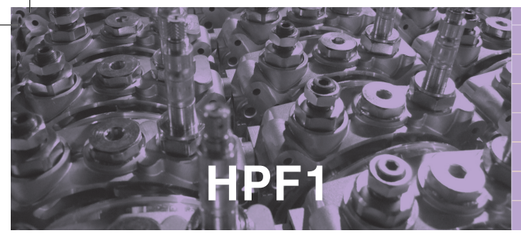
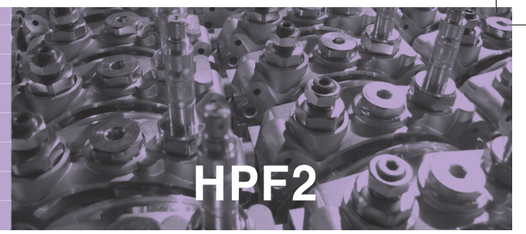
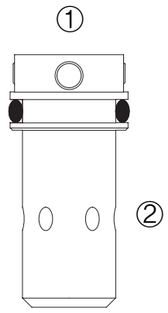


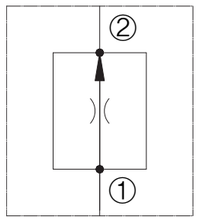
PRESSURE COMPENSATED FIXED THROTTLE VALVE

PRESSURE COMPENSATED FIXED THROTTLE VALVE





SYMBOL



DESCRIPTION

They are flow control valves, two ways, pressure compensated and with fixed orifice.

OPERATION

Flow setting is preadjusted through the calivrated orifice drilled in the compensator piston and is kept constant from ① to ② regardless of the △p between port ① and ② On the opposite direction, from ② to ①, the flow is restricted (not pressure compensated) according to the orifice size.

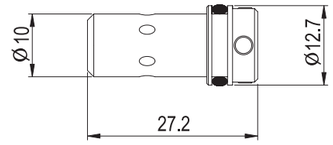
FEATURES

Max working pressure : 210bar
Tolerance in nominal flow ±10% (at 100 bar)

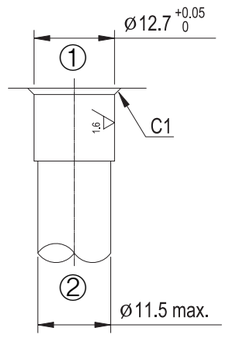
RATINGS

Pressure Compensated Flow		
code	Raegulated flow rate	Application
F01	1 (ℓ/min)	M, X, QH
F02	2 (ℓ/min)	
F03	3 (ℓ/min)	
F04	4 (ℓ/min)	
F06	6 (ℓ/min)	
F08	8 (ℓ/min)	
F10	10 (ℓ/min)	
F12	12 (ℓ/min)	

DIMENSIONS

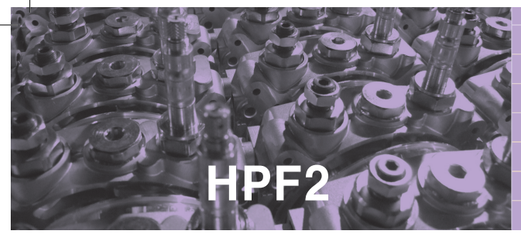


CAVITY



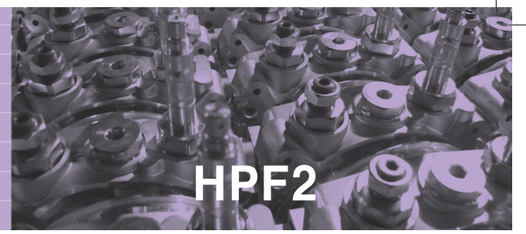
MATERIALS

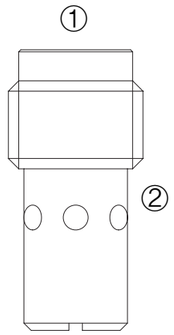
Valves are made in high quality steel, the female is grinded the piston is hardened and ground.



PRESSURE COMPENSATED FIXED THROTTLE VALVE

PRESSURE COMPENSATED FIXED THROTTLE VALVE





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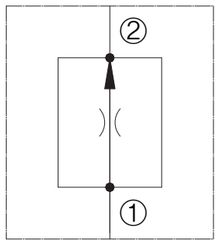


DESCRIPTION

They are flow control valves, two ways, pressure compensated and with fixed orifice.

