

48V BLDC PUMP PERFORMANCE (GEN001PUMOP24V)

MAGNETIC PUMP - BRUSHLESS DC MOTOR

INLET DIAMETER 25 mm (1") BSPP

OUTLET DIAMETER 25 mm (1") BSPP

DEGREE OF PROTECTION IP65

INPUT VOLTAGE 48 V DC

PUMP WEIGHT 4 kg

NPSH 4 m

IMPELLER DIAMETER 95 mm

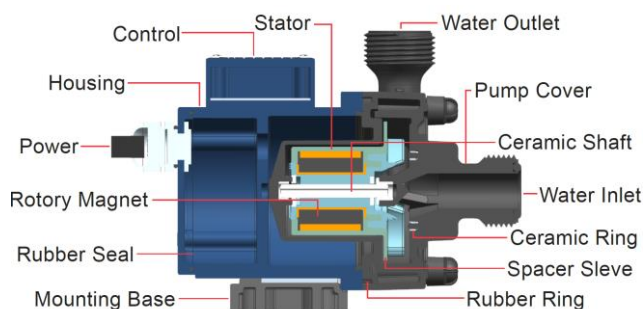
MAX OPERATING AIR TEMPERATURE 50°C

MAX SEAWATER TEMPERATURE 65°C

SEALING MATERIAL EPDM

PUMP BODY MATERIAL PP

AXIS/BEARING 99 ALUMINA CERAMICS



VARIABLE SPEED POTENTIOMETER (MAX BTU/h: 66.000 BTU/h)

70-100%	
flow (m3/h)	head (m)
0.5	14.8
1.0	14.2
1.5	13.7
2.0	13.1
2.5	12.5
3.0	12.0
3.5	11.4
4.0	10.8
4.5	10.3
5.0	9.7
5.5	9.1
6.0	8.5
MAX 390 W	
Example: 2xSDC18+3xSDC10	
Max cooling capacity 66.000 BTU/h	

60%	
flow (m3/h)	head (m)
0.5	12.5
1.0	11.9
1.5	11.3
2.0	10.8
2.5	10.2
3.0	9.6
3.5	9.1
4.0	8.5
4.5	7.9
5.0	7.4
5.5	6.8
6.0	6.2
MAX 370 W	
1xSDC18+3xSDC10	

50%	
flow (m3/h)	head (m)
0.5	11.6
1.0	11.1
1.5	10.5
2.0	9.9
2.5	9.4
3.0	8.8
3.5	8.2
4.0	7.7
4.5	7.1
5.0	6.5
5.5	5.9
6.0	5.4
MAX 330 W	
1xSDC18+2xSDC10	

40%	
flow (m3/h)	head (m)
0.5	9.9
1.0	9.2
1.5	8.5
2.0	7.8
2.5	7.1
3.0	6.4
3.5	5.7
4.0	5.0
4.5	4.3
5.0	3.6
5.5	2.9
6	2.2
MAX 250 W	
1xSDC18+1xSDC10	

30%	
flow (m3/h)	head (m)
0.5	8.3
1.0	7.7
1.5	7.1
2.0	6.5
2.5	6.0
3.0	5.4
3.5	4.8
4.0	4.3
4.5	3.7
5.0	3.1
5.5	2.6
MAX 170 W	
2xSDC10	

20%	
flow (m3/h)	head (m)
0.5	6.3
1.0	5.7
1.5	5.1
2.0	4.5
2.5	4.0
3.0	3.4
3.5	2.8
4	2.27
MAX 80 W	
1xSDC10	



BLUE-AIRCO