

RAIL 001

LPG/CNG Injection Rail

Injection rail RAIL -001 with a piston construction



DESCRIPTION

In order to achieve the injector's short opening and closing times, it was equipped with 2-ohm coil and upgraded interior design. Piston is both smaller and lighter, which results in smaller forces of inertia affecting it. The results are shorter times of injector's opening / closing and a longer life-span of rubber components cooperating with the injector guide. The

whole is made of high quality materials, which are treated on numerically controlled machines. Attention to details and repeatedly performed tests resulted in achieving good parameters and a long time of failure-free work.

TECHNICAL SPECIFICATION

		2 Ω	3 Ω
Max flow rate at 1,2bar	[NI/min]	120 ±2	120 ±2
Nozzle diameter	[mm]	max 3,0	max 3,0
Coil resistance	[Ω]	2,0±4%	3,0±4%
Opening time	[ms]	~ 2,4	~3,2
Closing time	[ms]	~2,2	~2,2
Max peak current	[A]	4	4
Max hold current	[A]	2	2
Operating pressure	[bar]	0,2 ÷ 4,2	0,2 ÷ 4,2
Max working pressure	[bar]	4,5	4,5
Working temperature	[°C]	-40 ÷ 120	-40 ÷ 120
Operating voltage range	[V DC]	6 ÷ 18	6 ÷ 18
Warranty	[km]	50000	50000
Connector		SuperSeal	

Homologation

E20 67R-010905 ; E20 110R-000033