

# КАНАЛИЗАЦИОННЫЕ НАСОСЫ СЕРИЯ SMS



Архангельск (8182)63-90-72  
Астана (7172)727-132  
Астрахань (8512)99-46-04  
Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
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Владивосток (423)249-28-31  
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Вологда (8172)26-41-59  
Воронеж (473)204-51-73  
Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

Ижевск (3412)26-03-58  
Иркутск (395)279-98-46  
Казань (843)206-01-48  
Калининград (4012)72-03-81  
Калуга (4842)92-23-67  
Кемерово (3842)65-04-62  
Киров (8332)68-02-04  
Краснодар (861)203-40-90  
Красноярск (391)204-63-61  
Курск (4712)77-13-04  
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

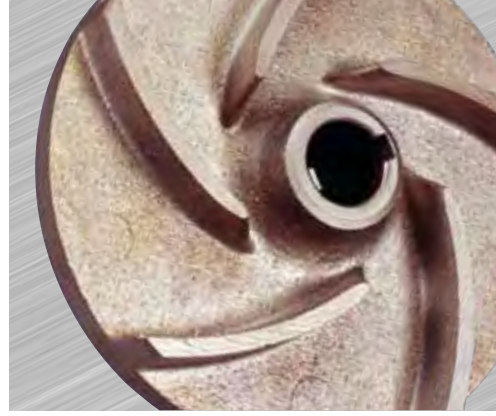
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Казахстан (772)734-952-31

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# Specification and construction

## Advantages

- Small space requirements compared to bearing block pumps
- materials resistant to abrasion
- process type construction
- self-priming
- individually adapted to the performance curves
- easy accessibility for maintenance and service
- high safety and reliability
- special versions with dry run protection on demand

## Fields of application

- liquids with high air occlusion
- contaminated liquids
- liquids which may also contain solid
- neutral media, alkalines, solvents, coolants, lubricants a.s.o
- surface technique washing, cleaning, degreasing, phosphating, pickling
- machine-tool industry environmental technology filtration and recycling technology
- recirculating for cooling lubricant

## Construction

- single-stage close coupled
- shaft sealing by maintenance free mechanical seal
- dry-running protection system on demand
- sealings resistant against chemicals and abrasion
- open radial impellers
- no shaft support within the pump necessary
- pump connection with inner thread or as option flange connection according to DIN EN 1092-2 PN16

## Standard-Motors

three-phase induction squirrel cage motor, surface cooled according to DIN IEC 38 and DIN ISO 38, protection IP 55, construction IM V1 or IM B35, isolation F, coolant temperature up to 40°C, the motors are designed for continuous operation, with grease lubricated deep grooved ball bearing. Rotation: ca. 2900<sup>1</sup>/min, IE 2 class according to EuP 2005/32/EU, for use with frequency converter

## Performance

- materials for temperatures max. 120°C
- delivery up to 120 m<sup>3</sup>/h
- delivery head up to 60 m

