



## Altivar 340: Superior machine performance



Modular W/o E      With Ethernet

### Power and Voltage Range:

- 0.75kW - 75kW, Ethernet Embedded 380...480 V - 15...10 %
- 0.75kW - 22kW, W/o Ethernet 380...480 V - 15...10 %

### Number of integrated I/O

Built in	DI	DO	RO	AI	AO
Up to 22kW	5	2	2	2	1
Above 30 Kw	8	1	3	3	2

### Integrated Communication

Single port compatible with CANopen and Modbus Serial line (up to 22kW) Ethernet IP (0.75kW to 75kW)

### Optional Communication

Ethernet IP and Modbus TCP, CANopen RJ45 Daisy Chain, Sub-D, and screw terminals, PROFINET, Profibus DP V1, EtherCAT, DeviceNet and PowerLink

[Catalog link ATV340](#)

### Superior performance

- Ability to run async, sync & PM motors
- 150% overload for 60 sec (HD) (Provision of 120% overload for 60 sec/ND)
- Better dynamic response in Close loop
- Embedded TTL Encoder D9 port up to 22kW.
- Pulse Control PTI –PTO
- Built in Dual Port Ethernet IP .
- Built in hoisting function with brake logic
- DC bus sharing
- 1ms task cycle.
- Multimotor Configuration support,

### Cost and space saving

- Built in braking unit up to 75kW
- Small footprint ,removable terminal with FDR support,
- RSPT & Webserver built-in for E version,

### Robust Design- IEC60721-3-3

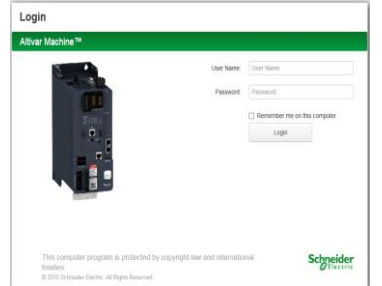
- 50°C ambient temperature
- 3C3 for chemical environment
- 3S3 for mechanical environment
- DC Choke Built in above 30kW

### Safety Functions - EN ISO 13849-1 & EN-62061

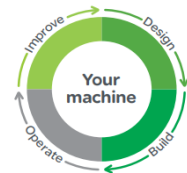
- Safety STO (up to SIL3 / PLe),
- SS1, SLS, SMS, GDL),
- STO: Safe Torque Off,
- SS1Safe Stop 1,
- SLS: Safe Limited Speed,
- SMS: Safe Maximum Speed,
- GDL: Guard Door Locking



VW3A1113 VW3A1114 VW3A1111 VW3A1112



Webserver support Built In Ethernet



Reduced machine design time helps increase operation efficiency

TVDAs are combinations of Schneider Electric best-in-class products providing typical control architectures

FDT Technology: A widely-accepted international standard

## Targeted applications

### Packaging

Carton packers, labeling machines, Sealing, Bagging machines etc.

#### Example:

- Rotary labelling machine
- Vertical boxing machine

### Material Handling

Small Conveyors, Pallets, Logistic Center, Roller Tables, Automatic Doors etc.

### Material Working and Hoisting

2D Machines, Saws, Gummers, Planers, Bending Presses, Welding, Wood working, Pick and Place, Elevators for the manufacturing sector, Trolley, Hoists etc

### Textile & Plastic Machinery,

Winder & Rewinder, Waiving, Texturizer, cutter, Extrusion, slitter



Packing and packaging machines



Consumer packaged goods machinery



Material working



Material handling



Hoisting



Textile application