OPERATION

Flow setting is preadjusted through the calivrated orifice drilled in the compensator piston and is kept constant from ① to ② regardless of the △p between port ① and ②. On the opposite direction, from ② to ①, the flow is restricted (not pressure compensated) according to the orifice size.

FEATURES

Valves are burnished

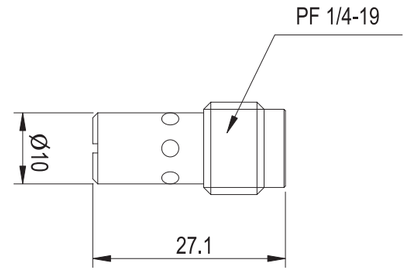
Max working pressure : 210bar

Tolerance in nominal flow ±10% (at 100 bar)

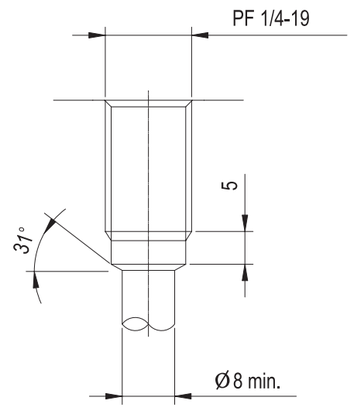
RATINGS

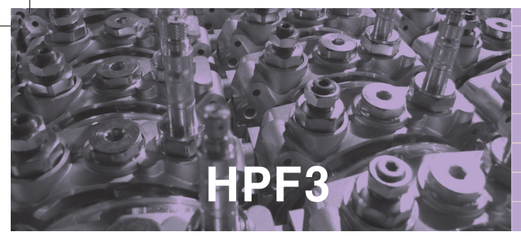
Pressure Compensated Flow		
code	Raegulated flow rate	Application
F01	1 (ℓ/min)	SH
F01	1 (ℓ/min)	
F02	2 (ℓ/min)	
F03	3 (ℓ/min)	
F04	4 (ℓ/min)	
F06	6 (ℓ/min)	
F08	8 (ℓ/min)	
F10	10 (ℓ/min)	
F12	12 (ℓ/min)	

DIMENSIONS



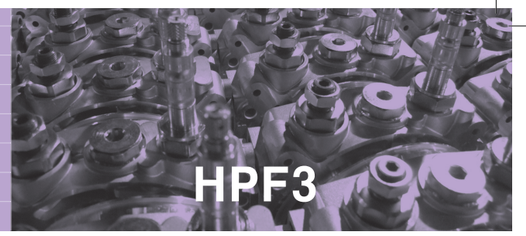
CAVITY

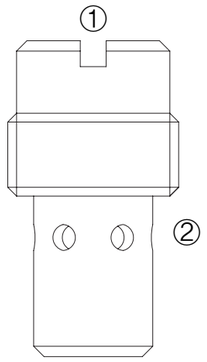




PRESSURE COMPENSATED FIXED THROTTLE VALVE

PRESSURE COMPENSATED FIXED THROTTLE VALVE





DESCRIPTION

They are flow control valves, two ways, pressure compensated and with fixed orifice.

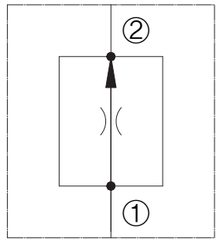
OPERATION

Flow setting is preadjusted through the calivrated orifice drilled in the compensator piston and is kept constant from ① to ② regardless of the △p between port ① and ②. On the opposite direction, from ② to ①, the flow is restricted (not pressure compensated) according to the orifice size.

FEATURES

Max working pressure : 210bar
Tolerance in nominal flow ±10% (at 100 bar)

