

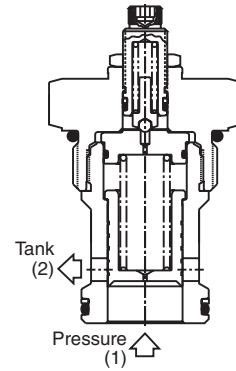
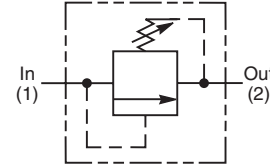
- CV**  
Check Valves
- SH**  
Shuttle Valves
- LM**  
Load/Motor Controls
- FC**  
Flow Controls
- PC**  
Pressure Controls
- LE**  
Logic Elements
- DC**  
Directional Controls
- MV**  
Manual Valves
- SV**  
Solenoid Valves
- PV**  
Proportional Valves
- CE**  
Coils & Electronics
- CB**  
Cartridge Bodies
- BC**  
Bodies & Cavities
- TD**  
Technical Data

### General Description

Pilot Operated Spool-Type Relief Valve. For additional information see Technical Tips on pages PC1-PC6.

### Features

- Low override curve
- Ball-type pilot for added stability
- High accuracy - pilot operated design
- Hardened, precision ground parts for durability
- Compact size for reduced space requirements
- All external parts zinc plated



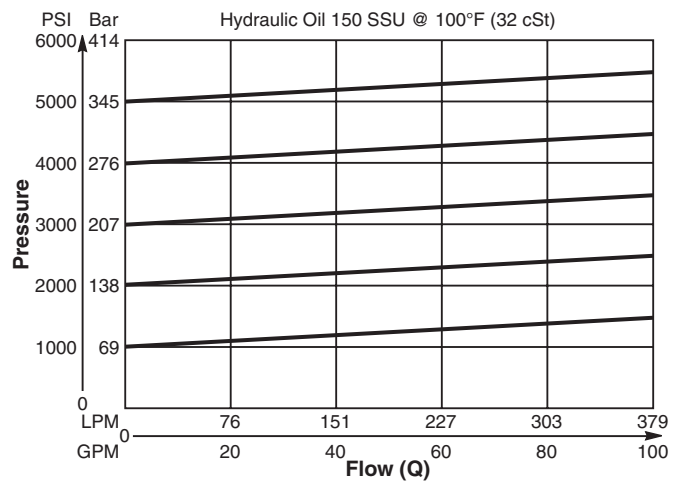
### Specifications

Rated Flow	379 LPM (100 GPM)
Maximum Inlet Pressure	380 Bar (5500 PSI)
Maximum Pressure Setting	350 Bar (5000 PSI)
Sensitivity: Pressure/Turn	<b>10</b> 23 Bar (334 PSI) <b>30</b> 59.7 Bar (867 PSI) <b>50</b> 118 Bar (1711 PSI)
Maximum Tank Pressure	350 Bar (5000 PSI)
Reseat Pressure	80% of crack pressure
Leakage at 150 SSU (32 cSt)	5 cc per 6.8 Bar (100 PSI) setting
Cartridge Material	All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals	-34°C to +121°C (Nitrile) (-30°F to +250°F) -26°C to +204°C (Fluorocarbon) (-15°F to +400°F)
Fluid Compatibility/Viscosity	Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration	ISO-4406 18/16/13, SAE Class 4
Approx. Weight	0.9 kg (2.0 lbs.)
Cavity	C20-2 (See BC Section for more details)
Form Tool	Rougher None Finisher NFT20-2F

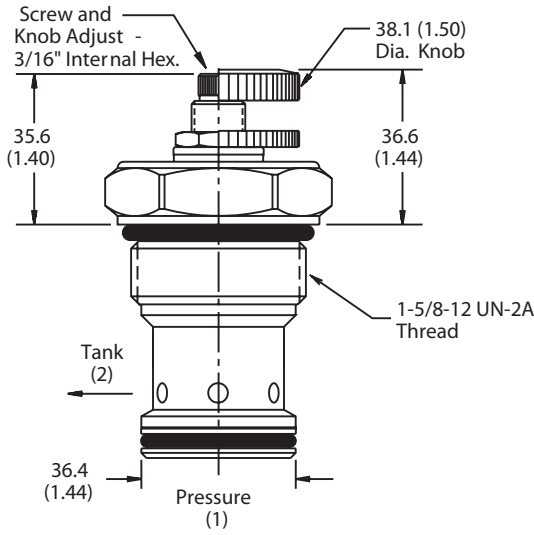
### Performance Curve

#### Flow vs. Inlet Pressure

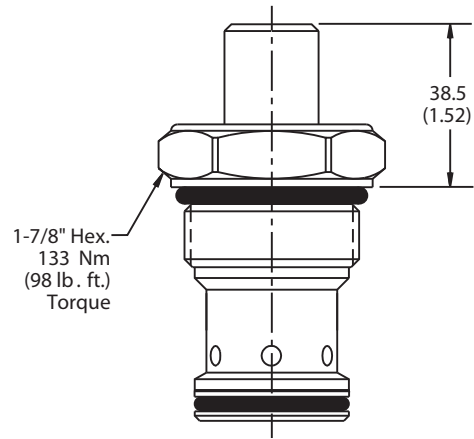
(Pressure rise through cartridge only)



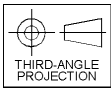
**Dimensions** Millimeters (Inches)



Screw/Knob Version



Tamper Resistant Version



**Ordering Information**

<b>RAH201</b>			
<b>20 Size Pilot Operated Relief Valve</b>	<b>Adjustment Style</b>	<b>Pressure Range</b>	<b>Seals</b>

**Highlighted** represents preferred options that offer the shortest lead times. Other options may be available, but at extended lead times.

Code	Adjustment Style / Kit No.
K	Knob Adjust (717784-15)
<b>S</b>	<b>Screw Adjust</b>
T	Tamper Resistant Cap (717785)

Code	Seals / Kit No.
<b>Omit</b>	<b>Nitrile / (SK20-2)</b>
V	Fluorocarbon / (SK20-2V)

Order Bodies Separately  
 See section BC

<b>B20</b>	<b>2</b>	
20 size	2-Way Cavity	Port Size

Code	Porting / Body Material
20T	SAE-20 / Steel (5000 PSI)
A20T	SAE-20 / Aluminium (3000 PSI)

Code	Pressure Range
10	6.9 - 69 Bar (100 - 1000 PSI) Standard Setting: 34.5 Bar (500 PSI) @ 37.5 LPM (10 GPM)
30	20.7 - 207 Bar (300 - 3000 PSI) Standard Setting: 103.5 Bar (1500 PSI) @ 37.5 LPM (10 GPM)
50	34.5 - 345 Bar (500 - 5000 PSI) Standard Setting: 172.4 Bar (2500 PSI) @ 37.5 LPM (10 GPM)

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