

FPR Kompact (Bosch) Sleeper



The FPR Kompact Bosch/Barra OEM Fuel Rail replacement is an all-Black Fuel Regulator Upgrade Series for OE and Mild Upgrades to around 800HP. The FPR Kompact (Bosch) includes a universal (1/8NPT) Gauge Port as well as Bolt-ON direct replacement for Bosch in-rail style regulators as fitted to the VAG (Volkswagen Audi Group) vehicles and the Ford 'Barra' Engine as found in the Australian Delivered Ford XR6 turbo. Providing class leading fuel control and response with a small footprint.

- 1/8" NPT Gauge port fitting
- MILSPEC diaphragm
- Suitable for all fuels
- 1:1 true reference pressure ratio
- 35-80psi base pressure adjustable

Mechanical Data

Control diameter	4mm
Mass	234g
Horsepower Rating	800hp
Safe working pressure max.	1240 kPag / 180 psig / 12 bar
Actuator life	>10000k cycles @ 180°C ambient
Piston pressure bias	1:1
Max. spring base pressure	550 kPag // 80 psig // 5.1 bar
Min. spring base pressure	240 kPag // 35psig // 2.4 bar
Port fittings type	Signal: 1/16" NPT

Thermal Data

Min. Operating Temperature	-30°C
Max. Operating Temperature	200°C

Regulated Flow Data

L/h @35psig	713
L/h @80psig	1080
gal/min @35psig	3.14
gal/min @80psig	4.76
Regulation Slope	0.0349kPa/Lh (1.1499psi/Gpm)

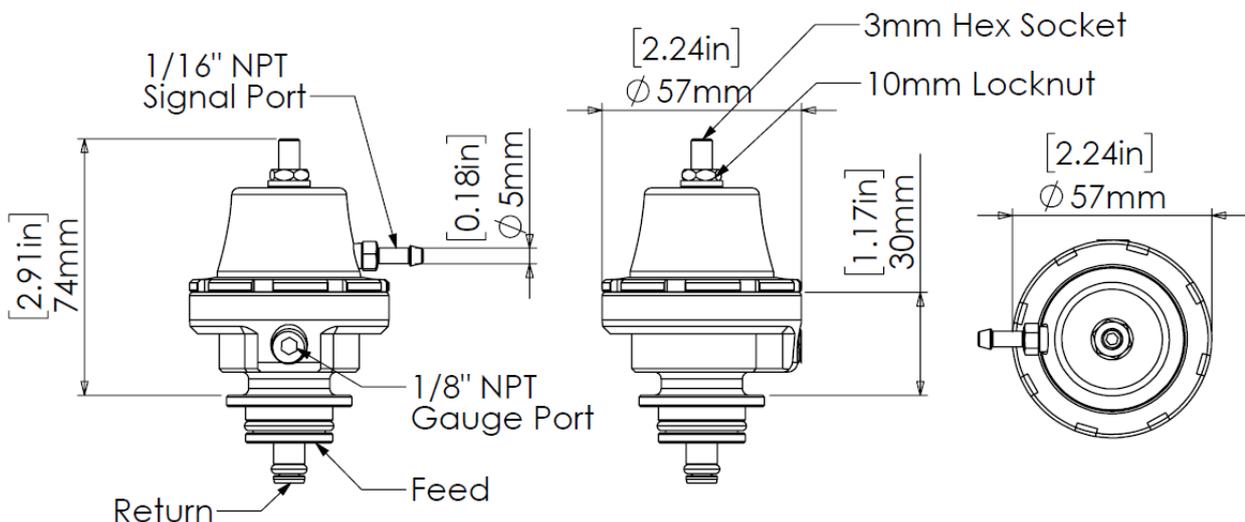
Material Data

Beryllium (Be)	0%
Main body	6262 T6 anodised Al.
Valve	Stainless Steel
Valve Seat	Stainless Steel
Elastomers	Viton
Diaphragm	Proprietary MILSPEC
Springs	17-7 Stainless Steel

Order Data

Refer to catalogue for accessories

TS-0404-1005	FPR Kompact (Bosch) Sleeper
TS-0402-2023	0-100psi Liquid Filled Gauge



*Power calculated is using industry average values, please allow for some safety margin for your application, if in doubt, the next size up regulator is a safe decision.