



BOW PRO series: BOWA

The complete BOW PRO thrusters range starts with the BOWA series.

- A range of thrusters with thrust outputs ranging from 30 kgf to 76 kgf
- Battery powered at 12 VDC
- Runtime of 10 minutes at full power and even longer runtimes at reduced power

Battery state of charge, battery cable size, ambient temperature and other factors can affect thruster performance. Advice for battery cable length per model see page 237.



BOWA0361



BOWA0761

BOW PRO series - Type	BOWA0301	BOWA0361	BOWA0401	BOWA0421	BOWA0571	BOWA0651	BOWA0761
Thrust at 12/24 VDC (kgf)*	30	36	40	42	57	65	76
Power (kw-hp)	1,2 - 1,6	1,2 - 1,6	2,7 - 3,7	2,7 - 3,7	2,7 - 3,7	2,7 - 3,7	2,7 - 3,7
Brushless AC motor	✓	✓	✓	✓	✓	✓	✓
Advised boat length (ft - m)	<24' / <7	20'-30'/6-10	23'-36'/7-11	26'-37'/8-11,5	26'-39'/8-12	27'-40'/8-12,5	30'-45'/10-14
Tunnel diameter (mm - inch)	110 - 4,33"	125 - 4,92"	140 - 5,5"	125 - 4,92"	150 - 5,9"	185 - 7,3"	185 - 7,3"
Weight excl. tunnel (kg)	24	24	31	35	35	35	35
Operating time, continuously max per hour in minutes**	10	10	10	10	6	10	6
For DC system V	12	12	12	12	12	12	12
Battery main switch: model BATSW / type BPMAN	250/12	250/12	250/12	250/12	250/12	250/12	250/12
Internal thruster fuse (Amp)	200	300	300	300	300	250	300
Battery Ah value (C20)	90	170	145	145	185	170	200

BOW PRO series: BOWA 48 VDC

The increasing popularity of environmentally friendly boats with 48 VDC electric propulsion required the development of thrusters running at the same voltage, and these BOW PROs are designed to meet that need. The 48 VDC BOW PRO thrusters offers all the advantages of the standard BOW PRO; available in several propeller and tunnel diameters and are more than powerful enough to turn your runabout in the desired direction.

- A range of smaller thrusters with thrust outputs ranging from 30 kgf to 76 kgf
- Battery powered at 48 VDC
- Runtime of 10 minutes at full power and even longer runtimes at reduced power

BOW PRO series - Type	BOWA0304	BOWA0364	BOWA0574	BOWA0764
Thrust at 48 VDC (kgf)*	30	36	57	76
Power (kw-hp)	1,2 - 1,6	1,2 - 1,6	3,1 - 4,2	3,1 - 4,2
Brushless AC motor	✓	✓	✓	✓
Advised boat length (ft - m)	<24' / <7	20'-30'/6-10	26'-39'/8-12	30'-45'/10-14
Tunnel diameter (mm - inch)	110 - 4,33"	125 - 4,92"	150 - 5,9"	185 - 7,3"
Weight excl. tunnel (kg)	24	24	35	35
Operating time, continuously max p/h in minutes full power**	10	10	10	10
For DC system (Volt)	48	48	48	48
Battery main switch: model BATSW / type BPMAN	250	250	250	250
Internal thruster fuse (Amp)	80	100	100	100
Battery Ah value (C20)	60	60	60	60

* When the BOW PRO is operating within the set boundaries, the thrust output is not affected by voltage drop (10.5-15V, 21-30V, 41-60V).

** BOW PRO thrusters will run continuously for 6 or 10 minutes (depending on thruster model) at full power, after that the power may be reduced. At less than full power setting, run time is greatly enhanced. To achieve these results installation instructions must be adhered.