



# SOLID ROCKET BOOSTER

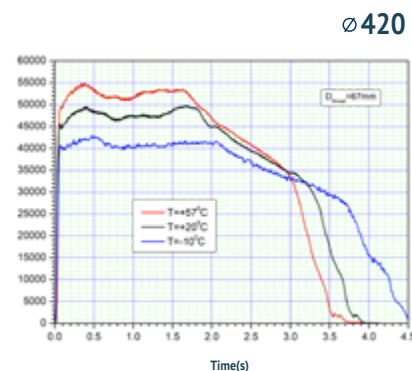
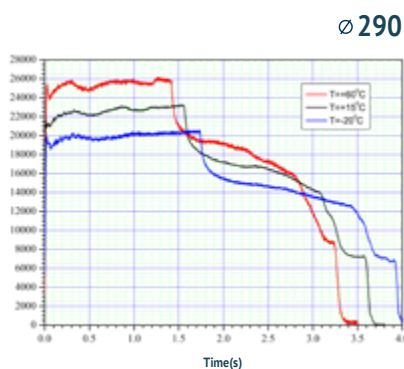
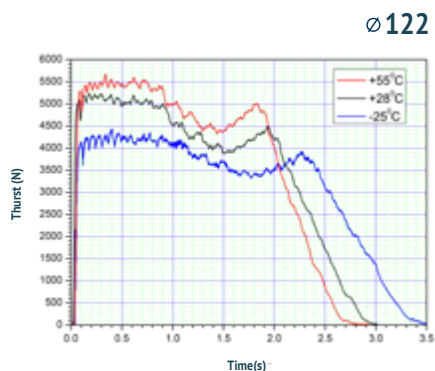
Ø122mm/Ø290mm/Ø420mm/Ø520mm

Given EDePro's reputation as a go-to and dependable partner for cutting-edge propellant grain technologies and solid rocket boosters, the company can develop fully customised boosters of varying calibres for a wide range of rocket-based applications. So far, EDePro's engineering team have created 122mm, 290mm, 420mm, and 520mm boosters, all of which have proven to be highly effective, compact, and light in design.

## MAIN FEATURES

- » Thermoplastic composite propellant
- » Complete customization
- » Long-lifetime storage

## THRUST-TIME DIAGRAM



## TECHNICAL SPECIFICATIONS

Parameters	Ø 122	Ø 290	Ø 420	Ø 520
Rocket's motor mass	13.8 kg	50 kg	109 kg	300 kg
Rocket's motor outer diameter	122 mm	290 mm	420 mm	520 mm
Rocket's motor length	591 mm	475 mm	550 mm	950 mm
Propellant's mass	5,3 kg	29 kg	66 kg	165 kg
Total impuls	≥11.539 Ns	≥65.000 Ns	≥150.000 Ns	≥360.000 Ns
Maximum thrust force	≤5.450 N	≤30.000 N	≤70.000 N	≤160.000 N
Burning time	3.2÷3.5 s	3.3÷4.0 s	3.5÷4.5 s	2.7÷3.3 s