

Thruster systems

DC bow and stern thrusters

DC series - Type	BOW12524D(I)	BOW16024D(I)	BOW18024D	BOW22024D	BOW28548D
Thrust at 12/24 VDCV (kgf)*	140	160	180	220	285 (48V)
Available ignition protected (I)	✓	✓	-	-	-
Power (kw-hp)	5,7 - 8	7 - 9,5	7 - 9,5	11 - 15	17,5 - 23,5
Motor DC	24	24	24	24	48
Advised boat length (ft - m)	40'-60'/12,5-18	44'-68/15-20	46'-70/14-22	50'-75'/16-22	60'-100'/20-30
Tunnel diameter (mm - inch)	250 - 9,8"	250 - 9,8"	250 - 9,8"	300 - 11,8"	300 - 11,8"
Weight excl. tunnel (kg)	32	38	38	68	68
For DC system V	24	24	24	24	48***
Battery main switch: model BATSW / type BPMAN	250/24	600/24	600/24	600/24	600/24
Battery CCA value EN (min / max)	783 / 1567	933 / 1866	668 / 1336	1267 / 2533	933 / 1866

* All VETUS DC thrusters are rated at a battery voltage of 10,5 or 21 VDC. This takes into account the voltage drop caused by the thruster.

*** Thruster model BOW28548D is supplied as standard with a series/parallel switch to permit connection to a 24 VDC battery bank.

Battery state of charge, battery cable size, ambient temperature and other factors can affect thruster performance and operating time. For advice on battery cable length per model, see page 237.

Dimensions of DC bow and stern thrusters (in mm)

Code	BOW2512E	BOW3512E	BOW3512F	BOW4012	BOW4512D	BOW5512D	BOW5524D	BOW6012D BOW6024D
A	138	138	138	138	143	143	143	143,5
B	323	343	330	338	365	377	377	397
C	73	79	79	79	79	79	79	77
D min./max.	220 / 440	300 / 600	300 / 600	300 / 600	250 / 500	300 / 600	300 / 600	370 / 740
E	149	149	149	149	160	160	160	160
F Ø	112	112	112	112	130	130	130	130
G min.	110	150	125	140	125	150	150	185
H Ø	110	150	125	140	125	150	150	185

Code	BOW7512D BOW7524D	BOW9512D BOW9524D	BOW12512D BOW12524D	BOW16024D	BOW18024D	BOW22024D	BOW28548D
A	155	209	209	222	247	247	247
B	435	443	500	548	600	627	627
C	77	77	108	108	108	136	136
D min./max.	370 / 740	370 / 470	500 / 1000	500 / 1000	500 / 1000	600 / 1200	600 / 1200
E	200	200	200	240	258	258	258
F Ø	135	150	150	185	212	212	212
G min.	185	185	250	250	250	300	300
H Ø	185	185	250	250	250	300	300

