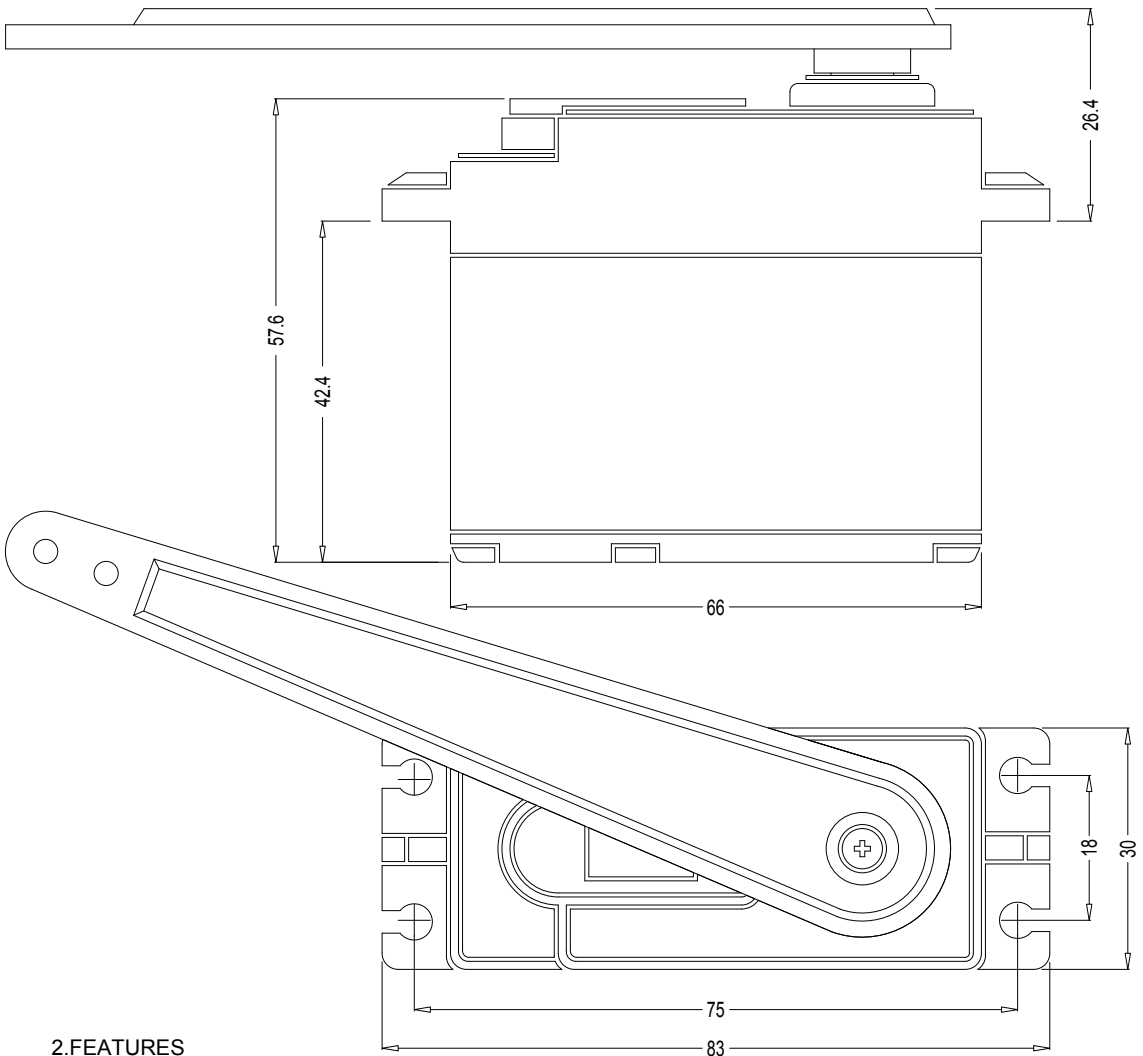


# ANNOUNCED SPECIFICATION OF HS-815BB MEGA 1/4 SCALE SAIL ARM 140° SERVO

## 1. TECHNICAL VALUES

CONTROL SYSTEM	: +PULSE WIDTH CONTROL 1500usec NEUTRAL	
OPERATING VOLTAGE RANGE	: 4.8V TO 6.0V	
OPERATING TEMPERATURE RANGE	: -20 TO +60°C	
TEST VOLTAGE	: AT 4.8V	AT 6.0V
OPERATING SPEED	: 0.19sec/60° AT NO LOAD	0.14sec/60° AT NO LOAD
STALL TORQUE	: 19.8kg.cm(274.96oz.in)	24.7kg.cm(343.01oz.in)
OPERATING ANGLE	: 70°ONE SIDE PULSE TRAVELING 400usec	
DIRECTION	: CLOCK WISE/PULSE TRAVELING 1500 TO 1900usec	
CURRENT DRAIN	: 8mA/IDLE AND 700mA/NO LOAD RUNNING	
DEAD BAND WIDTH	: 8usec	
CONNECTOR WIRE LENGTH	: 300mm(11.81in)	
DIMENSIONS	: 66x30x57.6mm(2.59x1.18x2.26in)	
WEIGHT	: 152g(5.36oz)	



## 2. FEATURES

3-POLE FERRITE MOTOR  
LONG LIFE POTENTIOMETER  
DUAL BALL BEARING  
INDIRECT POTENTIOMETER DRIVE  
WATER & DUST TIGHT  
108mm(4.25in) LONG ARM

## 3. APPLICATIONS

SAILBOAT SAIL ARM SERVO