AC drive VersiDrive i 43C2-S/A [37 – 110kW] 4.05

Features:

- U/f-characteristics control
- open loop vector control
- induction motors, PM motors
- safe torque shutdown STO
- detachable operating unit
- max. rotating field frequency 599Hz
- degree of protection IP00
- integrated MODBUS
- replaceable fan
- integrated DC choke



AC drive
VD i 43C2-S/A [37 – 110kW]

Function:

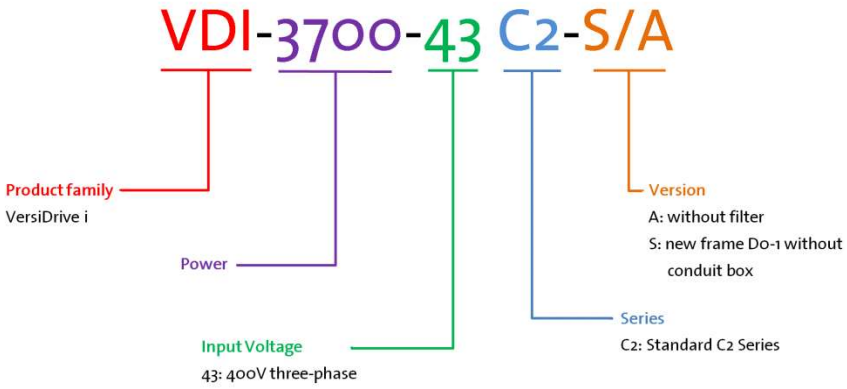
- control and setpoint entry via terminals, operating units and bus systems
- built-in PLC function
- potential-free control and signalling contact
- 4 motor parameter sets
- 150% overload for 60s
- PWM in-/output
- PI controller

Typical Application:

centrifuges, ventilators, pumps, conveying systems
grinding machines, woodworking machines
printing machines, packaging machines
textile machines, others

Options: (please see accessories)

- extension cable for operating unit
- Profibus DP
- Modbus TCP
- EtherNet/IP
- DeviceNet module
- CANopen
- operating software

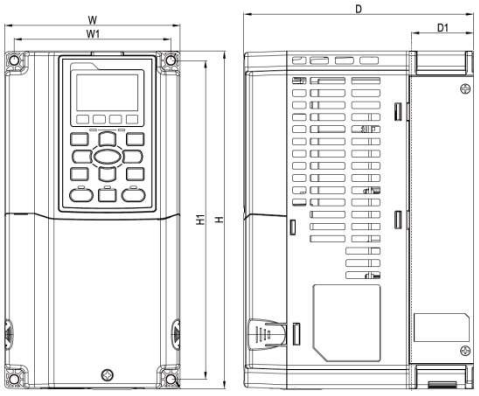


Typical designation	VD i ...-43C2-S		VD i ...-43C2-A			
	3700	4500	5500	7500	9000	11000
motor shaft power/kW	37	45	55	75	90	110
mains voltage according to DIN EN 50160 (IEC 38)	three-phase 380-480V, +10%, -15% 50/60Hz ±5%					
output rated current ND /A*	73	91	110	150	180	220
output rated current HD /A*	69	86	105	143	171	209
order number	2D202. 43037	2D202. 43045	2D200. 43055	2D200. 43075	2D200. 43090	2D200. 43110
recommended mains filter (class C1)	27114.48100	27114.48180				27114.48250

* HD – high duty, ND – normal duty

Technical data	VD i ...-43C2-S/A					
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output rated current HD/A*	69	86	105	143	171	209
control functions						
control methods	U/f, sensorless vector control					
frequency setting range	0-599Hz					
clock speed	2-15kHz					
starting torque	150% /0,5 Hz					
overload capacity	ND: 120% for 60sek; 160% for 3sek HD: 150% for 60sek; 180% for 3sek					
motor protection	overcurrent protection, overvoltage protection, overtemperature protection, phase failure protection					
specification of frequency setpoints	0 ... +10 V/-10 V ...+10 V, 4...20 mA/0...20mA, 1 pulse input					
ambient / storage temperature	-20 ... 40°C / -25 ... 70°C					
size	D0-1		D1		E1	
weight / kg	27 ± 1.5		38.5 ± 1.5		64.8 ± 1.5	

Dimensions:



Frame size	W	H	D
D0-1	280	500	255
D1	330	550	275
E1	370	589	300

All dimensions in mm

Connection Diagram:

