

APOLLON - EGR-P SYSTEMS

The EGR-P range of EGR systems uses proportional solenoids to control deflection of dual-seat valves. The design of the valves

provides force compensation, making them largely insensitive to pulsations in the exhaust flow.

Technical data EGR-P systems

APOLLON EGR-P systems	EGR-P 35	EGR-P 45	EGR-P 55
Flow rate at 100 mbar	145 kg/h	315 kg/h	(Currently under development)
Minimum flow area	430 mm ²	970 mm ²	
Maximum stroke	6.5 mm	6.5 mm	
Maximum opening force	30 N	40 N	
Valve diameter	35 mm	45 mm	
Operating temperature	-40°C to +150°C	-40°C to +150°C	
Maximum current draw	2.5 A	3.5 A	
Opening/closing response	50 ms	80 ms	
Protection class	IP6K9K	IP6K9K	
Weight	1.2 kg	1.3 kg	



EGR Valve EGR-PV 45

EGR Valve EGR-PV 35