

FALCON 191

INSPECTION CLASS ROV



VEHICLE SPECIFICATIONS

ROV CODE:	C242
DEPTH RATING (msw):	300
PAYLOAD (kg):	14
MASS IN AIR (kgf):	60
LENGTH (mm):	1000
WIDTH (mm):	600
FORWARD SPEED (kts):	3
THRUST FORWARD (kgf):	50
THRUST LATERAL (kgf):	28
THRUST VERTICAL (kgf):	13

CAMERA

SENSOR:	C.C.D 1/2"
RESOLUTION:	540 TV Lines
SENSIVITY:	0,35 Lux
ORIENTATION:	Tilt $\pm 90^\circ$

CONTROL & NAVIGATION

COMPASS & RATE GYRO:	Flux Gate, Accurate $\pm 1^\circ$
DEPTH SENSOR:	EAF 500 Accurate : $\pm 0,5\%$
VIDEO SYSTEM:	High resolution colour camera on 180° tilt platform
SONAR:	Seaeye
LIGHTNING:	3x 3200 Lumen Lights
AUTOPILOT:	Maintain Heading and Depth

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