

Data Sheet	Pneumatic Driven Amplifier	Typ AAD-5 Double acting Single stage
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Technical Data

Air drive pressure (Pa)	1,8-10 bar
Pressure ration	1:5
Maximum compression ratio	1:10
Minimal gas supply pressure	1,7 bar
Maximum gas supply pressure	85 bar
Maximum outlet pressure (Po)	85 bar
Flow capacity per cycle	320 cm ³
Cycle	60/min / introduction max. 30-40 min ⁻¹
Formula for pressure Po	4 x Pa + Ps

Connection

Air drive	1/2" NPTi
Inlet / Outlet	1/2" NPTi
Temperature Gas Section	85°C
Weight	11 kg

Performance chart for pressure and flow see attached sheet

Material

Pump Section	Aluminium eloxiert
Non Metallic	PTFE, Viton®, Buna-N® (NBR)
Material Plunger	Stainless Steel 303
Medium	Air / Nitrogen

Optional

Air controls with airline filter and regulator gauge Typ AAD-5-C-HD
Air pilot switch; Safety valve; Atex certified Ex II2GcT3; Stroke counter; Extreme Service Cycling Mod; External Pilot; Unit's;

