

STADT PENTA DRIVE

AC MOTOR DRIVE



For marine and industrial applications

Power range	: 1-3000 kW
Voltage	: 200-690 Vac
Drive technology	: PWM - Puls width modulation
Control software	: For standard AC motors For synchronous motors Sensorless vector control
Input frequency	: 50-60 Hz, DC as option
Output frequency	: 0-1000 Hz, 0,01 Hz resolution
Protection	: IP23
Cooling	: Air
Mounting	: Floor or wall
Cabinet size	: See next page



STADT can provide custom made solutions with the Penta series.

Options

- Ship classified
- Water cooling
- Active Front End rectifier
- Input three pole switch circuit breaker
- AC1 input three pole contactor
- Board front operation with key selection
- AC input choke
- DC choke
- Motor side output choke
- Output ferrite filter
- Power supply circuit for ventilation
- Braking module for sizes >S40
- Vibration dampers
- IP54 enclosure
- Special customer requests

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PRODUCT RANGE



Power range: 1 kW - 3000 kW

Voltage range: 230 V - 690 V

220 V models

Power	Model	Width	Height	Depth	Weight*
22-25 kW	S15	600	600	400	50
28-45 kW	S20	600	800	400	70
55-75 kW	S30	800	1600	500	170
90-132 kW	S41	1000	1600	500	258
160-200 kW	S51	1200	1600	600	278
250-260 kW	S60	1200	2000	600	455
300 kW	S65	1200	2000	600	635

400 V models (380 - 440 V)

Power	Model	Width	Height	Depth	Weight*
37-45 kW	S15	600	600	400	50
50-75 kW	S20	600	800	400	70
100-132 kW	S30	800	1600	500	170
160-230 kW	S41	1000	1600	500	258
280-375 kW	S51	1200	1600	600	278
400-450 kW	S60	1200	2000	600	455
500-710 kW	S65	1200	2000	600	635

>710 kW on request

690 V models

Power	Model	Width	Height	Depth	Weight*
7,5-90 kW	S14 - S22	Ask us	Ask us	Ask us	Ask us
110-400 kW	S32 - S42	1000	1600	500	273
450-630 kW	S52	1200	1600	500	297
710-1000 kW	S65	1200	2000	600	635
1240 kW	S70	1600	2000	600	786

>1240 kW on request

All sizes in mm.

Weight in kg (aprox)

* Weight without options