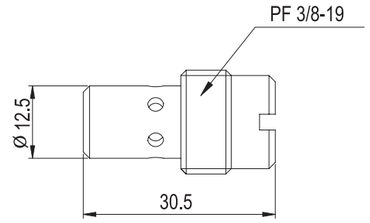
SYMBOL



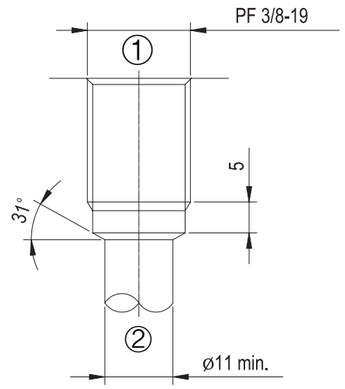
RATINGS

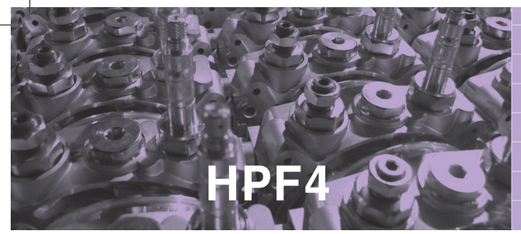
Pressure Compensated Flow		
code	Raegulated flow rate	Application
G01	1 (ℓ/min)	D1, D3
G02	2 (ℓ/min)	
G03	3 (ℓ/min)	
G04	4 (ℓ/min)	
G06	6 (ℓ/min)	
G08	8 (ℓ/min)	
G10	10 (ℓ/min)	
G12	12 (ℓ/min)	

DIMENSIONS

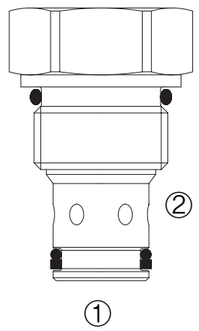


CAVITY

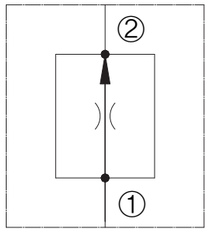




PRESSURE COMPENSATED FIXED THROTTLE VALVE



SYMBOL



DESCRIPTION

They are flow control valves, two ways, pressure compensated and with fixed orifice.

OPERATION

Flow setting is preadjusted through the calivrated orifice drilled in the compensator piston and is kept constant from ① to ② regardless of the △p between port ① and ②. On the opposite direction, from ② to ①, the flow is restricted (not pressure compensated) according to the orifice size.

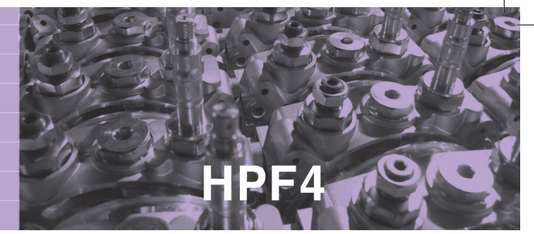
FEATURES

Max working pressure : 210bar
Tolerance in nominal flow ±10% (at 100 bar)

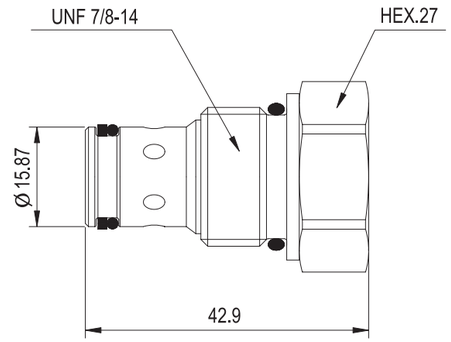
RATINGS

Pressure Compensated Flow		
code	Raegulated flow rate	Application
K04	1 (ℓ/min)	B5
K08	2 (ℓ/min)	
K12	3 (ℓ/min)	
K16	4 (ℓ/min)	
K20	6 (ℓ/min)	

