

AC drive VD i ... /43C2+, IPoo up to 250kW 4.11

Features:

- speed control, torque and bearing control
- induction motors, PM motors
- safe torque shutdown STO
- detachable operating unit
- max. rotating field frequency 599Hz
- integrated braking chopper
- degree of protection IPoo
- integrated mains filter
- integrated MODBUS
- integrated CANopen
- replaceable fan



AC drive
VD i 13200 ... 25000/43C2+,IPoo
CE 

Functions:

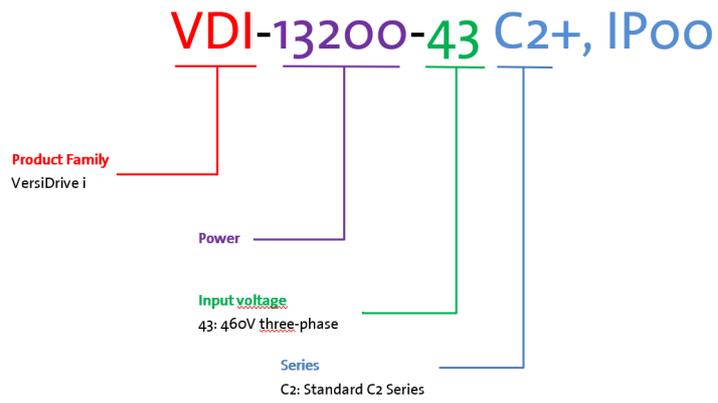
- control and setpoint entry via terminals, operating units and bus systems
- built-in PLC function
- potential-free control and signalling contact
- 4 motor parameter sets
- 150% overload for 60s
- PWM in-/output
- PI controller

Typical Applications:

- centrifuges
- pumps
- grinding machines
- printing machines
- textile machines
- ventilators
- conveying systems
- woodworking machines
- packaging machines

Options: (please see accessories)

- Profibus DP
- Modbus TCP/IP
- EtherNet/IP
- EtherCAT
- DeviceNet
- ProfiNET
- BACnet
- E/A extensions

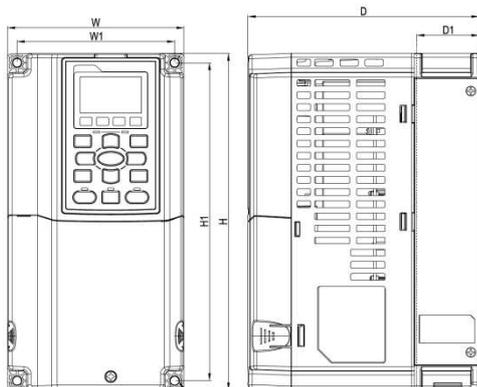


Typical designation	VD i ...-43C2+, IPoo					
	13200	16000	18500	20000	22000	25000
motor shaft power/kW	132	160	185	200	220	250
mains voltage according to DIN EN 50160 (IEC 38)	three-phase 380-480V, +10%, -15% 50/60Hz ±5%					
output rated current ND /A*	260	310	370	395	460	481
output rated current HD /A*	220	260	310	330	370	395
order number	2D205.43132	2D205.13160	2D205.43185	2D205.43200	2D205.43220	2D205.43250

* HD – high duty, ND – normal duty

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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	F			G		
weight / kg	87			135		

Dimensions:



Frame size	W	H	D
F	420	800	300
G	500	1000	440

All dimensions in mm

Connection Diagram:

