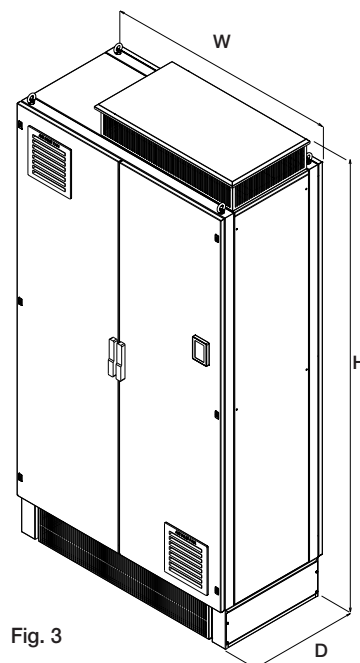


Fig. 3

Input / Output

- ▶ **8 Multi functional digital inputs**
Sinking / Sourcing mode selectable
External power supply usable (24 VDC)
- ▶ **Multi functional pulse train input (up to 32 kHz)**
Easy synchronising with other drives
- ▶ **3 Multi functional analog inputs**
Voltage / Current / PTC input selectable
- ▶ **Fault output**
Relay output
250 VAC 10 mA ... 1 A
- ▶ **Functional safety**
2 Channel Safe Torque Off (EN ISO 13849-1, PLd)
- ▶ **3 Multi functional digital outputs**
Relay (N. O. or N. C. programmable)
- ▶ **Multi functional pulse train output up to 32 kHz**
Easy synchronizing with other drives
- ▶ **2 Multi functional analog outputs**
Voltage / Current selectable
- ▶ **External Device Monitor (EDM)**
Status for Safe Torque Off function

International Standards



Safety Standards



Safe Torque Off

RoHS Directive

RoHS Directive stands for the EU directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment