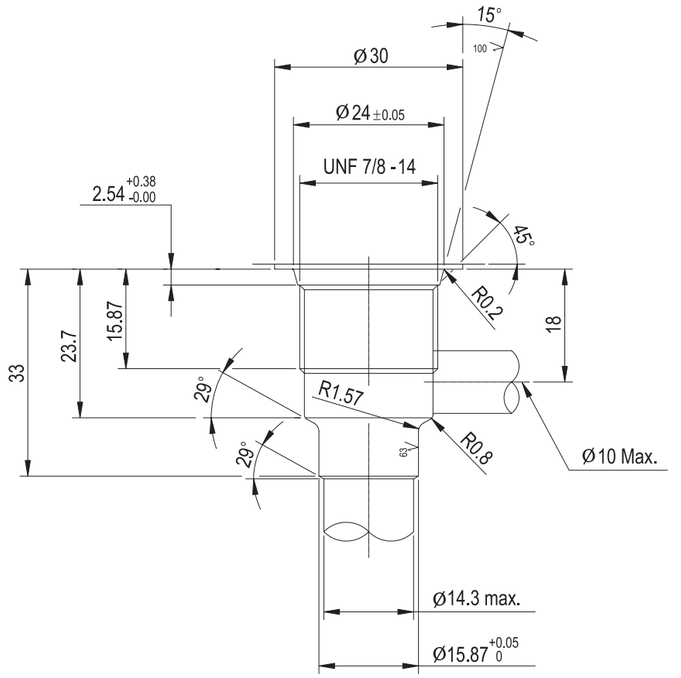
C M Y K
PRESSURE COMPENSATED FIXED THROTTLE VALVE

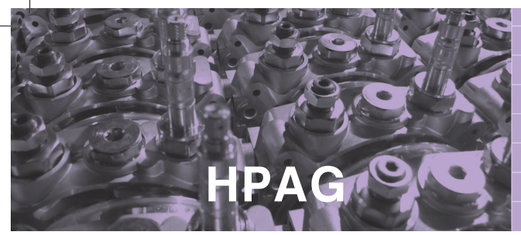


DIMENSIONS

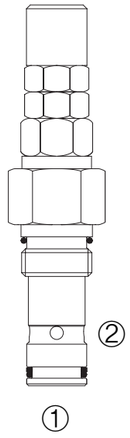


CAVITY

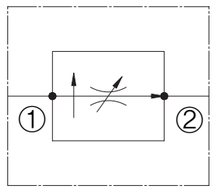




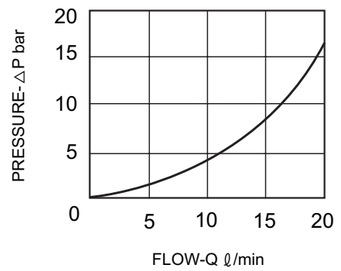
PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE



SYMBOL



PERFORMANCE



DESCRIPTION

They are flow control valves, two ways, pressure compensated and with adjustable orifice.

OPERATION

Flow through the valve from input port ① to outlet port ② is set using the one-piece poppet/adjuster. The spring-loaded spool shifts due to the resulting pressure drop, metering the main flow from port ②. Restricted reverse flow is unregulated from Ports ② to ①.

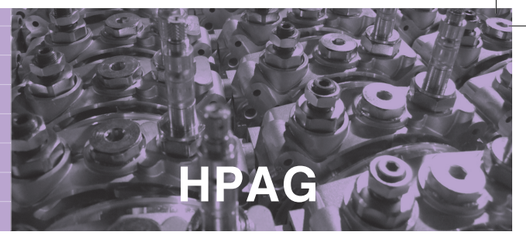
FEATURES

Max working pressure : 210bar
Tolerance in nominal flow ±10% (at 100 bar)

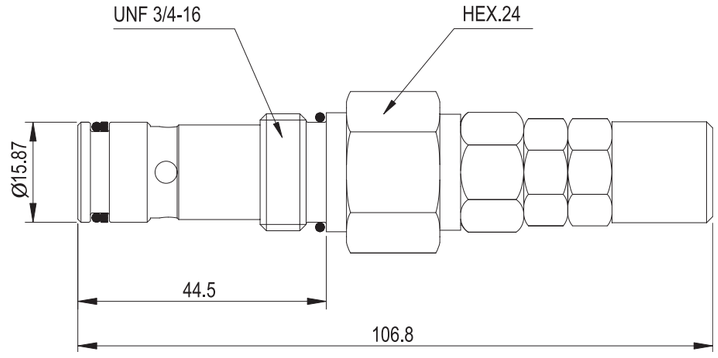
RATINGS

- Regulated flow : 2~12 (ℓ/min)