# Pumpendaten Typ SMS – System Back to Back/Tandem

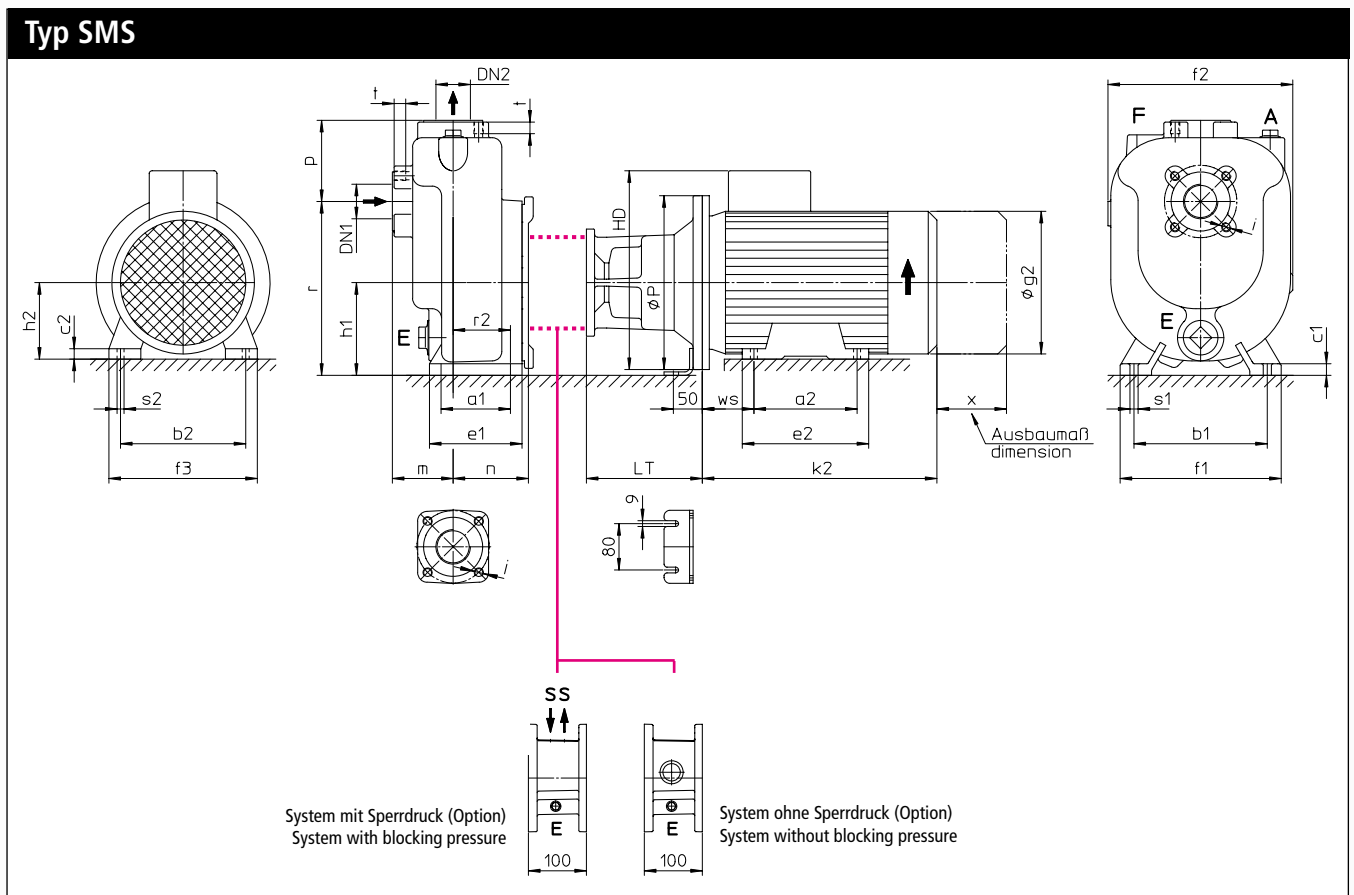
## Pump data Typ SMS – System Back to Back/Tandem

Typ	Motor [kW]	DN1		DN2		a1	b1	c1	e1	f1	f2	h1	i	t	m	n	p	r	r2	s1	x	max. Korngr. max. grain size mm	Füllung Filling volume ltr.	Gewicht <sup>1)</sup> Weight <sup>1)</sup> [kg]	
		IG*	FL**	IG*	FL**	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm				
SMS 25-16/2	1,5 - 5,5	1"	25	1"	25	70	190	18	110	245	255	150	4xM12	20	73	85	95	255	35	14	100	7	3	28	
SMS 25-16/4	0,75																								
SMS 32-10/2	0,75 - 1,5	1¼"	32	1¼"	32	70	165	15	110	220	210	105	4xM16	20	73	94	85	190	44	14			10	1,5	21
SMS 32-10/4	0,55																								
SMS 32-13/2	0,75 - 3,0	1¼"	X	1¼"	X	85	190	15	120	245	225	120	X	X	80	92	80	240	40	14			10	3,5	19
SMS 32-13/4	0,55																								
SMS 50-13/2	2,2 - 5,5	2"	50	2"	50	85	190	18	120	245	230	120	4xM16	20	100	92	110	240	35	14		14	3,5	31	
SMS 50-13/4	0,75																								
SMS 50-20/2	5,5 - 15,0	2"	50	2"	50	120	230	20	160	275	325	160	4xM16	20	105	130	140	300	99	14	120	14	6,5	56	
SMS 50-20/4	1,5 - 2,2																								
SMS 80-13/2	4,0 - 11,0	3"	80	3"	80	120	212	18	160	260	275	160	4xM16	20	126	128	128	290	60	14	100	18	5,5	43	
SMS 80-13/4	1,5																								
SMS 80-20/2	5,5 - 30,0	X	X	X	X	80	120	285	20	160	345	345	8xM16	20	120	115	160	340	60	14	150	19	10	63	
SMS 80-20/4	2,2 - 4,0																								

\* Innengewinde  
Inner thread

\*\* Flanschschluß (DIN EN 1092-2 PN 16)  
Flange connection (DIN EN 1092-2 PN 16)

1) Nur Pumpengewicht  
Only pump weight







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