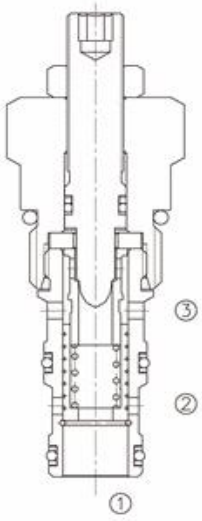
HİDROSAM HİDROPAR

Legend Valves

Regülatör,Basınç- Dengeli Akış Kontrol Valfi

LFR-10-3A



Regulator, Pressure-Compensated Flow Control Valve

OPERATION

The valve maintains a constant flow rate from ③ regardless of load pressure changes in the system downstream of ③, or in the bypass leg at ②. Reverse flow (③ to ①) bypasses the con -trol orifice.
The regulated flow increases from closed to fully open, with counter-clockwiserotation of the knob.
Note: When used as a bypass flow control in applications where the priority flow portwill be blocked by external valving, bypass pressure drop will increase unless a small amount of leakage is provided for the priority port.

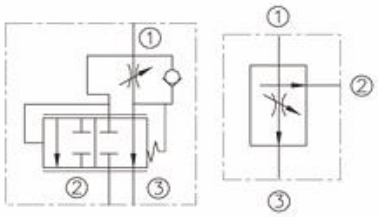
FEATURES

Bypass port ② may be fully pressurized.
Hardened poppet and seat for long life.
Quiet, modulated response.
Industry common cavity.
Compact size.
High flow capacity.
Used for systems requiring priority.

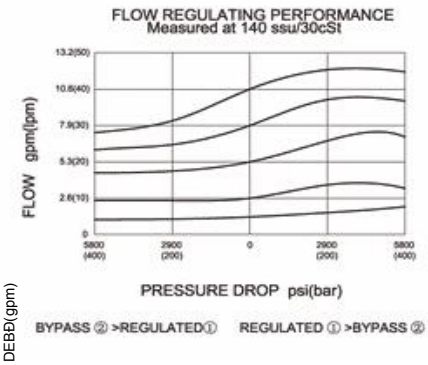
ÖZELLİKLER

-Yan geçiş giriş yolu tam basınçlandırılabilir
-Uzun ömür için sertleştirilmiş hassas parça
Hareketsiz, ayarlanmış etki
-Endüstriyel standartlarda kavite
Kompakt Boyut
-Yüksek debi kapasitesi
-Öncelikle sistem gereksinimlerine göre kullanılır

SYMBOL



PRESSURE DROP VS. FLOW



DEBİ(gpm)

BASINÇ

SPECIFICATIONS

Max. Operating Pressure : 420 Bar
Flow : See PRESSURE DROP VS.FLOW graph.
Flow Settings : 3-ported regulated flow : 2-45 lpm .
2-ported regulated flow : 2-40 lpm .
1-ported inlet flow : 10-90 lpm .
Temperature : NITRILE(BUNA-N) -30 to 100℃
VITON -20 to 150℃
Fluids : Mineral-based fluids.
For other fluid compatibility, consult factory.
Cavity : 10-3,see page 265
Body Material : steel rated at 350 Bar.