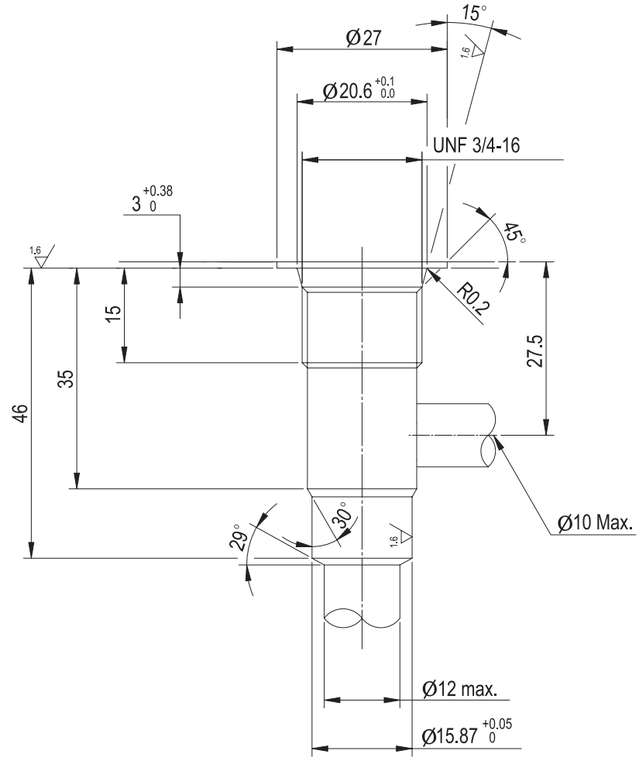
PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE

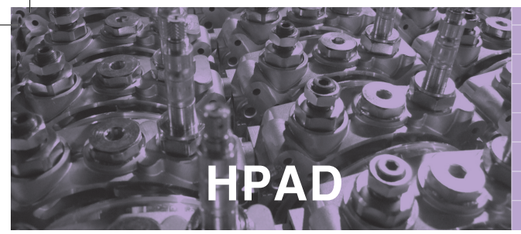


DIMENSIONS



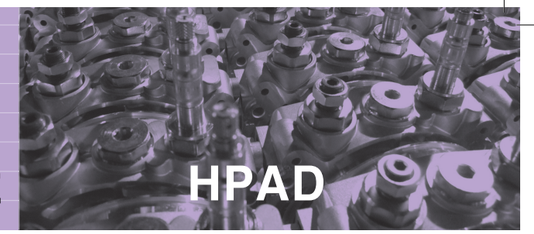
CAVITY

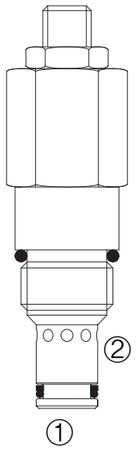




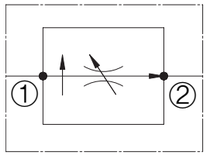
PRESSURE COMPENSATED ADJUSTABLE THROTTLE ALVE

PRESSURE COMPENSATED ADJUSTABLE THROTTLE ALVE

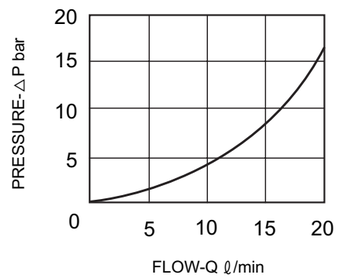




SYMBOL



PERFORMANCE



DESCRIPTION

They are flow control valves, two ways, pressure compensated and with adjustable orifice.

OPERATION

Flow through the valve from input port ① to outlet port ② is set using the one-piece poppet/adjuster. The spring-loaded spool shifts due to the resulting pressure drop, metering the main flow from port ②. Restricted reverse flow is unregulated from Ports ② to ①.

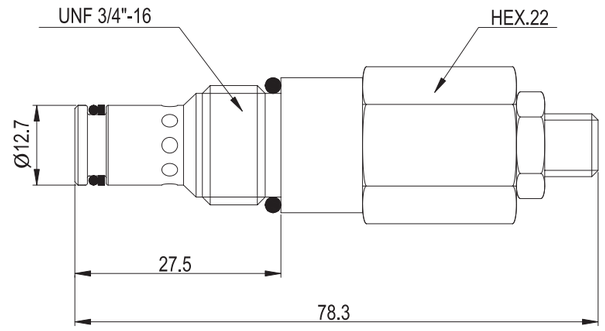
FEATURES

Max working pressure : 210bar
Tolerance in nominal flow ±10% (at 100 bar)

