



SharQ Propulsor

Compact Capability Enabling Propulsor

The SharQ propulsor provides unmatched mission capability via an embedded payload cavity along the aft centerline of the vehicle with in mission deployable towing capability.

Compact Size

Designed to pack a punch in a small form factor, the SharQ propulsor is centered on a hollow flooded direct-drive 7.5 KW permanent magnet motor. This motor is paired with a custom electronic speed controller and four independently actuated control fins for full mobility control.

Key Features and Benefits

Flooded Payload Cavity along the centerline of the vehicle

Aft deployment path with towable signal tether option

Default payload size 1.5" diameter by 15" length

Hollow Flooded direct-drive Motor

7.5KW default power with 9.5KW application dependent variant

Intended for Revolver multi-payload horizontal launcher compatibility

SharQ Specifications

Length	13.25"+ optional 3.25" towing
Depth Rating	spool 200+ meters
Thrust	15 ft-lbs
Navigation Controls	Pseudo-Vector Thrust Control Fins <ul style="list-style-type: none">- Control fins aft of thruster- Four independent control fins allow active roll, pitch, and yaw control- "X" configuration increase usable control surface area
Software Interface	CAN
Power Requirement	100V DC 115A
Payload Size	1.5" diameter 15 " default length with option to extend Fiber optic spool with up to 75' of length



Collaborating with QinetiQ Inc.

At QinetiQ we bring organizations and people together to provide innovative solutions to real world problems, creating customer advantage. Working with our partners and customers, we collaborate widely, working in partnership, listening hard and thinking through what customers need. Building trusted partnerships, we are helping customers anticipate and shape future requirements, adding value and future advantage.

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