

SP Series

Close-coupled self-priming peripheral pumps with side channel and star impeller. Designed to remain primed even in the presence of waterdissolved gases or when the suction line is not filled with liquid.

The nickel-plated brass impeller prevents jamming due to oxidation.

Specifications

Delivery: up to 2.75 m³/h

Head: up to 50 m

Power supply: three-phase and single-phase 50 and 60 Hz

Power: 0.55 kW to 0.75 kW

Maximum operating pressure: 8 bar

Temperature of pumped liquid:
-10°C to +40°C

Maximum ambient temperature: 40°C

Insulation class: F

Protection: IP55

Materials

Pump body: Cast iron

Motor/pump support: Cast iron

Impeller: Nickel-plated brass

Front flange: Brass

Rear diffuser plate: Brass

Mechanical seal: Ceramic/Carbon/NBR

Fill plug: Brass

Elastomers: NBR

Applications

Water distribution

Washing

Pressure boosting

Irrigation



For a complete list of technical information, consult www.lowara.com

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PUMP TYPE	RATED POWER		Q = DELIVERY							
			l/min	0	10	20	25	30	35	40
	m³/h	0	0,6	1,2	1,5	1,8	2,1	2,4	2,7	
	kW	HP	H = TOTAL HEAD IN COLUMN OF WATER (METRES)							
SP5(T)	0,55	0,75	45,2	39,8	31,1	26,0	20,7	15,4	10,3	5,7
SP7(T)	0.75	1	54,1	49.3	41.5	36.7	31.4	25.7	19.7	13.5

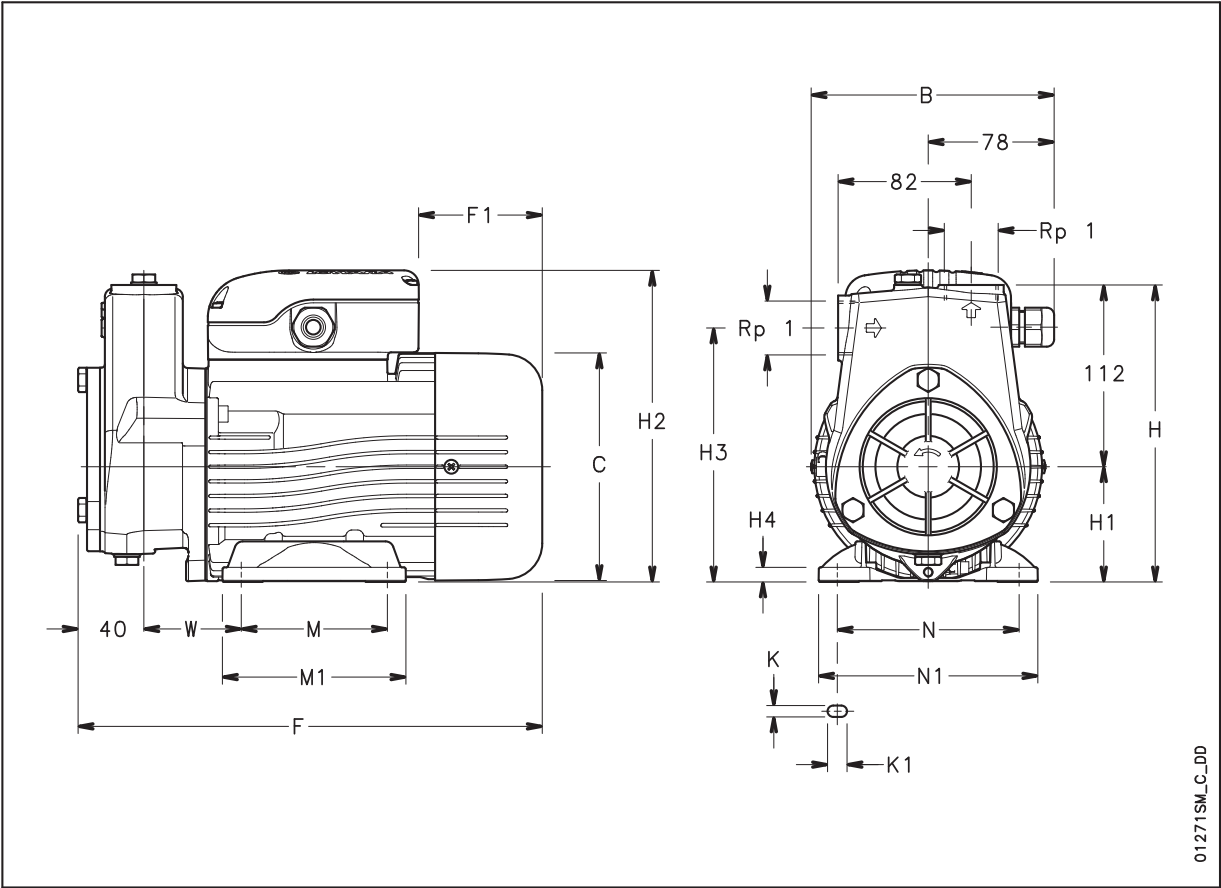
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TYPE 1 ~	TYPE	POWER* kW	CURRENT* 220-240 V A	μ F / 450 V	TYPE 3 ~	TYPE	POWER* kW	CURRENT* 220-240 V A	CURRENT* 380-415 V A
SP5	SM71SP/1055	0,87	4,21	16	SP5T	SM71SP/305	0,78	2,67	1,54
SP7	SM71SP/1075	1,00	4,60	20	SP7T	SM80SP/307HE	0,95	3,04	1,76

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1 SP SERIES

Dimensions and weights



PUMP TYPE	DIMENSIONS (mm)																WEIGHT	
	B	C	F	F1	H	H1	H2	H3	H4	M	M1	N	N1	K	K1	W	kg	
SP5	150	140	286	76	183	71	192	156	9	90	113	112	135	7	12	60	11	
SP7	150	140	286	76	183	71	192	156	9	90	113	112	135	7	12	60	12	
SP5T	150	140	286	76	183	71	192	156	9	90	113	112	135	7	12	60	11	
SP7T	156	155	325	113	192	80	209	165	10	100	124	125	153	9	12	72	15	

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BG Series

Close-coupled self-priming centrifugal pumps with built-in ejector system, designed to remain primed even in the presence of water-dissolved gases. The extensive use of pressed stainless steel ensures a high-performance, durable and lightweight pump.

Available in the "Garden" version with handle and terminal box with builtin switch.

Specifications

Delivery: up to 4.2 m³/h

Head: up to 53 m

Power supply: three-phase and single-phase 50 and 60 Hz

Power: 0.37 kW to 1.1 kW

Maximum operating pressure: 8 bar

Maximum total lift: 8 m

Maximum ambient temperature: 40°C

Temperature of pumped liquid:
-10°C to +40°C

Insulation class: F

Protection: IP55

Materials

Pump body: Stainless steel

Impeller: Stainless steel

Diffuser: Technopolymer

Ejector: Technopolymer

Seal housing: Stainless steel

Mechanical seal: Ceramic/Carbon/EPDM

Fill and drain plugs: Nickel-plated brass

Elastomers: EPDM

Applications

Water distribution

Pressure boosting

Irrigation

Washing

Rain water collection

Swimming pools

Fountains