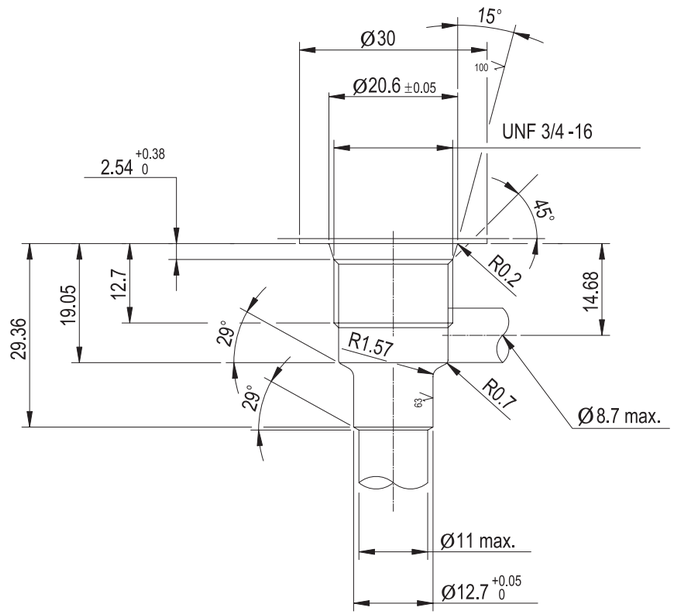
RATINGS

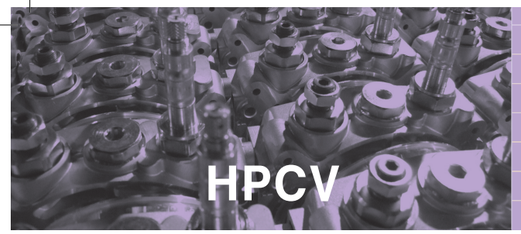
Regulated flow : 2~12 (ℓ/min)

DIMENSIONS



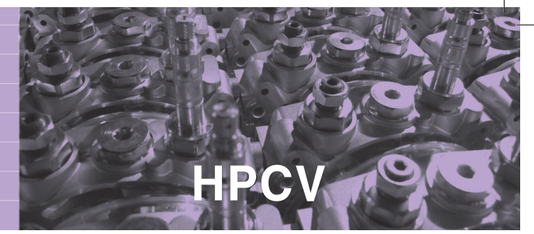
CAVITY

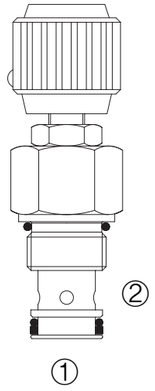




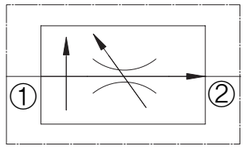
PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE

PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE

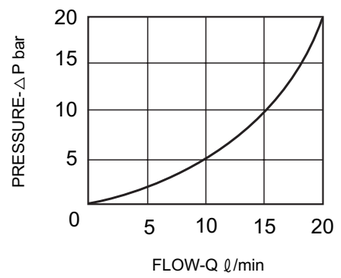




SYMBOL



PERFORMANCE



DESCRIPTION

They are flow control valves, two ways, pressure compensated and with adjustable orifice.

OPERATION

Flow through the valve from input port ① to outlet port ② is set using the one-piece poppet/adjuster. The spring-loaded spool shifts due to the resulting pressure drop, metering the main flow from port ②. Restricted reverse flow is unregulated from Ports ② to ①.

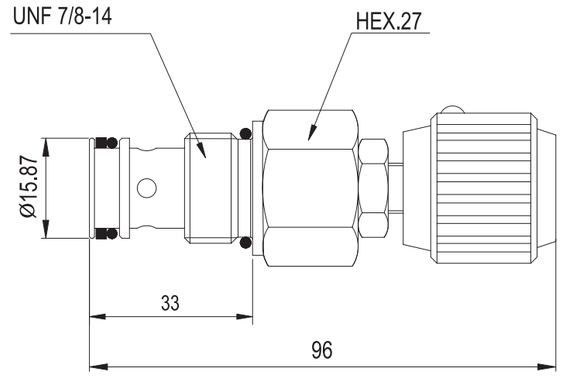
FEATURES

ⓐ Minimal flow change with pressure variation.
ⓑ Partial reverse flow capability.
ⓒ Hardened working parts for maximum durability.
ⓓ Adjustable and tamperproof versions available.

RATINGS

- Pressure : 420 bar
- Regulated Flow : 1-40 ℓ/min
- Fluid : Mineral oil or synthetic fluid with lubricant properties
- Ideal viscosity 15 - 50 cSt
- Filtration : 25 microns or better

DIMENSIONS



CAVITY