

# STADT PENTA DRIVE

Frequency inverter for AC motors

575 - 690 V Range



The automation applications incorporated in the inverters, allows a simple and inexpensive management of propellers, compressors, pumps and fans.

## Technical specifications:

Power Range 575 V	: 5,5 - 2500 kW
Power Range 660 - 690 V	: 7,5 - 3000 kW
AC Voltage	: 575 - 690 Vac
DC Voltage	: 705 - 970 Vdc
Input frequency	: 50 - 60 Hz
Programmable inputs	: 8 Digital, 3 Analog
Programmable outputs	: 2 Output relays with exchange contact, 5 analog
Enclosure	: IP00, IP20, IP54
Protection	: Integrated motor thermal protection
3 Modes included	: IDF - V/F control - PWM VTC - Direct torque control FOC - Field-oriented control



## Options:

- ModBus-Profibus-Device Net-CanBus
- Kit for remotable keypad
- Braking resistors
- Encoder card
- Optoisolated RS232/485 board
- PC config - Remote drive
- RGN - Regenerative unit
- Programmable logic

## STADT AS

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Other voltage classes available see  
STADT PENTA 230 V and 400 V datasheets.

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STADT Penta 575 - 690 V							
575 - 690 V Models	Motor power - Light Duty		Inom.	Imax	Size	W x H x D (mm)	Kg
	575 V	660-690 V					
	kW	kW	A	A			
STADT PENTA 0003	5,5	7,5	7	8,5	S14	225x466x331	23
STADT PENTA 0004	7,5	10	9	11			
STADT PENTA 0006	10	10	11	13,5			
STADT PENTA 0012	12,5	15	13	16			
STADT PENTA 0018	15	20	17	21			
STADT PENTA 0019	15	15	21	25			
STADT PENTA 0021	18,5	22	25	30			
STADT PENTA 0022	22	30	33	40			
STADT PENTA 0024	30	37	40	48			
STADT PENTA 0032	37	45	52	63			
STADT PENTA 0042	45	55	60	72	S22	279x610x332	35
STADT PENTA 0051	55	75	80	96			
STADT PENTA 0062	65	75	85	110			
STADT PENTA 0069	90	90	105	135			
STADT PENTA 0076	90	110	125	165	S32	302x748x421	51
STADT PENTA 0088	110	132	150	200			
STADT PENTA 0131	132	185	190	250			
STADT PENTA 0164	160	220	230	300			
STADT PENTA 0172	200	250	265	345			
STADT PENTA 0181	220	250	290	380	S42	504x967,5x408,5	117
STADT PENTA 0201	250	315	330	420			121
STADT PENTA 0218	300	355	360	465			
STADT PENTA 0259	330	400	400	560			
STADT PENTA 0290	355	450	450	600	S52	579x967,5x408,5	148
STADT PENTA 0314	400	500	500	650			
STADT PENTA 0368	450	560	560	720			
STADT PENTA 0401	560	630	640	850			
STADT PENTA 0457	630	710	720	880	S65	980x1400x560	440
STADT PENTA 0524	710	800	800	960			
STADT PENTA 0598	800	900	900	1100			
STADT PENTA 0748	900	1000	1000	1300			
STADT PENTA 0831	1000	1240	1200	1440	S70	1230x1400x560	550
STADT PENTA 0964	1270	1530	1480	1780	S75	1980x1400x560	880
STADT PENTA 1130	1460	1750	1700	2040			
STADT PENTA 1296	1670	2010	2100	2520	S80	2230x1400x560	990
STADT PENTA 1800	2000	2400	2600	3100	S90	Ask us	-
STADT PENTA 2076	2500	3000	3000	3600			

1) Input and Output choke must be used.

2) Last number in model name: 2 = IP20 / 0 = IP00

3) Can be delivered with other filters: EN55011 gr.1 cl.A, EN55011 gr.1 cl.B