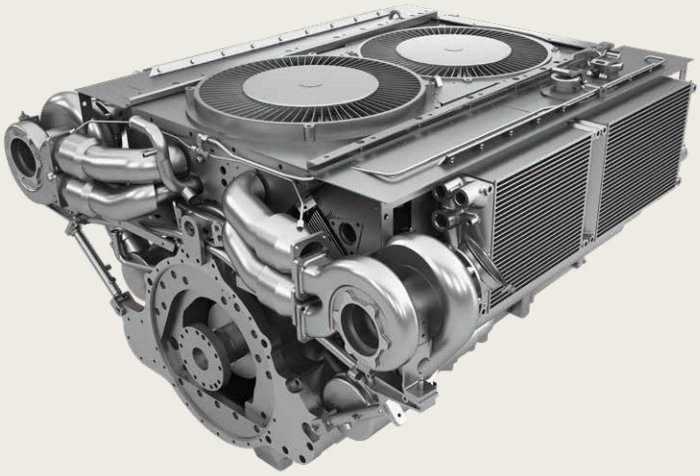
We power freedom.

RENK

MILITARY VEHICLES ENGINES

AVDS-1790 9BA ALTERNATIVE K9 SPH

/ FOR COMBAT VEHICLES
895 KW (1200HP)



Advantages of the AVDS-1790 drop in solution for K9 variants

- Components are in production on “hot” U.S. manufacturing lines
- Availability is sooner than competing power packs
- Low risk solution with proven powerpack components
- Much lower cost than comparable powerpacks
- Fully validated and field-tested powertrain solution
- 20% higher power at 1,200hp, provides improved mobility performance
- U.S. controlled technology allows for the maximum export opportunity
- Powerpack components enjoy high commonality with M1, M60 and M88 platforms
- Air-cooled powerpack design for sustained operation in extreme environments
- Team with a trusted partner – RENK, the world leader in combat vehicle mobility

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RENK

AVDS-1790 9BA ALTERNATIVE K9 SPH

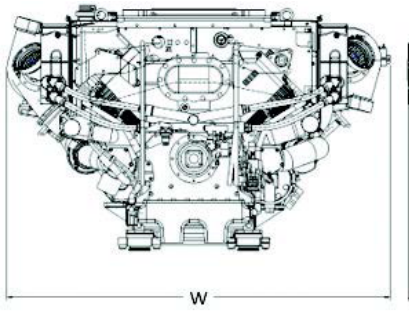
AVDS-1790 9BA engine for K9 SPH Variants.

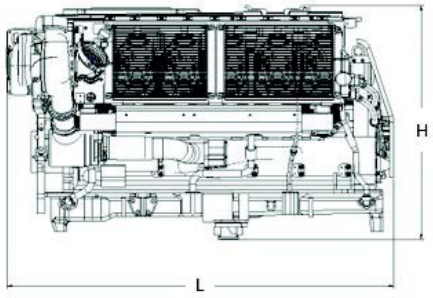
RENK America is the Original Equipment Manufacturer (OEM) of the AVDS-1790 Series Engine, standard in M60, M88, M48, & many allied combat vehicles. For decades, more than 35,000 engines have been engineered, manufactured, overhauled and upgraded in Muskegon, Michigan, ensuring the highest quality and reliability to our customers. Our refined manufacturing expertise and continuous technical development ensures RENK America can support K9 variant powerpack options.

Technical Information

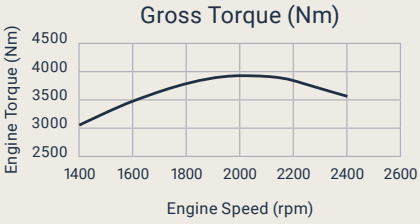
Square Bore/Sroke mm (in)	146 (5.75)
Displacement, Total L (cu. in)	29.3 (1790)
Number of cylinders	12
Speed	2400 rpm
Rated Power kW (hp)	895 (1200)
Dimensions* (L x W x H) mm (in)	1905 (75) x 1778 (70) x 1143 (45)
Mass, Dry Kg (lbs)	2313 (5,100)

* Dimensions shown are approximate. Engine layout can be adapted to the application of interest.

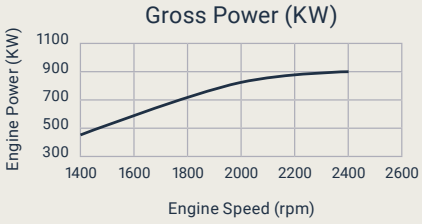




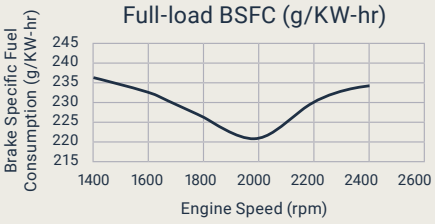
Torque



Power



Fuel Consumption



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