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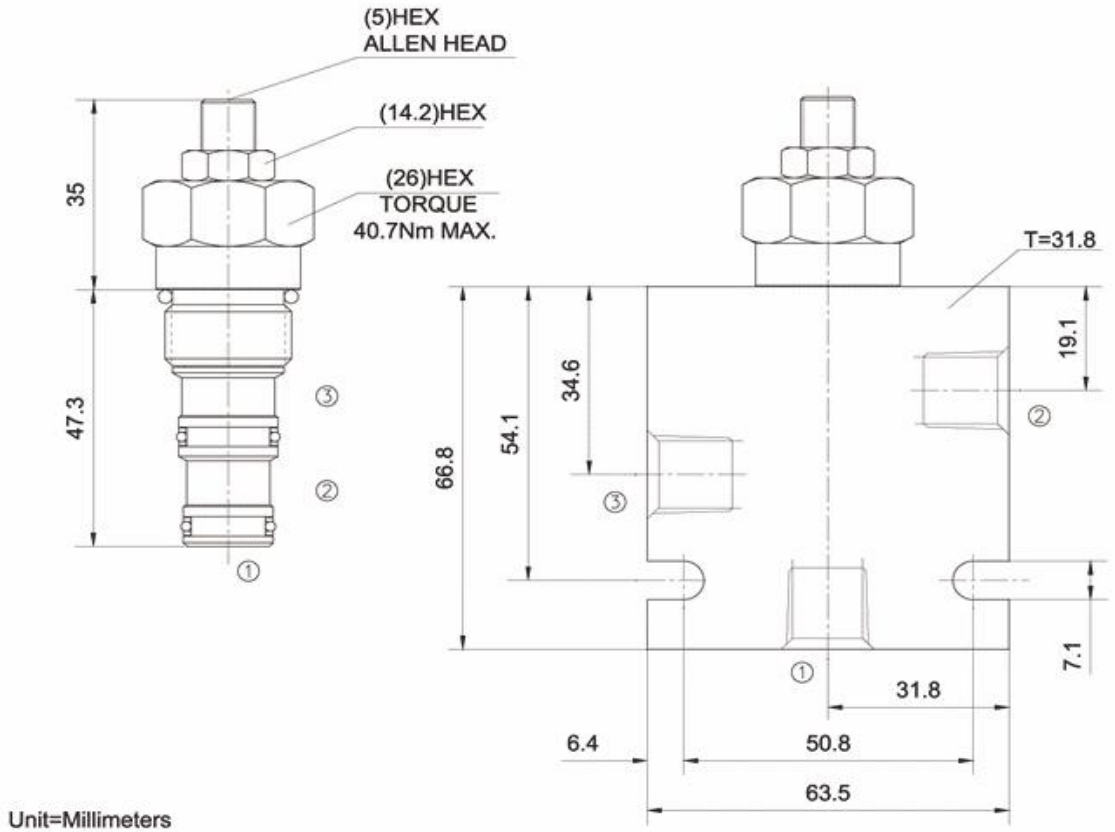
YERLEŞTİRME ÖLÇÜLER

INSTALLATION DIMENSIONS



Unit=Millimeters

TO ORDER

LFR - 10 - 3A - * - * *

- REGULATOR , PRESSURE COMPENSATED FLOW CONTROL VALVE
- CAVITY
- Adjustable Orifice
- BODY PORTING
  3N = 3/8 PTF
  8T = SAE 8
  Other porting is available.
  (Omit for Cartridge only)
- K Plastic Knob
  (Omit for 3/16"Hex Allen head)

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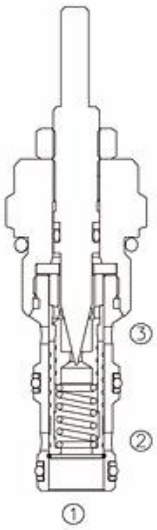
HİDROSAM HİDROPAR

Legend Valves

Regülatör,Basınç- Dengeli Akış Kontrol Valfi

LFR-10-3C



Regulator, Pressure-Compensated Flow Control Valve

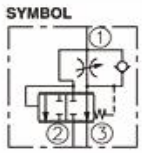
OPERATION

The valve maintains a constant flow rate from ③ regardless of load pressure changes in the system downstream of ③, or in the bypass leg at ②. Reverse flow (③ to ①) bypasses the con -trol orifice.

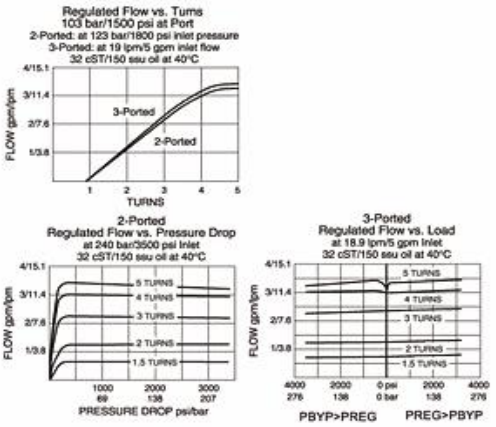
The regulated flow increases from closed to fully open, with counter-clockwiserotation of the knob.

