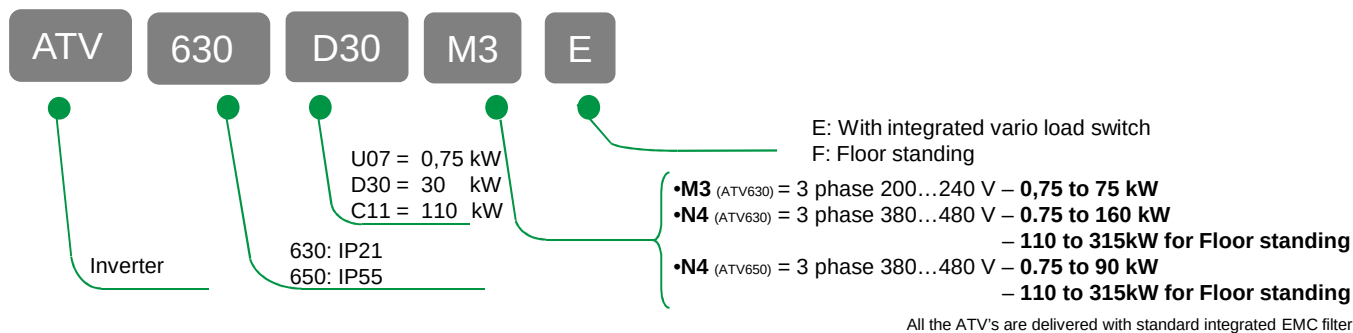


Altivar Process:

The first variable speed drive with embedded services!

The Reference : how does it work ?



The Product



The 3 main benefits

Service oriented

- 1 - Graphical display with curves, text
- Web server completely adaptable to the user
- Contextual access to technical documentation by dynamic QR code
- Process measuring data (m³/h, kWh/m³)

Ready for Process Automation

- 2 - Coating: Chemical 3C3, Mechanical 3S3
- Low harmonic
- 2 safety inputs able to reach SIL 3 and PLE
- Specific pump functionalities (anti-jam, pipe fill, in or outlet pressure monitoring, BEP*, etc.)

Easy installation

- 3 - DC chokes integrated as standard
- Romex brackets already mounted
- Cable length up to 150m (shielded cable), 300m (unshielded cable) without extra filter and conform to EMC

*BEP: Best efficient point

Applications range :

Water & wastewater applications: Pumping, Drilling, Suction, Dosing, Odor control, Ventilation, Gas compression, Sludge removal

Oil & gas applications: Hydrocarbon production

Mining, minerals & metals applications: Flotation and thickening, Rinsing and filtration, Mine shaft pumping, Preheater fan, Waste gas evacuation, Cooling fan, Separator for vertical roller mill, Storage and loading, Water supply, Pumping, Drying fans

Food & beverage applications: Pumping, Drying fans

The offer

Drives (frequency range from 0.1 to 599 Hz) Wall mounting

Motor power		Single phase supply 200...240V 50/60Hz	3 phase 380...480V 50/60Hz	3 phase 380...480V 50/60Hz	3 phase 380...480V 50/60Hz With vario switch
ND	HD				
kW	kW	IP21	IP21	IP55	IP55
0.75	0.37	ATV630U07M3	ATV630U07N4	ATV650U07N4	ATV650U07N4E
1.5	0.75	ATV630U15M3	ATV630U15N4	ATV650U15N4	ATV650U15N4E
2.2	1.5	ATV630U22M3	ATV630U22N4	ATV650U22N4	ATV650U22N4E
3.0	2.2	ATV630U30M3	ATV630U30N4	ATV650U30N4	ATV650U30N4E
4.0	3	ATV630U40M3	ATV630U40N4	ATV650U40N4	ATV650U40N4E
5.5	4	ATV630U55M3	ATV630U55N4	ATV650U55N4	ATV650U55N4E
7.5	5.5	ATV630U75M3	ATV630U75N4	ATV650U75N4	ATV650U75N4E
11	7.5	ATV630D11M3	ATV630D11N4	ATV650D11N4	ATV650D11N4E
15	11	ATV630D15M3	ATV630D15N4	ATV650D15N4	ATV650D15N4E
18.5	15	ATV630D18M3	ATV630D18N4	ATV650D18N4	ATV650D18N4E
22	18.5	ATV630D22M3	ATV630D22N4	ATV650D22N4	ATV650D22N4E
30	22	ATV630D30M3	ATV630D30N4	ATV650D30N4	ATV650D30N4E
37	30	ATV630D37M3	ATV630D37N4	ATV650D37N4	ATV650D37N4E
45	37	ATV630D45M3	ATV630D45N4	ATV650D45N4	ATV650D45N4E
55	45	ATV630D55M3*	ATV630D55N4	ATV650D55N4	ATV650D55N4E
75	55	ATV630D75M3*	ATV630D75N4	ATV650D75N4	ATV650D75N4E
90	75		ATV630D90N4	ATV650D90N4	ATV650D90N4E

*: IP00

Communication

Integrated: Modbus TCP, serial

Available as option: EtherNet/IP, Modbus TCP Dual port, CANopen,, PROFINET, PROFIBUS DP V1, DeviceNet

Options

SoMove setup software, **SoMove Mobile** software for mobile phones,

Graphic display terminal with multicolour (white, blue and red)

Filters (external EMC filters, **Passive filters**, **dv/dt filters**, **Sinus filters**)

Accessories

Description	Reference
Front panel terminal mounting	VW3A1112 + VW3A1104R30
Other list of options are available, please your local Schneider representative	

Characteristics

6 programmable logic inputs : 24Vcc internal power supply

3 analogue inputs: Configurable as voltage (0...10 V) or current (0-20 mA/4-20 mA), including 2 for probes (PTC, PT100, PT1000 or KTY84)

2 analogue outputs: configurable voltage or current (0...10V or 0 to 20 mA)

2 safety inputs: for safety function STO

3 Relay outputs: Configurable