

<b>Technical data</b>	Company name
	Contact
	Phone number
	e-mail address

Operating data			
1	Pumpe type	Single head pump	Fluid Water, pure
2	No. of pumps	1	Operating temperature t A °C 4
3	Nominal flow	m³/h 0	pH-value at t A 7
4	Nominal head	m 0	Density at t A kg/dm³ 1
5	Static head	m 0	Kin. viscosity at t A mm²/s 1,569
6	Inlet pressure	bar 0,098	Vapor pressure at t A bar 0,0083
7	Environmental temperature	°C 4	Solids 0
8	Available system NPSH	m 0	Altitude m 1000

Pump data			
9	Design		
10	Execution		
11	Operating speed	1/min 2900	Impeller Ø
12	Number of stages	5	
13	Suction nozzle	protected by strainer	
14	Discharge nozzle	/	Flow
15	Max. casing pressure	bar	
16	Max. working pressure	bar 5,5	
17	Impeller type		Head
18	Head H(Q=0)	m 56	
19	Max. shaft power	kW ,8	
20	Total weight	kg 15,0	Shaft power kW ( )
21			Efficiency %
			NPSH 3% m

Materials			
22		Pump	
23	Head	Stainless steel / ASTM A743 CF8	Capacitor housing spacer PA66-GF25
24	Capacitor	-	Upper head Technopolymer
25	Connection container	PA66-GF25	Upper bearing support Stainless steel / AISI 304
26	Motor shaft	Stainless steel / AISI 431	Sleeve with wound stator Stainless steel / AISI 304
27	Lower bearing support	Die-cast aluminium	Internal mech. seal (rotary part) Carbographe
28	Lower head	Technopolymer	Internal mech. seal (fixed part) Steatite
29	Final bowl	Stainless steel / AISI 304	External mech. seal Silicon carbide / Silicon carbide / NBR
30	Diffuser	Stainless steel / AISI 304	Pump shaft Stainless steel / AISI 431
31	Impeller	Technopolymer	Pack locking disk Stainless steel / AISI 304
32	Bush bearing bracket	Technopolymer	Filter Stainless steel / AISI 304
33	Elastomers	Nitrile rubber (NBR)	Sleeve Stainless steel / AISI 304
34			
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Motor data				Cable	
42	Manufacturer	Type	MOT_3SC5/07/5	Cable type	
43	Specific design	Single phase pump motor		Cable cross section	mm²
44	Rated power	0,75 kW	Phases	1	Environmental temperature °C 4
45	Corrected motor power	0,75 kW	No. starts / h	max. 20	cable length m
46	Kuehlmitelgeschwindigkeit	min.	Weight	0 kg	
47	Rated current	4,8 A	Electric voltage	220 V	
48	Reduced current	4,8 A	Starting mode	Directly	
49	Degree of protection	IP 55	Speed	2850 1/min	
50	Motoranschluss		Einbaulage		

Remarks					

Project	Project ID	Created by	Created on 04-02-20	Last update
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# 3SC5/07/5 C G

## performance curve

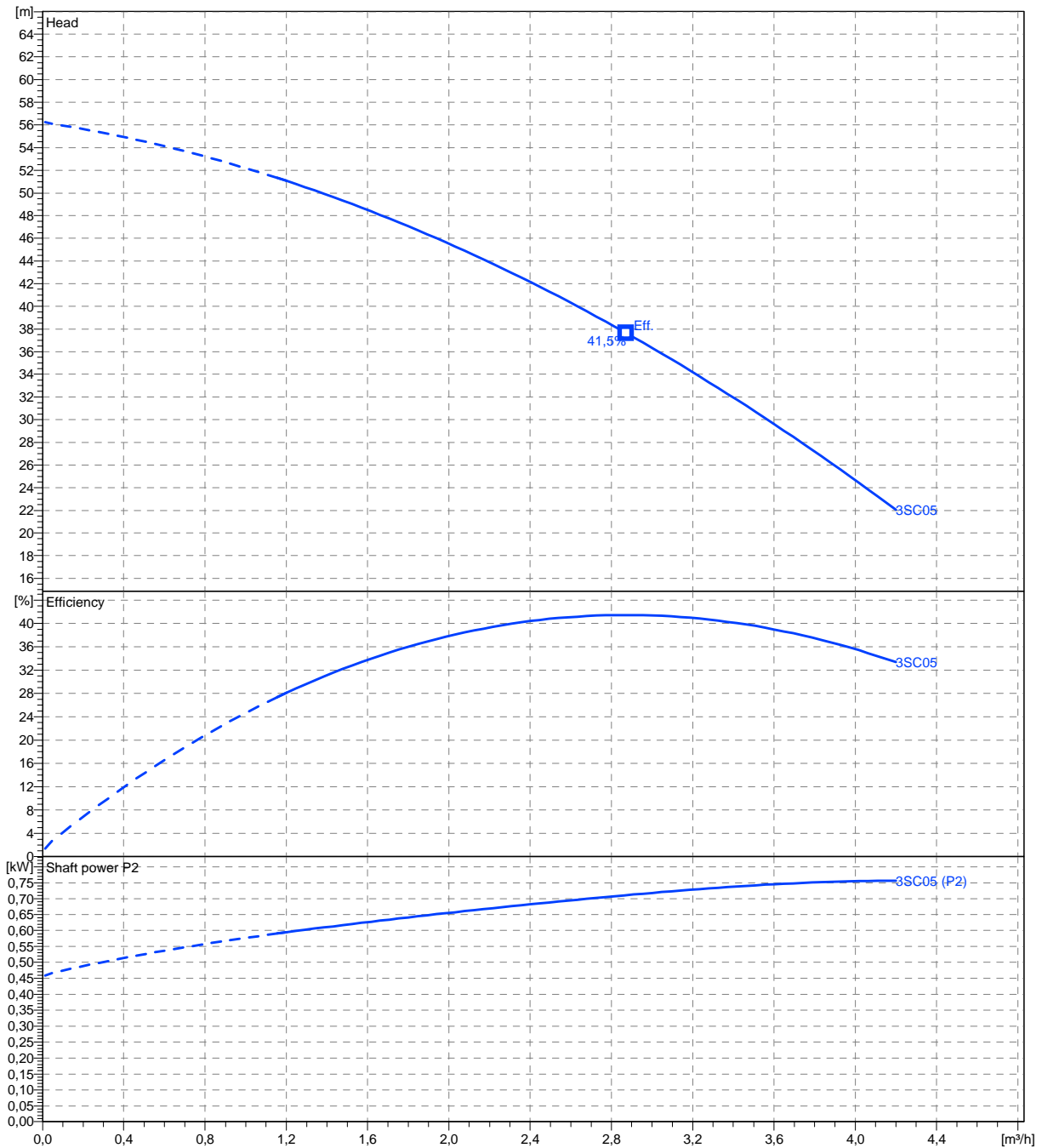
Company name  
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	Ø mm	Pump capacity			Pump head		Shaft power P2			Frequency			
		Operating range Min. m³/h	Max. m³/h	η Max. m³/h	H(Q=0) m	η Max. m	P2(Q=0) kW	Max. kW	η Max. kW	Hz			
actual	0	1,2	4,2	2,87	56,2	37,7		0,756	0,711	50	Operating speed	1/min	2900
Min.		/	/	2,87	56,2	37,7		/	0,711		Nominal flow	m³/h	0
Max.	0	/	/	2,87	56,2	37,7		/	0,711		Nominal head	m	0
											Inlet pressure	bar	0,098
											Static head	m	0

