



**A Company with a vision
that knows no boundaries.**

NAVAL



**SHELL 155 mm
PRACTICE
M9603A1**

ARTILLERY

PE

FACTSHEET

SHELL 155 mm PRACTICE M9603A1

UNIQUE FEATURES

- Field interchangeable boat tail/base bleed unit.
- Ballistic similitude between all shell types.

TECHNICAL CHARACTERISTICS

	BOAT TAIL	BASE BLEED
Total mass unfuzed (kg):	44,6 to 46,6	44,3 to 46,6
Length unfuzed (mm)	843	843
Explosive mass (kg):	7,9	7,9
Nub diameter (mm):	154,9	154,9
Driving band diameter (mm):	157,86	157,86
Fuze cavity:	STD NATO	STD NATO
Design pressure (MPa):	530	530

TYPICAL PERFORMANCE IN 52-23/52-25 CALIBER SYSTEM

	52-23 CALIBER		52-25 CALIBER	
	UNASSISTED	ASSISTED	UNASSISTED	ASSISTED
Muzzle velocity (m/s):	928	943	995	1.015
Chamber pressure (MPa):	444	530	530	530
Maximum range (m):	33.000	42.250	38.400	50.150
Consistency (at 10,000):				
-50% zone in range (%):	0,96	1,20	0,96	1,20
-50% zone in azimuth (mils):	2,0	2,5	2,0	2,5
Qualification temperature (°C):	-33 to +63	-33 to +63	-33 to +63	-33 to +63

PACKING AND MARKING

Marking:	Standard NATO marking or as per customer requirements.
Packing:	8 or 24 pack pallets or as per customer requirements.

SUBJECT TO IMPROVEMENT AND CHANGE WITHOUT PRIOR NOTICE, THIS DOCUMENT SHALL NOT BE DEEMED TO FORM PART OF ANY CONTRACT.





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CLUSTER HEHC
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