

HFW80 Fifth Wheel Specifications

Output

- Digital optical encoder
- TTL compatible
- Counts available: 500 or 1024 counts per revolution

Speed Measurement

- Range: 0 to 80 mph (0-129 km/h)
- Accuracy: Better than 0.2 mph (0.3 km/h)

Distance Measurement

- 0.1 in/pulse (2.5mm/pulse) w/ 500 count encoder

Tire/Wheel

- ~15.5 in (39.4 cm) OD pneumatic tire
- 16" ABS thermoplastic wheel

Tire Growth

- Less than 0.5% at 50 mph (80 km/h)

Temperature Range

- -40° to 212° F (-40° to 100° C)

Cable

- 20 ft (6.1 m)
- 4 conductor, tinned leads

Material

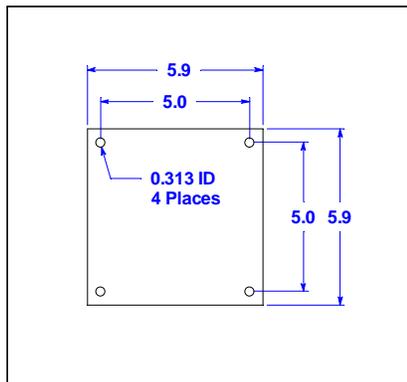
- Arm, Body & Mounts: Anodized 6061-T6 aluminum
- Axle: Heat treated tool steel
- Pivot Pins: 303 SST

Length

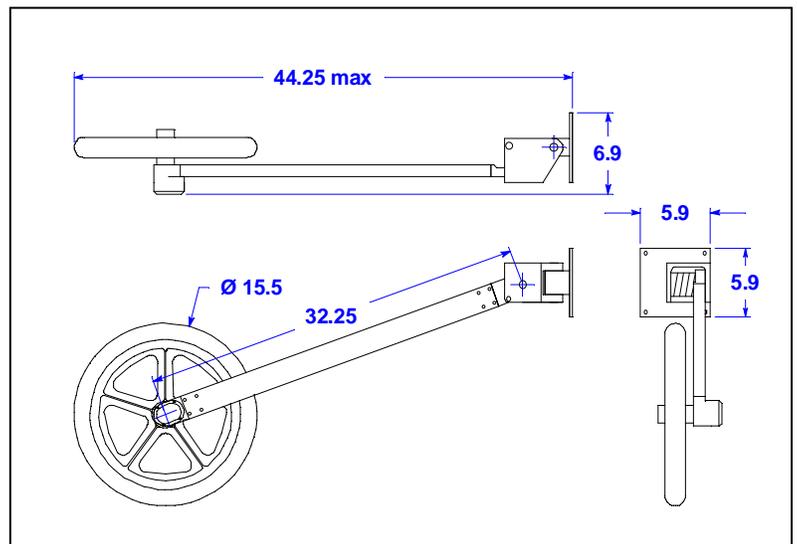
- Overall Length: 44.25 in (112.4 cm)
- Swing Arm Length: 32.25 in (81.9 cm)

Weight

- 20 lb (9 kg)



Mounting Plate Dimensions (inches)



Fifth Wheel Dimensions (inches)



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