



LEAN PROPULSION

# STADT FC DRIVE



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STADT delivers marine approved variable frequency drives for all applications, either as a stand-alone unit or built in a cabinet with STADT control system. The STADT FC Drive ensures you get the most out of your electric motors. With full control of the process, you will benefit from a reliable, cost-efficient and user-friendly operation that is protected against damage and unnecessary wear.

## RANGE

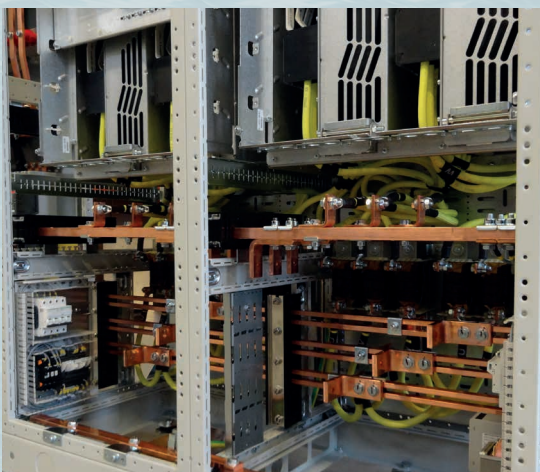
- Λ 1 - 4000 kW
- Λ 220 - 690 A

## APPLICATIONS

- Λ Thrusters
- Λ Pumps
- Λ Compressors
- Λ Fans
- Λ Cranes
- Λ Mills

## FEATURES

- Λ Robust construction & compact design
- Λ Built-in filter according to C3 Class
- Λ Built-in fuses (from 200kW)
- Λ Safety according EN13849-1 and EN62061 standards
- Λ Load curve control
- Λ HCB technology (Half controlling Bridge)
- Λ Logic programmability & pre-maintenance alarms
- Λ Options flexibility (I/O's, Fieldbus, PTC/PT100, Multiple , Pump control)
- Λ Communication options (EtherCAT, PROFINET, Modbus, DeviceNet, PROFIBUS, etc.)
- Λ 24 VDC control board supply
- Λ 12-pulse rectifier option
- Λ Flexible cable connections & User Friendly wiring connection



## OPTIONS

- Λ Liquid Cooling
- Λ Communication
- Λ 12/18/24 pulse, Active Front End
- Λ IP54 full range

## APPROVALS

- Λ DNV-GL
- Λ Others on request

# STADT FC AC DRIVE

## 690 V, 1 - 4000 kW

Model	Max output current (A)	Normal duty (120%, 1 min every 10 min)		Heavy duty (150%, 1 min every 10 min)		Frame size (Number of PEBB`s)	IP Class
		Power @690V (kW)	Rated current (A)	Power @690V (kW)	Rated current (A)		
STADT FCU-69-002-54	3,2	1,5	2	0,75	1,6	C69	IP 54 Wall mounted
STADT FCU-69-003-54	4,8	2,2	3	1,5	2,4		
STADT FCU-69-004-54	6,4	3	4	2,2	3,2		
STADT FCU-69-006-54	9,6	4	6	3	4,8		
STADT FCU-69-008-54	12,8	5,5	8	4	6,4		
STADT FCU-69-010-54	16	7,5	10	5,5	8		
STADT FCU-69-013-54	20,8	11	13	7,5	10,4		
STADT FCU-69-018-54	29	15	18	11	14,4		
STADT FCU-69-021-54	34	18,5	21	15	16,8		
STADT FCU-69-025-54	40	22	25	18,5	20		
STADT FCU-69-033-54	53	30	33	22	26	D69	IP 20 module or IP 54 cabinet
STADT FCU-69-042-54	67	37	42	30	34		
STADT FCU-69-050-54	80	45	50	37	40		
STADT FCU-69-058-54	93	55	58	45	46		
STADT FCU-69-082-54	98	75	82	55	66		
STADT FCU-69-090-54	108	90	90	75	72	F69	
STADT FCU-69-109-54	131	110	109	90	87		
STADT FCU-69-146-54	175	132	146	110	117		
STADT FCU-69-175-54	210	160	175	132	140		
STADT FCU-69-200-54	240	200	200	160	160		
STADT FCU-69-250-54	300	250	250	200	200	H69 (2)	
STADT FCU-69-300-54	360	315	300	250	240		
STADT FCU-69-375-54	450	355	375	315	300		
STADT FCU-69-400-54	480	400	400	315	320	I69 (3)	
STADT FCU-69-430-54	516	450	430	315	344		
STADT FCU-69-500-54	600	500	500	355	400		
STADT FCU-69-595-54	720	600	600	450	480	J69 (4)	
STADT FCU-69-650-54	780	630	650	500	520		
STADT FCU-69-720-54	864	710	720	560	576	KA69 (5)	
STADT FCU-69-800-54	960	800	800	630	640		
STADT FCU-69-905-54	1080	900	900	710	720	K69 (6)	
STADT FCU-69-995-54	1200	1000	1000	800	800		
STADT FCU-69-1200-54	1440	1200	1200	900	960	L69 (7)	
STADT FCU-69-1400-54	1680	1400	1400	1120	1120		
STADT FCU-69-1600-54	1920	1600	1600	1250	1280	M69 (8)	
STADT FCU-69-1800-54	2160	1800	1800	1400	1440		
STADT FCU-69-2000-54	2400	2000	2000	1600	1600	N69 (9)	
STADT FCU-69-2200-54	2640	2200	2200	1700	1760		
STADT FCU-69-2400-54	2880	2400	2400	1900	1920	O69 (10)	
STADT FCU-69-2600-54	3120	2600	2600	2000	2080		
STADT FCU-69-2800-54	3360	2800	2800	2200	2240	P69 (11)	
STADT FCU-69-3000-54	3600	3000	3000	2400	2400		
STADT FCU-69-3000-54	3600	3000	3000	2400	2400	Q69 (12)	
STADT FCU-69-3000-54	3600	3000	3000	2400	2400	R69 (13)	
STADT FCU-69-3000-54	3600	3000	3000	2400	2400	S69 (14)	
STADT FCU-69-3000-54	3600	3000	3000	2400	2400	T69 (15)	



LEAN PROPULSION

**LEAN BRINGS YOU**

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- + SAFETY & RELIABILITY
- + VERY LONG LIFETIME
- + COST EFFICIENCY

- + STEALTH & HSE
- + MORE CARGO CAPACITY
- + LESS EMISSION AND FUEL



**SIMPLICITY IS THE ULTIMATE SOPHISTICATION**

- LEONARDO DA VINCI

GET IN TOUCH!

**WWW.STADT.NO**

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