

12V BLDC PUMP PERFORMANCE (007001PUMOP12V)



MAGNETIC PUMP - BRUSHLESS DC MOTOR

INLET DIAMETER 25 mm (1") BSPP

OUTLET DIAMETER 25 mm (1") BSPP

DEGREE OF PROTECTION IP65

INPUT VOLTAGE 12 V DC

PUMP WEIGHT 4 kg

NPSH 4 m

IMPELLER DIAMETER 82 mm

MAX OPERATING AIR TEMPERATURE 50°C

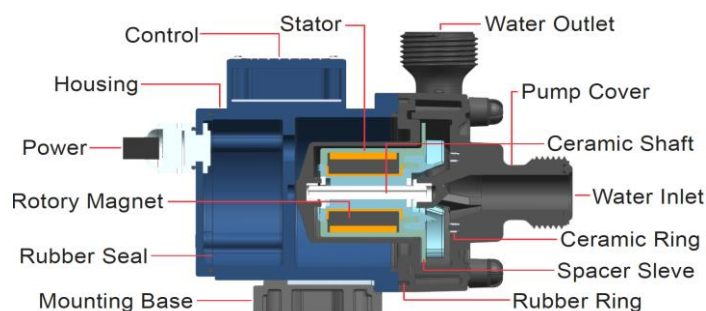
MAX SEAWATER TEMPERATURE 65°C

SEALING MATERIAL EPDM

PUMP BODY MATERIAL PP

AXIS/BEARING 99 ALUMINA CERAMICS

VARIABLE SPEED POTENTIOMETER (MAX BTU/h: 32.000)



100%	
flow (m3/h)	head (m)
0.5	9.54
1	8.78
1.5	8.02
2	7.26
2.5	6.5
3	5.74
3.5	4.98
4	4.22
MAX input power 160 W	
Example: 1xSDC12+2XSDC08	
Max cooling capacity 32.000 BTU/h	

90%	
flow (m3/h)	head (m)
0.5	8.41
1	7.65
1.5	6.89
2	6.13
2.5	5.37
3	4.61
3.5	3.85
4	3.09
MAX 150 W	
2xSDC12	

80%	
flow (m3/h)	head (m)
0.5	7.92
1	7.16
1.5	6.40
2	5.64
2.5	4.88
3	4.12
3.5	3.36
4	2.60
MAX 130 W	
1xSDC12+1xDC08	

70%	
flow (m3/h)	head (m)
0.5	7.56
1	6.80
1.5	6.04
2	5.28
2.5	4.52
3	3.76
3.5	3.00
4	2.24
MAX 110 W	
2xSDC08	

60%	
flow (m3/h)	head (m)
0.5	7.04
1	6.28
1.5	5.52
2	4.76
2.5	4.00
3	3.24
3.5	2.48
4	1.72
MAX 100 W	
1xSDC12	

50%	
flow (m3/h)	head (m)
0.5	6.38
1	5.62
1.5	4.86
2	4.10
2.5	3.34
3	2.58
3.5	1.82
4	1.06
MAX 80 W	
1xSDC10	

40%	
flow (m3/h)	head (m)
0.5	5.83
1	5.07
1.5	4.31
2	3.55
2.5	2.79
3	2.03
3.5	1.27
4	0.51
MAX 60 W	
1xSDC08	

30%	
flow (m3/h)	head (m)
0.5	5.00
1	4.24
1.5	3.48
2	2.72
2.5	1.96
3	1.20
3.5	0.44
MAX 40 W	
1xSDC08	



BLUE-AIRCO