

QR FOR NEW GENERATIONS 30MM AMN FOR BMP- 2/2K

QR	New Genr 30mm APFSDS	New Genr HE amn to replace HE (I) & HEFT Amn	Practice Amn
	Be capable of being fired from existing 30mm 2A42 Main Gun w/o any modification to gun design, feeding mechanism and stowage		
		Advanced HE Amn with proximity fuse sought to replace both HE (I) & HEFT amn	Different Prac Amn for AP & HE to be provided
			Ballistic & dimensional properties for AP (Prac) & HE (Prac) to be same as main APFSDS and HE amn
MV	≥970 m/s	≥960 m/s	
Mass of round (kg)	≤0.826	≤0.833	
Cartridge length (mm)	≤291.84	≤292.84	
Trace burning time (max) (s)	>3.5 seconds	>9 seconds	
Effective Rg	≥2000	≥4000m	
Penetration	≥30mm at 1000m		
Fuse	NA	All weather Mechanical Nose Fuse with distant resetting and self destruction	
Consistency	Lateral and verticle dispersion ≤1m at 1000m	Lateral and verticle dispersion ≤0.6m at 1000m	
Shelf Line	Min 10 Years		
Op Temp	From (-) 30 ⁰ C to (+) 55 ⁰ C		