

EXTENDED RUNTIME DC BOW AND STERN THRUSTERS

Extended runtime thrusters

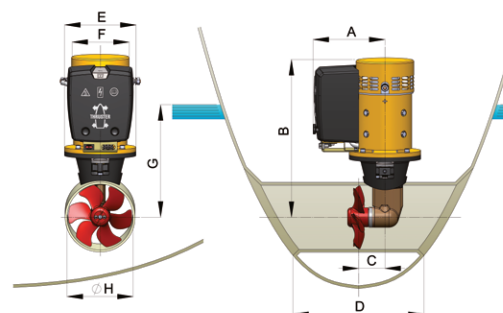
Delivers a lot extra!

An extension of the basic, time-tested DC thruster, developed for use in integrated boat control systems requiring long runtimes at high power outputs. For boats ranging from 36 to 75 feet. Extended runtime thrusters can be operated continuously for at least 7 minutes without overheating. There is no doubt that all boaters can benefit highly from these thrusters designed for joystick docking and other more demanding applications.

- On-off, port-starboard controls
- Simple and intuitive to operate
- Simple installation, easy retrofit
- 5 models with power outputs ranging from 95 KgF to 220 KgF
- Battery powered at 12 and 24 volts
- Run time 7-10 minutes continuous or combined in one hour.
- Motor technology: direct current, series wound with carbon brushes



Model number (dimensions in mm)	BOW952DE	BOW954DE	BOW1254DE	BOW1604DE	BOW2204DE
A	222	222	222	247	247
B	492	492	523	600	627
C	77	77	108	108	136
D min/max.	370/740	370/740	500/1000	500/1000	600/1200
E	240	240	240	258	258
F	185	185	185	212	212
G min.	185	185	250	250	300
H	185	185	250	250	300



Specifications	BOW952DE	BOW954DE	BOW1254DE	BOW1604DE	BOW2204DE
Thrust in N (kgf) (effective power output)	1050 (105)	1050 (105)	1300 (130)	1600 (160)	2200 (220)
Power kW (hp)	5.7 (8)	5.7 (8)	5,7 (8)	7 (9,5)	11 (15)
Motor, reversible D.C.	✓	✓	✓	✓	✓
Tunnel diameter, internal, mm	185	185	250	250	300
Weight excl. tunnel, incl. packaging, in kg	34	34	41	62	82
Weight excl. tunnel, excl. packaging, in kg	30,7	30,7	35,8	55	68
Voltage, Volt D.C.	12	24	24	24	24
Current consumption, Amps.	650	350	460	450	720
Operating time - continuously, in minutes	8	10	10	10	7
- maximum per hour, in minutes	8	10	10	10	7
Main fuse, "slow blow", Amps.	-	355	500	425	675
Batteries 12 Volt D.C., min. Ah / max. Ah @ 24 V	248/496	248/496	308/616	280/560	325/650
Battery cables**, total length of positive and negative cables together, m/mm²	0-21/70	0-21/70	0-20/95	0-29/120	0-21/150
Battery main switch, model BATSW / type BPMAN	600 / 24	600 / 24	600 / 24	600 / 24	***

** Based on VETUS battery cables

*** Currently not available in the VETUS programme