General Description
Spool Type, Normally Closed, Pilot to Close Logic Element. For additional information see Technical Tips on pages LE1-LE6.

Features
- High flow capacity
- Can be used as high flow switching or metering element
- Can be used as bleed off style pressure compensated flow regulator when used with restrictor
- Various switching pressures available
- 1:1 pilot pressure ratio
- Hardened working parts for maximum durability
- All external parts zinc plated

Performance Curve (Through cartridge only)
Vented Open Pressure Drop vs. Flow 1 to 2

Specifications
Rated Flow 500 LPM (132 GPM)
Nominal Flow @ 7 Bar (100 PSI) 340 LPM (90 GPM)
Maximum Inlet Pressure 420 Bar (6000 PSI)
Leakage @ 150 SSU (32 cSt) 90 ml/min. @ 100 Bar (1450 PSI)
Switching Press. See ordering information
Cartridge Material All parts steel. All operating parts hardened steel.
Operating Temp. Range/Seals -40°C to +93.3°C (Nitrile)
Fluid Compatibility/Viscosity Mineral-based or synthetic with lubricating properties at viscosities of 45 to 2000 SSU (6 to 420 cSt)
Filtration ISO Code 16/13, SAE Class 4 or better
Approx. Weight .69 kg (1.52 lbs.)
Cavity C20-3S (See BC Section for more details)
Form Tool Rougher NFT20-3SR
Finisher NFT20-3SF

Dimensions Millimeters (Inches)

Ordering Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Switching Pressure Non Adjustable Preset</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5</td>
<td>5.5 Bar (80 PSI) Std. (SK30512N-1)</td>
</tr>
<tr>
<td>10.0</td>
<td>10.0 Bar (145 PSI)</td>
</tr>
<tr>
<td>15.0</td>
<td>15.0 Bar (218 PSI)</td>
</tr>
<tr>
<td>20.0</td>
<td>20.0 Bar (290 PSI)</td>
</tr>
</tbody>
</table>

If no switching pressure is specified, valve will be supplied as R06E3-5.5N

Parker Hannifin Corporation
Hydraulic Cartridge Systems