V"OLV"OPENTA.

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Parts Bulletin

Group	Number	Version
P-97-4	2	01

QL Bow Thruster Program Update

Models: QL Accessories

Distribution: Parts Date: 03-2005 Binder: Parts Replaces:

The thruster program continues to be developed. Below is listed the latest updates:
New Thruster Model.

The new QL Compact Thruster CT600 is now released.

PIN	Designation	Voltage	Notes
41100761	Bow thruster	12V	
41100767	Control Unit	12V	
41100771	Bow thruster	24V	Lead-time 4 weeks
41100768	Control Unit	24V	Lead-time 4 weeks
41100763	Tunnel		Diameter 160mm Length 1000mm
41100811	Tunnel		Diameter 160mm Length 1500mm

The CT600 24 V version is replacing the current SP600 and SP450 24V units. Please pay special attention to the new tunnel diameter, 160mm. SP600 fits in a 185mm tunnel. SP450 fits in a 132mm tunnel.

Recommended electrical installation as below:

QL Thruster Cable Requirements

Thruster	Motor V/kW	Recommended max. length 1)/ min. cable dimension. Length m	Length ft	Dim. 2) mm²	AWG	Recommended. min. battery capacity Ah	CCA SAE	Recomm. fuse amp
CT600	12 / 4	1-10	17-33	95	3/0			
		10-20	33-67	120	410	100Ah/12V	800	300 (PIN 41100052)
CT600	24 14	1-10	17 33	95	3/0			
		10-20	33-67	95	3/0	100Ah/24V	800	300 (PIN 41100052)

1) *The distance from the thrusters unit to the battery, one way, each cable.*
Use of even larger cable dimensions will give the thrusters better performance.
2) *Wiring insulation rating is 105°C minimum.*