Power datas referred to:

hydr. Leistungsprüfung nach EN ISO 9906 Klasse Grade

Water, pure [100%]; 4°C; 1kg/dm³; 1,57mm²/s



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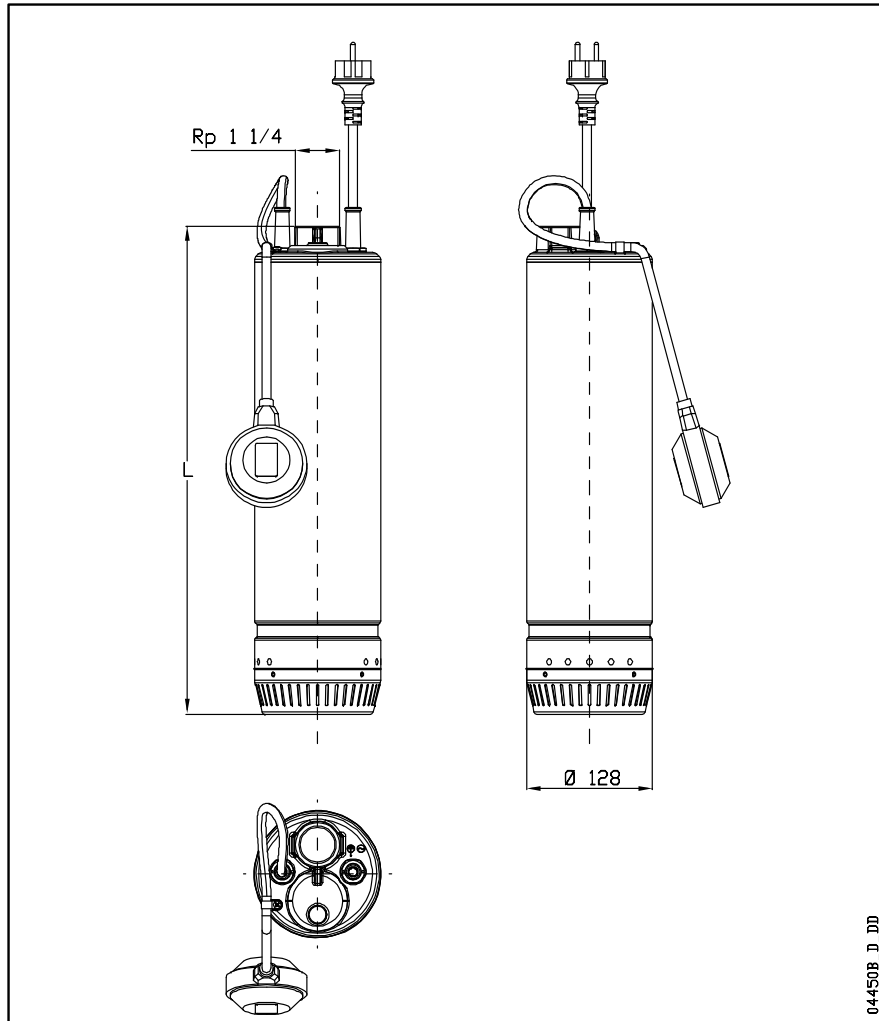
# 3SC5/07/5 C G

## Dimensions

Company name  
Contact  
Phone number  
e-mail address

Close coupled

Single phase pump motor  
MOT\_3SC5/07/5



Dimensions [ mm ]	
L	554,9

Weight (+/- 5%) [ kg ]	
Pump	15 kg
Cable	
Motor	
Total weight	

Connections	
Suction nozzle protected by strainer	Discharge nozzle

### Dimensions and weight without obligation

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			04-02-20	