

# AMPV

Armored Multi-Purpose Vehicle Type 2A

# KNDS







## / Highly flexible and versatile command and utility vehicle

The innovative new Armored Multi-Purpose Vehicle (AMPV)\* is an ultramodern command and multi-purpose vehicle that combines high mobility with the best possible protection. Long years of experience have flowed into the AMPV concept, which is strongly oriented to the modern armies mission spectrum.

The AMPV vehicle family features a robust, high-performance chassis with single wheel suspension, long spring excursion and high ground clearance. With a turning radius of less than 15 meters and a 200 kW engine output, the AMPV performs superbly in all conditions. A self-supporting safety cell made of steel and composite armor sets a whole new standard for force protection in vehicles of this class. As a result, the AMPV exceeds the current protection criteria at the same time as achieving a significant savings in weight.

\*Developed by KNDS and Rheinmetall



## Key Characteristics

- Vehicle design based on operational experience of the Bundeswehr
- Self-supporting steel armor hull with composite armor makes it the best-protected vehicle of its class
- Automatic transmission assures optimum mobility in the field
- Automatic limited slip differential management for easy handling
- Vehicle concept offers a well-balanced ratio of payload and volume with protection and total weight
- Robust chassis with single wheel suspension for maximum mobility in all types of terrain
- Central tyre inflation system (CTIS)
- Excellent ergonomics and ease of operation



## / Technical Data:

<b>Crew</b>	4
<b>Usable volume</b>	Transport space: 5.5 m <sup>3</sup> Stowage space: 1.0 m <sup>3</sup>
<b>Maximum permissible weight</b>	10.0 t
<b>Payload</b>	2.2 t
<b>Length</b>	5.43 m
<b>Width</b>	2.28 m
<b>Height</b>	2.19 m
<b>Ground clearance</b>	0.35 m
<b>Top road speed</b>	105 km/h
<b>Gradability</b>	>60%
<b>Transverse gradient</b>	30%
<b>Angle of slope, front/rear</b>	42°/40°
<b>Ramp angle</b>	31°
<b>Turning radius</b>	<15 m
<b>Operating range</b>	700 km
<b>Engine</b>	3.2-litre, 6-cylinder SCI
<b>Climate zones</b>	A1, A2, A3, B1, B2, B3, C0, C1, C2

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