Note: When used as a bypass flow control in applications where the priority flow portwill be blocked by external valving, bypass pressure drop will increase unless a small amount of leakage is provided for the priority port.

SYMBOL



PRESSURE DROP VS. FLOW



FEATURES

- Bypass port ② may be fully pressurized.
- Hardened steel parts for long life.
- Quiet, modulated response.
- Industry common cavity.
- Used for systems requiring priority.

ÖZELLİKLER

-Yan geçiş giriş yolu tam basınçlandırılabilir
-Uzun ömür için sertleştirilmiş hassas parça
-Hareketsiz, ayarlanmış etki
-Endüstriyel standartlarda Kavite
-Öncelikle sistem gereksinimlerine görekullanılır

SPECIFICATIONS

Operating Pressure : 240 bar
Flow Settings : 3-ported regulated flow:0-13lpm
2-ported regulated flow:0-12lpm
Temperature : -40°C to 120°C
Filtration : Critical Application - ISO 16/12
: Non-Critical Application - ISO 19/15
Fluids : Mineral-based fluids.
For other fluid compatibility, consult factory.
Cavity : 10-3,see page 265
Body Material : Anodized 6061T6 aluminum
Alloy rated at 207 Bar

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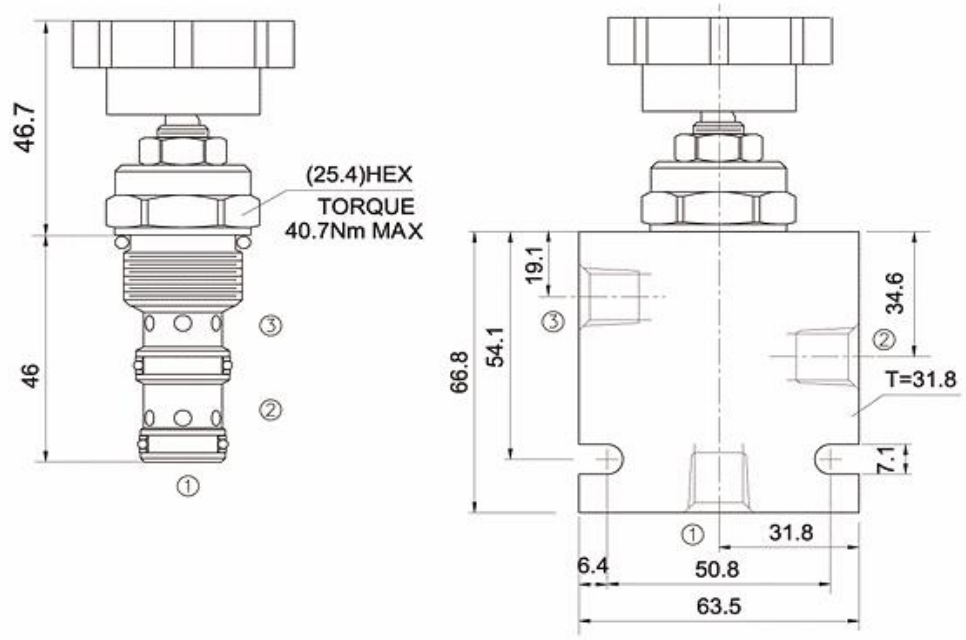
YERLEŞTİRME ÖLÇÜLER
INSTALLATION DIMENSIONS



Unit=Millimeters

TO ORDER

LFR - 10 - 3C - * - * *

Regulator, Pressure Compensated Flow Control Valve

CAVITY

Adjustable Orifice

BODY PORTING
3N=3/8PTF
6T=SAE6
8T=SAE8
Other Porting is Available
(Omit for Cartridge only)

K Plastic Knob
(Omit for 3/16" Hex Allen head)

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