

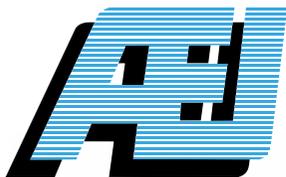


AE20 - NM

AE20-NM 20 mm Naval Mount



Focused Technology Skilled Engineering



AE20 - NM

HS804 20 mm Cannon



AMMUNITION

- TP & TP-T Target practice (+ Tracer)
- HE & HE-T High explosive (+ Tracer)
- HEI & HEI-T High explosive incendiary (+ Tracer)
- AP & AP-T Armour piercing (+ Tracer)
- API & API-T Armour piercing incendiary (+ Tracer)



THE MOUNT

- Traverse arc: 360° with optional adjustable safety arc stops
- Elevation arc: -10° to + 55°
- Swept radius: 1.68 m (66 in) at 0° elevation
- Height: 1 m (39.5 in) centre line from mounting base
- Weight: 157 kgf (345 lbf) excluding weapon, drum magazine, and ammunition

CANNON SPECIFICATION

- Cannon Type HS804
- Calibre: 20 x 110 mm
- Rate of fire: 620 - 780 rpm
- Muzzle velocity: 835 m/s (2,740 ft/s)
- Range (max): 5,700 m (6,234 yds)
- Range (effective) 2,000 m (2,187 yds)
- Recoil force (max): 4.5 kN (1,012 lbf)
- Recoil force (mean): 1.6 kN (360 lbf)
- Weight of cannon (less magazine): 42.8 kgf (94.4 lbf)
- Weight of 60 round drum magazine: 12.5 kgf (27.5 lbf)



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DESCRIPTION

AEI have developed the AE20 NM Naval Gun Mounting as an up-to-date alternative to, and a bolt-on replacement for the Oerlikon Type A41A. The mount has been designed in-house, using the latest material technology, to give the maximum reliability demanded by arduous sea borne conditions. The AE20 NM is designed to accept the original and well proven Hispano-Suiza type 804 20mm Cannon, of which AEI has the largest worldwide stock of complete weapons and spares.

Where the customer demands ruggedness and reliability as the main criteria, rather than expensive and often unnecessary sophistication, the cannon and mount integrate to form an economical and compact solution, without sacrificing build quality. As a multi-purpose weapon, it is highly effective against surface, air and land targets, and is ideally suited as a main armament on fast attack boats and patrol craft or as a secondary armament on larger vessels.

The 20 mm HS804 is a gas operated, reciprocating and open bolt gun. The drum magazine holds up to 60 rounds of linkless ammunition.



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